

OCTOBER 2007

SURVEY OF CURRENT BUSINESS



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State Personal Income for the Second Quarter of 2007
and for 2004–2006

 **BEA**
BUREAU OF ECONOMIC ANALYSIS
U.S. DEPARTMENT OF COMMERCE
ECONOMICS AND STATISTICS ADMINISTRATION

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Director's Message

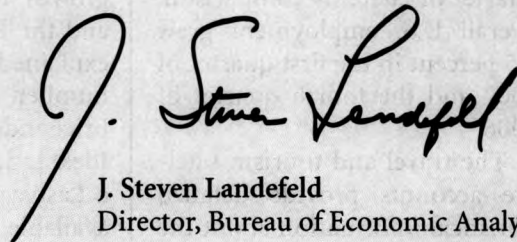
In this issue of the SURVEY OF CURRENT BUSINESS, we are pleased to provide an article that updates and extends our research and development (R&D) satellite account. Developed in conjunction with the National Science Foundation and released for the first time in 2006, the R&D account explores the effect of “capitalizing” R&D on gross domestic product (GDP) and other accounts. It is among our most far-reaching initiatives. For the first time, the R&D account provides experimental estimates of the effect of R&D investment on 13 R&D-intensive industries as well as on state economies and on international economic transactions.

We'll make more material available soon on our Web site <www.bea.gov> that will explain key issues regarding the R&D account in more detail.

Understanding the effect of R&D investment on the economy is important to understanding the effects of all investment in “intangible” assets, a high-profile issue as of late.

Elsewhere in the SURVEY, the benchmark input-output (I-O) accounts for 2002 are presented. The benchmark I-O accounts are published every five years and are based on source data that is considered highly accurate. The benchmark I-O accounts are used for a wide array of analytical purposes and as an important source of data for other BEA accounts, including GDP.

Another article provides updated estimates of international services activity, both trade (2006) and sales through affiliates (2005). We also present estimates of state personal income for the second quarter of 2007 and revised estimates for 2004–2006.



J. Steven Landefeld
Director, Bureau of Economic Analysis

Taking Account...

Experimental GDP by Metro Area Data

On September 26, 2007, BEA released experimental measures of gross domestic product (GDP) for 363 metropolitan areas for 2001–2005.

GDP by metropolitan area is a measure of the market value of final goods and services produced within the area in a given period. Metropolitan areas, as defined by the U.S. Office of Management and Budget, are standardized county-based areas with at least one urbanized area with a population of 50,000 or more plus adjacent territories that have high degrees of social and economic integration with the core, as measured by commuting ties.

These statistics were developed in response to demand from regional data users for more detailed output measures for metropolitan areas. BEA is now seeking comments and advice about the new estimates. Comments may be e-mailed to <GDPbyMetro@bea.gov>.

There are many uses of GDP-by-metropolitan-area data, including enhanced analysis of metropolitan economies, the impact of natural or man-made disasters on cities, and comparative industrial growth across metropolitan areas.

An upcoming article in the SURVEY OF CURRENT BUSINESS will

discuss the data in more detail.

The news release about the new data, including tables, is available at <www.bea.gov/newsreleases/regional/gdp_metro/gdp_metro_newsrelease.htm>.

Quarterly Travel Industry Statistics Released

Real direct tourism output increased at an annual rate of 0.9 percent in the second quarter of 2007, compared with a 2.1-percent increase in the first quarter, according to the data from the BEA travel and tourism satellite accounts. Growth turned down in traveler accommodations. Growth in overall transportation output remained strong.

By comparison, real GDP grew at an annual rate of 3.8 percent in the second quarter of 2007 and 0.6 percent in the first quarter of 2007.

Direct tourism employment rose 2.6 percent in the first quarter of 2007 (the most recent period for which data are available), slower than the 3.1-percent growth in the fourth quarter of 2006. By comparison, overall U.S. employment grew 1.5 percent in the first quarter of 2007 and the fourth quarter of 2006.

The travel and tourism satellite accounts provide detailed statistical information about the travel and tourism economy. The account is supported by

funding from the Office of Travel and Tourism Industries, International Trade Administration, U.S. Department of Commerce.

More information about the most recent release is available at <www.bea.gov/newsreleases/industry/tourism/tournewsrelease.htm>.

PCE-CPI Analysis Posted on BEA Web Site

The personal consumption expenditures price index from BEA and the consumer price index for all urban consumers (CPI) from the Bureau of Labor Statistics are widely followed measures of consumer prices.

But each index is produced according to different underlying concepts and often do not move in lockstep. A recent analysis by Clinton P. McCully, Brian C. Moyer, both of BEA, and Kenneth J. Stewart, of BLS, has found that from the first quarter of 2002 to the second quarter of 2007, almost half of the 0.4-percent difference in growth rates between the CPI and the PCE price index can be explained by differences in index number formulas. The PCE price index is based on a Fisher-Ideal index. The CPI is based on a Laspeyres index. The paper is available at <www.bea.gov> by clicking on “Papers and Working Papers” on the left side.

GDP and the Economy

Final Estimates for the Second Quarter of 2007

ECONOMIC growth accelerated in the second quarter, according to the “final” estimates of the national income and produce accounts (NIPAs). Real gross domestic product (GDP) increased 3.8 percent after increasing 0.6 percent in the first quarter.¹ The second-quarter growth rate was revised down 0.2 percentage point from the “preliminary” estimate (see page 3).²

The second-quarter acceleration in real GDP growth primarily reflected a downturn in imports (subtracted in the derivation of GDP), upturns in Federal Government spending and inventory investment, accelerations in exports, nonresidential structures, and equipment and software, and a smaller decrease in residential investment (page 2). In contrast, consumer spending decelerated markedly.³

- Prices of goods and services purchased by U.S. residents increased 3.8 percent, the same rate as in the first quarter. Energy prices accelerated sharply, and food prices decelerated slightly. Excluding food and energy, prices increased 1.5 percent after increasing 3.1 percent.
- Real disposable personal income (DPI) increased 0.6 percent after increasing 5.4 percent. The slower real growth reflected a deceleration in current-dollar DPI and accelerating prices (as measured by the PCE implicit price deflator used to deflate DPI).
- The personal saving rate, personal saving as a percentage of current-dollar DPI, was 0.6 percent in the second quarter; in the first quarter, it was 1.0 percent.
- Corporate profits increased \$94.7 billion in the second quarter, following an increase of \$16.5 billion (see pages 4 and 5).

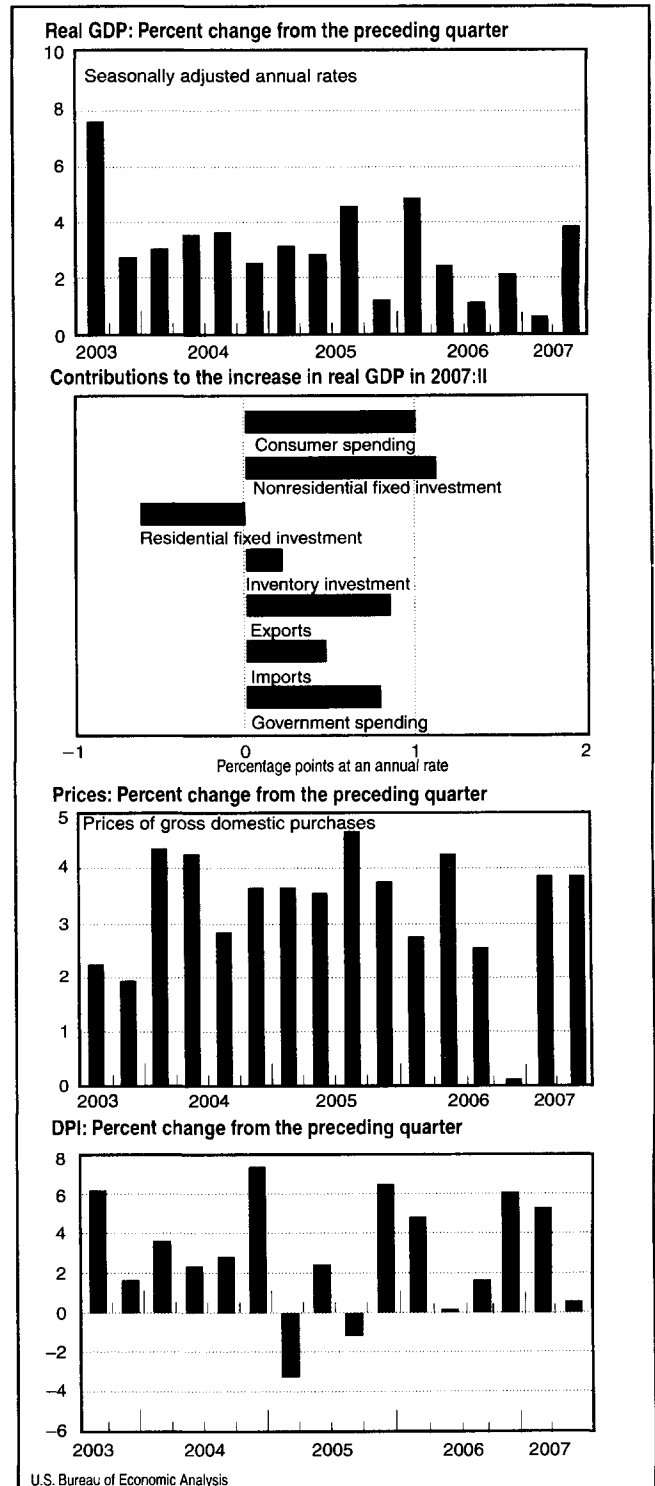
1. “Real” estimates are in chained (2000) dollars, and price indexes are chain-type measures.

2. Each GDP estimate for a quarter (advance, preliminary, and final) incorporates increasingly comprehensive and improved source data. More information can be found at <www.bea.gov/nea/about/infoqual.htm> and <www.bea.gov/nea/faq/national/gdp_accuracy.htm>. Quarterly estimates are expressed at seasonally adjusted annual rates, which assume that a rate of activity for a quarter is maintained for a year.

3. In this article, “consumer spending” refers to the NIPA series “personal consumption expenditures (PCE),” “inventory investment” refers to “change in private inventories,” and “government spending” refers to “government consumption expenditures and gross investment.”

Christopher Swann prepared this article.

Chart 1. GDP, Prices, Disposable Personal Income (DPI)



Real GDP Overview

Table 1. Real Gross Domestic Product and Components

[Seasonally adjusted at annual rates]

	Share of current-dollar GDP (percent)		Change from preceding period (percent)				Contribution to percent change in real GDP (percentage points)			
	2007		2006		2007		2006		2007	
	II	III	IV	I	II	III	IV	I	II	
Gross domestic product ¹	100.0	1.1	2.1	0.6	3.8	1.1	2.1	0.6	3.8	
Personal consumption expenditures	70.3	2.8	3.9	3.7	1.4	1.88	2.68	2.56	1.00	
Durable goods.....	7.8	5.6	3.9	8.8	1.7	0.43	0.30	0.67	0.14	
Nondurable goods.....	20.5	3.2	4.3	3.0	-0.5	0.64	0.86	0.61	-0.10	
Services.....	42.0	2.0	3.7	3.1	2.3	0.81	1.52	1.28	0.96	
Gross private domestic investment	15.5	-4.1	-14.1	-8.2	4.6	-0.70	-2.50	-1.36	0.71	
Fixed investment.....	15.5	-4.7	-7.1	-4.4	3.2	-0.80	-1.19	-0.70	0.49	
Nonresidential.....	10.7	5.1	-1.4	2.1	11.0	0.53	-0.15	0.22	1.12	
Structures.....	3.4	10.8	7.4	6.4	26.2	0.31	0.23	0.20	0.78	
Equipment and software.....	7.3	2.9	-4.9	0.3	4.7	0.21	-0.38	0.02	0.34	
Residential.....	4.8	-20.4	-17.2	-16.3	-11.8	-1.33	-1.04	-0.93	-0.62	
Change in private inventories.....	0.0	.....	.....	.....	.....	0.10	-1.31	-0.65	0.22
Net exports of goods and services	-5.2	.....	.....	.....	.....	-0.25	1.25	-0.51	1.32
Exports.....	11.6	5.7	14.3	1.1	7.5	0.62	1.51	0.13	0.85	
Goods.....	8.1	7.4	9.6	0.9	6.6	0.56	0.73	0.07	0.53	
Services.....	3.5	2.0	26.0	1.6	9.6	0.07	0.78	0.05	0.33	
Imports.....	16.8	5.4	1.6	3.9	-2.7	-0.88	-0.26	-0.63	0.47	
Goods.....	14.1	6.2	-0.6	4.2	-2.9	-0.84	0.09	-0.57	0.42	
Services.....	2.7	1.3	14.2	2.3	-1.7	-0.03	-0.35	-0.06	0.05	
Government consumption expenditures and gross investment	19.4	0.8	3.5	-0.5	4.1	0.14	0.66	-0.09	0.79	
Federal.....	7.0	0.9	7.3	-6.3	6.0	0.06	0.50	-0.46	0.41	
National defense.....	4.8	-1.5	16.9	-10.8	8.5	-0.07	0.74	-0.54	0.39	
Nondefense.....	2.3	6.0	-10.0	3.8	0.9	0.14	-0.24	0.08	0.02	
State and local.....	12.4	0.7	1.3	3.0	3.0	0.08	0.16	0.36	0.37	
Addenda:										
Final sales of domestic product.....	.....	1.0	3.5	1.3	3.6	0.96	3.40	1.25	3.60
Gross domestic purchases price index.....	.....	2.5	0.1	3.8	3.8	.....	.....	.....	.....
GDP price index.....	.....	2.4	1.7	4.2	2.6	.....	.....	.....	.....

1. The estimates of GDP under the contribution columns are also percent changes.

NOTE. Percent changes are from NIPA table 1.1.1, contributions are from NIPA table 1.1.2, and shares are from NIPA table 1.1.10.

Consumer spending decelerated sharply in the second quarter, increasing 1.4 percent after increasing 3.7 percent, but it still added 1.00 percentage point to real GDP growth. Spending for nondurable goods turned down, and spending for both durable goods and services decelerated.

Nonresidential fixed investment accelerated and added 1.12 percentage points to real GDP growth. Investment in structures and in equipment and software accelerated. The second-quarter increase in investment in structures was the largest percentage-point increase since the fourth quarter of 1981.

Residential investment continued to decline; however, the second-quarter decrease was less than the first-quarter decrease. It subtracted 0.62 percentage point from real GDP growth.

Inventory investment turned up and added 0.22 percentage point to real GDP growth.

Exports accelerated, reflecting pickups in exports of goods and services, and contributed 0.85 percentage point to real GDP growth.

Imports turned down, decreasing 2.7 percent after increasing 3.9 percent. Both imports of goods and services turned down.

Federal Government spending turned up, increasing 6.0 percent after decreasing 6.3 percent.

Real final sales of domestic product (real GDP less inventory investment) increased 3.6 percent, following a 1.3-percent increase.

GDP and Gross Domestic Purchases

In addition to gross domestic product (GDP), another related measure of economic growth—gross domestic purchases—is included in the national income and product accounts (NIPAs).

GDP measures the market value of final goods and services produced by labor and property in the United States, including the goods that are added to, or subtracted from, inventories. GDP is defined as the sum of consumer spending, business and residential investment, inventory investment, government spending, and exports less imports.

Gross domestic purchases is defined as GDP less exports plus imports. It measures domestic demand for goods and services regardless of their origin. Exports represent foreign demand for U.S. goods and services. Subtracting exports

from GDP yields a measure of expenditures that focuses on domestic buyers. Imports can be viewed as the value of goods and services that exceed the domestic supply and that expand the consumption and investment alternatives for domestic purchasers.

Differences between GDP and gross domestic purchases reflect patterns in imports less exports: As imports exceed exports, gross domestic purchases exceeds GDP.

For annual and quarterly estimates of these measures, see NIPA tables 1.4.1 and 1.4.3–1.4.6.

For more information on GDP and gross domestic purchases, see also “A Guide to the National Income and Product Accounts of the United States” on BEA’s Web site at <www.bea.gov/bea/an/nipaguid.pdf>.

Revisions to GDP

Table 2. Preliminary and Final Estimates for the Second Quarter of 2007
[Seasonally adjusted at annual rates]

	Change from preceding quarter (percent)			Contribution to percent change in real GDP (percentage points)		
	Preliminary	Final	Final minus preliminary	Preliminary	Final	Final minus preliminary
Gross domestic product (GDP) ¹	4.0	3.8	-0.2	4.0	3.8	-0.2
Personal consumption expenditures	1.4	1.4	0.0	1.03	1.00	-0.03
Durable goods	1.7	1.7	0.0	0.14	0.14	0.00
Nondurable goods	-0.3	-0.5	-0.2	-0.07	-0.10	-0.03
Services	2.3	2.3	0.0	0.96	0.96	0.00
Gross private domestic investment	4.7	4.6	-0.1	0.72	0.71	-0.01
Fixed investment	3.3	3.2	-0.1	0.51	0.49	-0.02
Nonresidential	11.1	11.0	-0.1	1.12	1.12	0.00
Structures	27.7	26.2	-1.5	0.82	0.78	-0.04
Equipment and software	4.3	4.7	0.4	0.31	0.34	0.03
Residential	-11.6	-11.8	-0.2	-0.61	-0.62	-0.01
Change in private inventories				0.21	0.22	0.01
Net exports of goods and services				1.42	1.32	-0.10
Exports	7.6	7.5	-0.1	0.86	0.85	-0.01
Goods	7.3	6.6	-0.7	0.58	0.53	-0.05
Services	8.3	9.6	1.3	0.28	0.33	0.05
Imports	-3.2	-2.7	0.5	0.56	0.47	-0.09
Goods	-3.1	-2.9	0.2	0.46	0.42	-0.04
Services	-3.8	-1.7	2.1	0.11	0.05	-0.06
Government consumption expenditures and gross investment	4.1	4.1	0.0	0.79	0.79	0.00
Federal	5.9	6.0	0.1	0.41	0.41	0.00
National defense	8.6	8.5	-0.1	0.40	0.39	-0.01
Nondefense	0.5	0.9	0.4	0.01	0.02	0.01
State and local	3.0	3.0	0.0	0.38	0.37	-0.01
Addenda:						
Final sales of domestic product	3.7	3.6	-0.1	3.75	3.60	-0.15
Gross domestic purchases price index	3.8	3.8	0.0			
GDP price index	2.7	2.6	-0.1			

The final estimate of real GDP growth for the second quarter is 3.8 percent, 0.2 percentage point less than the preliminary estimate. The downward revision primarily reflected an upward revision to imports, which are subtracted in the calculation of GDP, and a downward revision to nonresidential structures that was muted by an upward revision to equipment and software. From 1978 to 2005, the average revision, without regard to sign, has been 0.3 percentage point from the "preliminary" estimates to the "final" estimates.

The downward revision to nonresidential structures reflected a downward revision to commercial and health care structures.

The largest contributors to the upward revision to equipment and software investment were aircraft in transportation equipment and software in information processing equipment and software.

The upward revision to imports was accounted for by upward revisions to services and goods. For services, the largest contributor to the revision was travel; for goods, the largest contributor was nonautomotive consumer goods.

1. The estimates for GDP under the contribution columns are also percent changes.

Source Data for the Final Estimates

The final estimates of gross domestic product for the second quarter of 2007 incorporated the following source data.

Personal consumption expenditures: Retail sales for May and June (revised). Quarterly services survey for the second quarter (new).

Nonresidential fixed investment: Construction put in place for May and June (revised). Quarterly services survey for the second quarter (new).

Residential fixed investment: Construction put in place for May and June (revised).

Change in private inventories: Manufacturers' and trade

inventories for June (revised). Producer Price Index for April (revised).

Exports and imports of goods and services: International transactions accounts data for the first and second quarters (revised).

Government consumption expenditures and gross investment: State and local government construction put in place for May and June (revised).

GDP prices: Export and import prices for the second quarter (revised). Unit value index for petroleum imports for June (revised). Prices of single-family houses under construction for the second quarter (revised).

Corporate Profits

Table 3. Corporate Profits
[Seasonally adjusted]

	Billions of dollars (annual rate)				Percent change from preceding quarter (quarterly rate)				
	Level		Change from preceding quarter		2006		2007		
	2007	2006	2007		2006	2007			
	II	III	IV	I	III	IV	I	II	
Current production measures:									
Corporate profits	1,642.4	17.0	-61.3	16.5	94.7	1.1	-3.9	1.1	6.1
Domestic industries.....	1,327.8	26.7	-89.3	-3.7	78.0	2.0	-6.7	-0.3	6.2
Financial	521.4	-22.3	19.3	-26.9	52.7	-4.5	4.0	-5.4	11.2
Nonfinancial	806.4	48.9	-108.5	23.2	25.3	6.0	-12.5	3.1	3.2
Rest of the world.....	314.6	-9.6	28.0	20.1	16.7	-3.7	11.2	7.2	5.6
Receipts from the rest of the world.....	482.6	5.3	12.8	10.0	33.9	1.3	3.0	2.3	7.6
Less: Payments to the rest of the world.....	168.0	14.9	-15.2	-10.1	17.2	9.3	-8.7	-6.3	11.4
Less: Taxes on corporate income	490.1	10.4	-18.0	0.1	37.6	2.3	-3.8	0.0	8.3
Equals: Profits after tax.....	1,152.2	6.5	-43.3	16.4	57.0	0.6	-3.9	1.5	5.2
Net dividends	784.2	25.5	25.3	23.0	24.8	3.7	3.6	3.1	3.3
Undistributed profits from current production.....	368.0	-18.9	-68.7	-6.6	32.2	-4.4	-16.7	-1.9	9.6
Net cash flow	1,288.9	-5.9	-57.0	0.2	37.4	-0.4	-4.4	0.0	3.0

NOTE. Levels of these and other profits series are shown in NIPA tables 1.12, 1.14, 1.15, and 6.16D.

Profits from current production increased \$94.7 billion, or 6.1 percent, after increasing \$16.5 billion, or 1.1 percent, in the first quarter.

Profits from the rest of the world (net corporate profits earned abroad) slowed somewhat, increasing \$16.7 billion, or 5.6 percent, after increasing \$20.1 billion. Receipts from the rest of the world accelerated, increasing \$33.9 billion after increasing \$10.0 billion. However, payments to the rest of the world turned up, increasing \$17.2 billion after decreasing \$10.1 billion.

Taxes on corporate income increased \$37.6 billion, following a small increase of \$0.1 billion.

Profits after tax accelerated, increasing \$57.0 billion, or 5.2 percent, after increasing \$16.4 billion.

Undistributed corporate profits (a measure of net savings that equals after-tax profits less dividends) increased \$32.2 billion after decreasing \$6.6 billion.

Net cash flow, a profits-related measure of internally generated funds available for investment, increased \$37.4 billion after increasing \$0.2 billion.

Measuring Corporate Profits

Corporate profits is a widely followed economic indicator used to gauge corporate health, assess investment conditions, and analyze the effect on corporations of economic policies and conditions. In addition, corporate profits is an important component in key measures of income.

BEA's measure of corporate profits aims to capture the income earned by corporations from current production in a manner that is fully consistent with the national income and product accounts (NIPAs). The measure is defined as receipts arising from current production less associated expenses. Receipts exclude income in the form of dividends and capital gains, and expenses exclude bad debts, natural resource depletion, and capital losses.

Because direct estimates of NIPA-consistent corporate profits are unavailable, BEA derives these estimates in three steps.

First, BEA measures profits before taxes to reflect corporate income regardless of any redistributions of income through taxes. This measure is partly based on tax return

information from the Internal Revenue Service; BEA uses tax accounting measures as a source of information on profits for two reasons: They are based on well-specified accounting definitions, and they are comprehensive, covering all incorporated businesses—publicly traded and privately held—in all industries. BEA also uses other sources of information to estimate pretax profits, including information from the Census Bureau.

Second, to remove the effects of price changes on inventories valued at historical cost and of tax accounting for inventory withdrawals, BEA adds an inventory valuation adjustment that values inventories at current cost.

Third, to remove the effects of tax accounting on depreciation, BEA adds a capital consumption adjustment (CCAdj). CCAdj is defined as the difference between consumption of fixed capital (the decline in the value of the stock of assets due to wear and tear, obsolescence, accidental damage, and aging) and capital consumption allowances (tax return depreciation).

Corporate Profits by Industry

Table 4. Corporate Profits by Industry
[Seasonally adjusted]

	Billions of dollars (annual rate)					Percent change from preceding quarter (quarterly rate)			
	Level	Change from preceding quarter							
		2007	2006	2007		2006		2007	
	II	III	IV	I	II	III	IV	I	II
Industry profits:									
Profits with IVA	1,876.8	31.6	-48.0	7.4	101.2	1.8	-2.6	0.4	5.7
Domestic industries	1,562.1	41.2	-76.0	-12.7	84.4	2.7	-4.9	-0.9	5.7
Financial	546.4	-20.7	20.7	-28.0	53.4	-4.0	4.1	-5.4	10.8
Nonfinancial	1,015.7	61.9	-96.6	15.2	31.0	6.2	-9.1	1.6	3.2
Utilities	41.2	2.5	0.0	-1.4	4.8	7.0	0.0	-3.8	13.3
Manufacturing	347.0	21.5	-39.3	18.7	48.1	7.2	-12.3	6.7	16.1
Wholesale trade	104.9	32.7	-27.0	6.7	7.1	38.3	-22.9	7.4	7.3
Retail trade	134.4	7.3	5.2	2.2	0.1	6.1	4.1	1.6	0.1
Transportation and warehousing	45.8	1.8	-7.7	-0.9	6.7	4.0	-16.1	-2.4	17.2
Information	92.9	-1.7	10.0	18.0	-16.6	-2.0	12.3	19.6	-15.2
Other nonfinancial	249.5	-2.2	-37.8	-28.0	-19.2	-0.7	-11.3	-9.4	-7.1
Rest of the world	314.6	-9.6	28.0	20.1	16.7	-3.7	11.2	7.2	5.6
Addenda:									
Profits before tax (without IVA and CCAj)	1,931.5	9.1	-62.2	26.6	115.7	0.5	-3.4	1.5	6.4
Profits after tax (without IVA and CCAj)	1,441.4	-1.4	-44.2	26.5	78.1	-0.1	-3.2	2.0	5.7
IVA	-54.7	22.5	14.2	-19.2	-14.5				
CCAj	-234.4	-14.6	-13.3	9.1	-6.5				

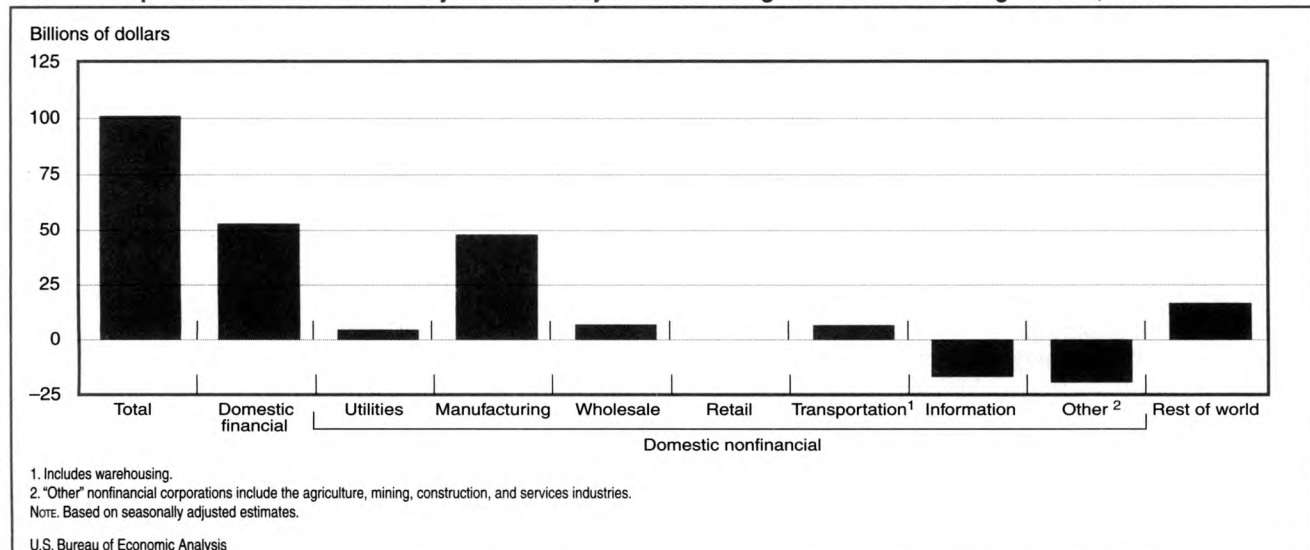
Industry profits with inventory valuation adjustment increased \$101.2 billion, or 5.7 percent. The second-quarter increase was larger than the increase in profits from current production because industry profits exclude the capital consumption adjustment, which decreased \$6.5 billion in the second quarter.

Profits of domestic financial industries turned up, increasing \$53.4 billion, or 10.8 percent, after decreasing \$28.0 billion.

Profits of domestic nonfinancial industries accelerated, increasing \$31.0 billion, or 3.2 percent, after increasing \$15.2 billion. Profits of manufacturing industries accelerated, and profits of transportation and warehousing industries and of utilities turned up. Profits of "other nonfinancial" industries decreased for the fifth consecutive quarter but by less than in the first quarter. Profits of information industries turned down.

NOTE. Levels of these and other profits series are shown in NIPA tables 1.12, 1.14, 1.15, and 6.16D.
IVA Inventory valuation adjustment CCAj Capital consumption adjustment

Chart 2. Corporate Profits With Inventory Valuation Adjustment: Change From the Preceding Quarter, 2007:II



Corporate Profits by Industry

Industry profits are corporate profits by industry with inventory valuation adjustment (IVA). The IVA removes the effect of prices on inventories. The IVA is the difference between the cost of inventory withdrawals at acquisition cost and replacement cost. Ideally, BEA would also add the capital consumption adjustment (CCAj) for each indus-

try. However, estimates of the CCAj are only available for two broad categories: Total financial industries and total nonfinancial industries. For more information about BEA's methodology, see "Corporate Profits: Profits Before Tax, Profits Tax Liability, and Dividends" at <www.bea.gov/bea/mp_national.htm>.

Newly Available NIPA Tables

As part of the 2007 annual revision of the national income and product accounts (NIPAs), this report presents NIPA tables 3.18B, 3.19–3.21, 7.19, and 8.1–8.6.

The August 2007 SURVEY includes most of the revised NIPA tables. It also includes an article that summarizes the results of the annual revision and describes changes in the data and methods used to prepare the estimates.

The September issue presented newly available NIPA tables 3.15.1–3.15.6, 3.16, 3.17, 5.9, and 7.15. NIPA

table 2.9 (personal income and its disposition by households and by nonprofit institutions serving households) and table 7.20 (a comparison of NIPA income and outlays of nonprofit institutions serving households with IRS data for revenue and expenses) are scheduled to be published in the November 2007 SURVEY.

The NIPA tables that were published in the August and September issues and in this issue are available on BEA's Web site at <www.bea.gov>. For access to the interactive tables, click on "National."

Table 3.18B. Relation of Federal Government Current Receipts and Expenditures in the National Income and Product Accounts to the Budget, Fiscal Years and Quarters
(Billions of dollars; quarterly totals not seasonally adjusted)

Line	Quarterly totals not seasonally adjusted																				
	2003	2004	2005	2006	2003				2004				2005				2006				
					I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
Current receipts																					
Budget receipts	1	1,782.5	1,880.3	2,153.9	2,407.3	397.8	527.7	429.6	440.8	409.8	550.1	479.7	487.2	451.7	665.0	550.0	530.2	507.6	772.3	597.1	573.5
Less: Coverage differences.....	2	35.4	39.6	40.3	43.8	8.8	9.2	8.8	9.2	9.6	10.3	10.5	9.1	10.0	10.8	10.3	9.9	11.7	11.6	10.6	10.1
Geographic ¹	3	3.6	4.0	4.4	4.5	1.0	1.0	0.8	0.8	1.1	1.1	0.9	0.9	1.2	1.2	1.0	1.0	1.3	1.3	1.0	1.0
Contributions received by Federal employee retirement plans ²	4	4.6	4.6	4.5	4.4	1.1	1.2	1.2	1.1	1.2	1.1	1.2	1.1	1.1	1.0	1.2	1.1	1.2	1.1	1.0	1.1
Capital transfers received ³	5	21.7	24.7	24.6	27.7	5.4	5.7	5.1	5.7	5.7	6.5	6.7	5.7	6.0	6.5	6.3	6.1	7.5	7.4	6.7	6.2
Financial transactions.....	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other ⁴	7	5.4	6.3	6.9	7.2	1.2	1.4	1.7	1.6	1.5	1.6	1.7	1.4	1.7	1.9	1.8	1.7	1.7	1.8	2.0	1.8
Less: Netting and grossing differences.....	8	-85.1	-89.7	-75.0	-108.3	-21.8	-22.7	-21.1	-21.1	-23.5	-24.0	-21.1	-22.1	-24.4	-25.1	-3.4	-24.5	-28.5	-29.1	-26.2	-26.8
Supplementary medical insurance premiums.....	9	-28.4	-32.1	-38.2	-45.1	-7.2	-7.2	-7.3	-7.3	-8.2	-8.2	-8.4	-8.5	-9.9	-9.9	-10.0	-10.2	-11.5	-11.5	-11.8	-11.4
Interest receipts.....	10	-11.2	-10.5	-10.1	-9.8	-2.6	-2.8	-2.9	-2.9	-2.6	-2.5	-2.5	-2.5	-2.6	-2.6	-2.5	-2.5	-2.4	-2.4	-2.4	-2.4
Current surplus of government enterprises.....	11	-2.5	-0.2	5.2	3.7	-1.5	-1.5	1.8	-1.2	-1.1	-1.0	3.1	0.3	0.3	0.3	4.3	-0.2	-0.1	-0.1	4.1	-0.6
Other ⁵	12	-43.0	-46.9	-31.9	-57.1	-10.5	-11.1	-12.6	-9.8	-11.6	-12.2	-13.3	-11.4	-12.3	-13.0	4.8	-11.7	-14.4	-15.0	-16.0	-12.3
Plus: Timing differences.....	13	32.1	30.3	14.4	-13.0	44.3	-20.9	9.2	0.8	47.5	-27.3	9.2	1.6	56.1	-31.7	-11.6	-2.8	48.8	-46.1	-12.9	-11.1
Taxes on corporate income.....	14	36.2	28.9	12.1	-11.7	29.3	-9.4	13.9	3.1	28.2	-14.3	12.3	2.9	35.0	-19.2	-6.6	-1.4	30.6	-30.2	-10.7	-14.0
Federal and State unemployment insurance taxes.....	15	-0.5	0.0	0.4	0.3	13.7	-9.7	-3.5	-1.0	16.5	-11.9	-3.7	-1.2	17.2	-12.9	-2.7	-1.2	17.2	-13.3	-2.4	-1.0
Withheld personal income tax and social security contributions.....	16	-2.5	2.1	3.7	1.5	0.1	-2.0	2.0	-2.0	1.9	-0.7	2.9	-1.3	4.0	0.3	0.7	-1.2	0.8	-1.2	3.0	1.9
Excise taxes.....	17	-1.2	-0.9	-1.9	-3.3	1.2	0.2	-3.3	0.7	0.8	-0.1	-2.4	1.1	-0.1	0.1	-3.0	0.9	0.2	-1.5	-3.0	1.5
Other.....	18	0.2	0.2	0.0	0.3	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.4
Equals: Federal Government current receipts, national income and product accounts	19	1,864.4	1,960.6	2,203.0	2,458.7	455.1	520.3	451.1	453.4	471.2	536.5	499.5	501.7	522.2	647.7	531.5	542.0	573.3	743.6	599.7	579.1
Current expenditures																					
Budget outlays	20	2,160.1	2,293.0	2,472.2	2,655.4	542.6	543.8	537.8	570.9	580.9	575.8	565.5	604.8	626.9	620.1	620.4	649.5	691.2	675.8	639.0	653.9
Less: Coverage differences.....	21	26.0	40.0	37.3	64.5	32.0	-2.8	0.8	-1.5	28.1	14.1	-0.7	-3.2	32.1	13.6	-5.2	-7.1	35.9	30.2	5.5	-20.6
Geographic ⁶	22	11.9	13.3	14.4	15.2	2.9	3.1	3.0	3.0	3.4	3.4	3.5	3.5	3.5	3.7	3.7	3.7	3.9	3.8	3.8	3.9
Federal employee retirement plan transactions ²	23	-33.1	-33.5	-39.4	-42.1	13.0	-9.8	-9.9	-25.8	13.2	-7.4	-13.5	-31.8	12.5	-7.6	-12.5	-41.8	17.8	-5.6	-12.5	-41.6
Interest received.....	24	-49.0	-47.4	-50.4	-54.0	-1.4	-23.4	-1.5	-22.1	-1.1	-22.1	-2.1	-22.5	-2.5	-22.9	-2.6	-24.5	-1.5	-24.7	-3.3	-21.1
Contributions received (employer).....	25	-76.8	-83.0	-91.9	-97.4	-9.0	-9.6	-31.6	-27.7	-10.0	-9.7	-36.7	-34.7	-10.9	-10.5	-35.7	-44.3	-8.2	-8.2	-36.8	-48.3
Benefits paid.....	26	92.4	96.7	102.7	109.1	23.4	23.1	23.1	23.9	24.2	24.2	24.3	25.3	25.8	25.8	25.7	26.8	27.4	27.2	27.6	27.7
Administrative expenses.....	27	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Financing disbursements from credit programs ⁷	28	-7.2	4.2	5.7	16.4	-1.8	-1.8	-1.8	1.1	1.1	1.1	1.1	1.4	1.4	1.4	1.4	4.1	4.1	4.1	4.1	-4.2
Other differences in funds covered ⁸	29	8.7	3.8	6.4	6.9	1.1	1.6	4.5	1.6	1.8	1.8	-1.5	1.4	1.5	1.8	1.7	1.9	1.6	1.7	1.6	1.9
Net investment ⁹	30	2.3	6.1	10.3	13.9	-1.6	1.1	3.1	0.7	0.8	0.9	3.7	2.5	0.2	5.7	3.1	3.1	3.3	4.5	3.5	3.5
Capital transfers paid ¹⁰	31	45.4	46.4	47.7	51.2	8.3	11.6	14.2	11.4	9.4	10.5	15.1	11.4	9.9	12.1	14.3	12.5	10.7	12.5	15.5	13.4
Financial transactions.....	32	-2.1	-0.4	-7.1	3.4	10.9	-8.3	-13.2	6.6	-1.6	4.1	-9.5	8.6	3.0	0.4	-19.0	9.5	-5.3	11.0	-11.7	15.5
Loan disbursements less loan repayments and sales.....	33	1.5	5.9	-0.4	11.6	9.6	0.2	-11.4	0.7	2.7	7.6	-5.1	0.4	6.8	4.5	-12.1	-2.1	-1.2	15.6	-0.6	8.0
Deposit insurance.....	34	0.9	0.2	0.5	1.2	1.3	-0.4	0.3	0.1	0.0	0.1	0.0	0.0	0.8	0.1	-0.5	0.5	0.3	0.5	-0.2	0.3
Net purchases of foreign currency.....	35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other.....	36	-4.5	-6.5	-7.2	-9.3	0.0	-8.1	-2.1	5.8	-4.3	-3.5	-4.5	8.1	-4.7	-4.2	-6.4	11.1	-4.4	-5.1	-10.9	7.1
Net purchases of nonproduced assets.....	37	0.1	0.1	-0.7	-0.3	-0.7	-0.2	0.9	-0.2	0.0	-0.2	0.4	-0.2	0.1	-0.1	0.4	0.0	0.1	-0.6	0.2	-13.0
Outer Continental Shelf.....	38	-0.2	0.0	0.0	-0.1	-0.7	-0.3	0.8	-0.2	0.0	-0.2	0.4	-0.2	0.0	-0.2	0.4	0.0	0.0	-0.5	0.5	-0.4
Land and other ¹¹	39	0.3	0.1	-0.7	-0.2	0.0	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	-0.8	0.0	0.1	-0.1	-0.3	-12.7
Other ¹²	40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Less: Netting and grossing differences.....	41	-85.1	-89.7	-75.0	-108.3	-21.8	-22.7	-21.1	-21.1	-23.5	-24.0	-21.1	-22.1	-24.4	-25.1	-3.4	-24.5	-28.5	-29.1	-26.2	-26.8
Supplementary medical insurance premiums.....	42	-28.4	-32.1	-38.2	-45.1	-7.2	-7.2	-7.3	-7.3	-8.2	-8.2	-8.4	-8.5	-9.9	-9.9	-10.0	-10.2	-11.5	-11.5	-11.8	-11.4
Interest receipts.....	43	-11.2	-10.5	-10.1	-9.8	-2.6	-2.8	-2.9	-2.9	-2.6	-2.5	-2.5	-2.5	-2.6	-2.6	-2.5	-2.5	-2.4	-2.4	-2.4	-2.4
Current surplus of government enterprises.....	44	-2.5	-0.2	5.2	3.7	-1.5	-1.5	1.8	-1.2	-1.1	-1.0	3.1	0.3	0.3	0.3	4.3	-0.2	-0.1	-0.1	4.1	-0.6
Other ⁵	45	-43.0	-46.9	-31.9	-57.1	-10.5	-11.1	-12.6	-9.8	-11.6	-12.2	-13.3	-11.4	-12.3	-13.0	4.8	-11.7	-14.4	-15.0	-16.0	-12.3
Plus: Timing differences.....	46	-1.6	1.6	8.9	-13.6	8.4	1.7	-5.7	-5.4	7.9	3.4	-4.3	-6.9	7.4	2.5	5.9	-15.1	-4.9	6.5	0.0	-5.1
Purchases (increase in payables net of advances).....	47	-2.4	-0.3	4.3	1.2	3.4	-0.7	-0.8	-4.9	3.0	0.9	0.8	-6.0	4.8	-0.2	-2.9	-8.3	3.3	3.2	3.0	-7.9
Interest payments.....	48	-2.1	-2.0	-0.9	-1.2	0.1	0.6	-3.2	-0.1	0.7	0.8	-3.4	1.6	0.9	0.9	-4.3	1.5	-0.5	3.4	-5.6	0.5
Current transfer payments.....	49	1.8	2.5	-7.9	1.2	5.2	0.1	1.0	-2.7	4.8	0.1	0.5	-4.5	1.9	-0.1	-5.1	0.4	-2.8	-0.1	3.8	0.8
Other ¹³	50	1.2	1.4	22.0	-14.8	-0.4	1.6	-2.7	2.4	-0.5	1.8	-2.2	1.9	-0.2	2.0	18.3	-8.7	-4.9	0.0	-1.1	1.5
Equals: Federal Government current expenditures, national income and product accounts	51	2,217.6	2,344.4	2,518.9	2,685.6	540.7	570.9	552.4	588.1	584.2	589.0	583.1	623.2	626.6	634.2	634.9	665.9	678.9	681.1	659.6	696.2
Net Federal Government saving																					
Budget surplus or deficit (-) (1-20)	52	-377.6	-412.7	-318.3	-248.2	-144.7	-16.0	-108.2	-130.1	-171.1	-25.7	-85.8	-117.6	-175.2	44.9	-70.4	-119.3	-183.6	96.5	-41.8	-80.4
Plus: Net investment (30).....	53	2.3	6.1	10.3	13.9	-1.6	1.1	3.1	0.7	0.8	0.9	3.7	2.5	0.2	5.7	3.1	3.1	3.3	4.5	3.5	3.5
Less: Net capital transfers received (5-31).....	54	-23.7	-21.8	-23.1	-23.5	-2.8	-6.0	-9.1	-5.7	-3.7	-4.0	-8.4	-5								

Table 3.19. Relation of State and Local Government Current Receipts and Expenditures in the National Income and Product Accounts to Bureau of Census Government Finances Data, Fiscal Years
[Billions of dollars]

	Line	2003	2004	2005	2006
Current receipts					
Census total revenue	1	2,051.4	2,435.1	2,523.0	
Less: Coverage differences.....	2	215.5	472.7	427.7	
State and local employee retirement plan transactions ¹	3	116.1	365.3	316.2	
Contributions ²	4	47.4	49.8	54.0	
Interest received ³	5	57.9	65.0	59.7	
Dividends received ³	6	14.8	18.2	23.7	
Capital gains net of losses ⁴	7	-4.0	232.3	178.8	
Unemployment insurance fund contributions and earnings ⁵	8	35.3	38.4	35.4	
Certain grant programs.....	9	16.3	18.1	18.6	
Capital transfers received ⁶	10	50.5	51.3	54.1	
Financial transactions ⁴	11	3.6	3.8	4.4	
Sale of land.....	12	1.3	1.5	2.1	
Certain dividends.....	13	-1.4	-1.5	-1.7	
Current surplus of Indian tribal government enterprises.....	14	-1.0	-1.2	-1.4	
Imputed interest received and net insurance settlements.....	15	-5.2	-3.0	-0.1	
Less: Netting and grossing differences.....	16	387.3	409.0	436.3	
Current expenditures of government enterprises ⁷	17	190.6	203.1	218.4	
Government sales included in Census total revenue ⁸	18	195.8	207.3	222.4	
Insurance claims included in Census total revenue.....	19	1.7	-0.4	-3.4	
Employer contributions to own social insurance funds.....	20	-0.8	-1.0	-1.0	
Plus: Timing and other differences ⁹	21	-15.8	0.8	1.0	
Corporate profits taxes timing differences ⁹	22	2.7	5.0	8.0	
Other timing differences and other ⁹	23	-18.5	-4.2	-7.0	
Equals: State and local government current receipts, national income and product accounts	24	1,432.8	1,554.2	1,660.0	
Current expenditures					
Census total expenditures	25	2,172.2	2,265.1	2,372.1	
Less: Coverage differences.....	26	290.5	282.6	282.8	
State and local employee retirement plan transactions ¹⁰	27	108.7	103.4	118.8	
Employer contributions to own retirement plans.....	28	-26.6	-42.0	-37.3	
Benefits paid.....	29	127.6	137.5	145.8	
Administrative expenses.....	30	7.7	7.9	10.2	
Unemployment insurance fund benefits paid ⁵	31	51.5	43.3	29.9	
Net investment ¹¹	32	132.0	136.8	133.2	
Services provided without payment by domestic securities brokers.....	33	-0.9	-1.1	-1.2	
Purchases of land.....	34	12.7	12.8	12.9	
Indian tribal government expenditures.....	35	-8.3	-9.7	-10.7	
Imputed banking and insurance services.....	36	-5.2	-3.0	-0.1	
Other.....	37	0.0	0.0		
Less: Netting and grossing differences.....	38	387.3	409.0	436.3	
Current expenditures of government enterprises ⁷	39	190.6	203.1	218.4	
Government sales included in Census total revenue ⁸	40	195.8	207.3	222.4	
Insurance claims included in Census total revenue.....	41	1.7	-0.4	-3.4	
Employer contributions to own social insurance funds.....	42	-0.8	-1.0	-1.0	
Plus: Timing and other differences ⁹	43	-11.4	-21.7	-14.8	
Equals: State and local government current expenditures, national income and product accounts	44	1,483.0	1,551.7	1,638.1	
Net state and local government saving					
Census total revenue less Census total expenditures (1-25)	45	-120.7	170.0	150.9	
Plus: Net investment (32).....	46	132.0	136.8	133.2	
Less: Net capital transfers received (10).....	47	50.5	51.3	54.1	
State and local employee retirement plans (3-27).....	48	7.4	261.9	197.4	
Other coverage differences (8+9+11+12+13+14+15-31-33-34-35-36-37).....	49	-0.9	13.7	26.4	
Timing and other differences (43-21).....	50	4.4	-22.5	-15.8	
Equals: State and local government net saving, national income and product accounts (24-44)	51	-50.1	2.5	21.9	

1. Contributions received, interest received, and dividends received are included in the NIPA personal sector. Capital gains net of losses are excluded from the NIPAs.

2. Consists of employer and employee contributions, except employer contributions to their own employee retirement plans.

3. Prior to 1968, dividends received is included in interest received (line 5).

4. Prior to 1985, capital gains (net of losses) of state and local employee retirement plans is included in line 11.

5. Unemployment insurance is recorded as a Federal program in the NIPAs.

6. Consists of estate and gift taxes and Federal investment grants.

7. Excludes current expenditures of Indian tribal government enterprises.

8. In the NIPAs, final expenditure components of GDP are recorded net of sales or receipts; all current-account sales by general government are therefore deducted in the calculation of NIPA current expenditures. However, most sales by general government are included in Census total revenue; a reconciliation item for

these sales is therefore required for both receipts and expenditures. The amount of the reconciliation item is less than the sales shown in table 3.10.5 because Census total revenue does not include medical vendor payments made by state and local governments to public institutions (classified as an intragovernmental transaction by Census) or the administrative expenses of state and local employee retirement plans (treated in the NIPAs as sales by government to the personal sector).

9. Includes timing differences that arise from restating the Census Bureau data to a year ending June 30. Census Bureau measures of state and local government revenue and expenditures (lines 1 and 25) primarily represent a fiscal year ending June 30, but some governments use other fiscal years. The NIPA measures shown in this table are for the fiscal year ending June 30, and are consistent with the not seasonally adjusted estimates in table 8.4.

10. These transactions are included in the NIPA personal sector.

11. Net investment is gross investment less consumption of fixed capital for government enterprises and general government.

Table 3.20. State Government Current Receipts and Expenditures

[Billions of dollars]

	Line	2003	2004	2005	2006
Current receipts	1	990.2	1,068.6	1,153.4	1,210.8
Current tax receipts.....	2	562.6	611.8	678.5	725.4
Personal current taxes.....	3	202.2	221.6	247.2	270.1
Income taxes.....	4	186.2	204.6	229.7	251.9
Other.....	5	16.0	17.0	17.5	18.3
Taxes on production and imports.....	6	328.6	351.9	380.6	399.9
Sales taxes.....	7	281.8	300.1	321.1	337.0
Property taxes.....	8	9.3	8.7	9.1	9.5
Other.....	9	37.5	43.2	50.4	53.4
Taxes on corporate income.....	10	31.8	38.4	50.7	55.4
Contributions for government social insurance.....	11	19.8	23.6	25.5	26.0
Income receipts on assets.....	12	41.6	43.6	47.1	50.7
Interest receipts.....	13	34.9	36.0	38.7	41.3
Dividends.....	14	2.2	2.4	2.4	2.6
Rents and royalties.....	15	4.5	5.1	6.0	6.8
Current transfer receipts.....	16	356.2	378.6	391.6	397.5
Federal grants-in-aid.....	17	301.9	321.8	330.8	332.2
Local government grants-in-aid.....	18	16.2	18.0	19.5	20.2
From business (net).....	19	15.6	14.8	15.4	17.3
From persons.....	20	22.5	24.1	25.9	27.7
Current surplus of government enterprises.....	21	10.2	11.0	10.7	11.2
Current expenditures	22	1,069.0	1,123.3	1,181.6	1,228.4
Consumption expenditures.....	23	328.3	335.5	355.7	379.1
Current transfer payments.....	24	697.0	741.7	777.5	798.3
Government social benefit payments to persons.....	25	325.7	354.9	373.7	370.3
Grants-in-aid to local governments.....	26	371.4	386.8	403.8	428.1
Interest payments.....	27	32.4	33.9	35.1	36.7
Subsidies.....	28	11.3	12.2	13.2	14.2
Less: Wage accruals less disbursements.....	29	0.0	0.0	0.0	0.0
Net state government saving	30	-78.8	-54.7	-28.2	-17.6
Social insurance funds.....	31	3.8	7.1	8.0	7.1
Other.....	32	-82.6	-61.8	-36.3	-24.7
Addenda:					
Total receipts	33	1,017.5	1,096.3	1,182.3	1,240.6
Current receipts.....	34	990.2	1,068.6	1,153.4	1,210.8
Capital transfer receipts.....	35	27.3	27.7	28.9	29.8
Total expenditures	36	1,113.4	1,166.7	1,226.9	1,279.2
Current expenditures.....	37	1,069.0	1,123.3	1,181.6	1,228.4
Gross government investment.....	38	89.6	91.9	99.7	109.8
Net purchases of nonproduced assets.....	39	3.3	3.1	3.0	3.2
Less: Consumption of fixed capital.....	40	48.6	51.5	57.4	62.2
Net lending or net borrowing (-)	41	-95.8	-70.4	-44.6	-38.5

Note: State receipts plus local receipts and state expenditures plus local expenditures do not sum to the consolidated state and local government account totals because grants-in-aid from states to local governments and from local to state governments are netted in the consolidated account totals. In addition, the

receipt category "surplus of government enterprises" and the expenditure category "subsidies" do not sum to the consolidated account totals because the level of government making subsidy payments accounts for them as subsidies while recipient governments account for them as surpluses of government enterprises.

Table 3.21. Local Government Current Receipts and Expenditures

[Billions of dollars]

	Line	2003	2004	2005	2006
Current receipts	1	903.8	943.6	991.1	1,050.5
Current tax receipts	2	416.9	449.3	477.5	506.9
Personal current taxes	3	24.5	27.4	29.5	31.0
Income taxes	4	18.3	20.4	22.1	23.2
Other	5	6.2	7.0	7.4	7.8
Taxes on production and imports	6	388.9	417.3	442.0	468.9
Sales taxes	7	65.9	69.9	74.2	78.4
Property taxes	8	298.5	318.9	337.2	358.4
Other	9	24.4	28.5	30.6	32.1
Taxes on corporate income	10	3.5	4.7	6.0	7.0
Contributions for government social insurance	11				
Income receipts on assets	12	31.3	31.8	33.9	36.5
Interest receipts	13	27.9	28.2	30.3	32.6
Dividends	14				
Rents and royalties	15	3.4	3.5	3.7	3.9
Current transfer receipts	16	454.0	463.4	486.5	513.7
Federal grants-in-aid	17	36.6	27.3	30.4	26.3
State government grants-in-aid	18	371.4	386.8	403.8	428.1
From business (net)	19	17.9	17.4	17.9	23.3
From persons	20	28.1	31.9	34.4	36.0
Current surplus of government enterprises	21	1.6	-0.9	-6.8	-6.6
Current expenditures	22	845.4	887.4	947.7	1,008.3
Consumption expenditures	23	745.5	784.8	841.4	897.3
Current transfer payments	24	43.5	46.9	49.6	50.7
Government social benefit payments to persons	25	27.3	28.9	30.1	30.5
Grants-in-aid to state governments	26	16.2	18.0	19.5	20.2
Interest payments	27	55.3	54.4	55.2	58.7
Subsidies	28	1.1	1.3	1.5	1.6
Less: Wage accruals less disbursements	29	0.0	0.0	0.0	0.0
Net local government saving	30	58.5	56.2	43.4	42.2
Social insurance funds	31				
Other	32	58.5	56.2	43.4	42.2
Addenda:					
Total receipts	33	928.1	968.0	1,016.4	1,077.5
Current receipts	34	903.8	943.6	991.1	1,050.5
Capital transfer receipts	35	24.2	24.4	25.2	27.0
Total expenditures	36	946.3	989.4	1,047.5	1,120.5
Current expenditures	37	845.4	887.4	947.7	1,008.3
Gross government investment	38	172.6	179.1	188.1	204.3
Net purchases of nonproduced assets	39	7.5	7.5	7.6	8.0
Less: Consumption of fixed capital	40	79.2	84.6	95.9	100.1
Net lending or net borrowing (-)	41	-18.3	-21.3	-31.1	-42.9

NOTE: State receipts plus local receipts and state expenditures plus local expenditures do not sum to the consolidated state and local government account totals because grants-in-aid from states to local governments and from local to state governments are netted in the consolidated account totals. In addition, the

receipt category "surplus of government enterprises" and the expenditure category "subsidies" do not sum to the consolidated account totals because the level of government making subsidy payments accounts for them as subsidies while recipient governments account for them as surpluses of government enterprises.

Table 7.19. Comparison of Personal Income in the National Income and Product Accounts with Adjusted Gross Income as Published by the Internal Revenue Service

[Billions of dollars]

	Line	2003	2004	2005	2006
Personal income, NIPAs	1	9,163.6	9,727.2	10,301.1	10,983.4
Less: Portion of personal income not included in adjusted gross income	2	3,368.7	3,575.8	3,662.4	.....
Nontaxable personal current transfer receipts	3	1,187.3	1,262.4	1,350.1	.....
Employer contributions for employee pension and insurance funds	4	815.6	868.5	927.7	.....
Imputed income in personal income ¹	5	271.6	274.1	208.4	.....
Investment income of life insurance carriers and pension plans	6	429.2	435.3	492.1	.....
Investment income received by nonprofit institutions or retained by fiduciaries	7	55.8	62.1	63.7	.....
Differences in accounting treatment between NIPAs and tax regulations, net	8	142.0	157.3	43.0	.....
Other personal income exempt or excluded from adjusted gross income	9	467.2	516.2	577.4	.....
Plus: Portion of adjusted gross income not included in personal income	10	1,440.0	1,735.1	2,069.7	.....
Employee and self-employed contributions for government social insurance	11	396.5	420.5	445.7	475.7
Net gain from the sale of assets	12	294.0	476.2	671.7	.....
Taxable pensions	13	491.4	522.7	560.0	.....
Small business corporation income	14	148.6	195.1	250.7	.....
Other types of income	15	109.4	120.6	141.6	.....
Equals: BEA-derived adjusted gross income	16	7,234.9	7,886.4	8,708.4	.....
Adjusted gross income, IRS	17	6,207.1	6,788.8	7,422.5	.....
Adjusted gross income (AGI) gap ²	18	1,027.8	1,097.6	1,285.9	.....
AGI gap (line 18) as a percentage of BEA-derived AGI (line 16)	19	14.2	13.9	14.8	.....
AGI of IRS (line 17) as a percentage of BEA-derived AGI (line 16)	20	85.8	86.1	85.2	.....
Addenda:					
Misreporting adjustment included in personal income ³	21	425.4	461.0	507.9	.....
AGI gap less misreporting adjustment (line 18–line 21)	22	602.3	636.6	778.0	.....
AGI gap less misreporting adjustment (line 22) as a percentage of BEA-derived AGI (line 16)	23	8.3	8.1	8.9	.....

1. Consists of the imputations included in personal income shown in table 7.12 except for employer contributions for health and life insurance (line 174). In table 7.19, these premiums are included in line 4.

2. Consists of income earned by low-income individuals who are not required to file income tax returns, of unreported income that is included in the NIPA measure, and of gross errors and omissions in lines 2 through 15. Also includes the net effect of errors in the IRS adjusted gross income (line 17) and NIPA

personal income (line 1) measures. Such errors can arise from the sample used by IRS to estimate line 17 and from the source data used by BEA to estimate line 1.

3. The misreporting adjustment consists of estimates of income that is unreported or underreported on tax returns and that is included in the NIPA measure. IRS Internal Revenue Service

Table 8.1. Gross Domestic Product, Not Seasonally Adjusted

[Billions of dollars; quarterly totals not seasonally adjusted]

Line	2003				2004				2005				2006				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
Gross domestic product	1	2,614.8	2,699.7	2,787.8	2,858.5	2,792.6	2,882.2	2,966.5	3,044.6	2,962.7	3,060.6	3,170.1	3,240.6	3,151.2	3,274.8	3,349.0	3,419.8
Personal consumption expenditures	2	1,838.6	1,909.4	1,936.3	2,019.4	1,959.9	2,033.8	2,051.4	2,150.8	2,067.1	2,155.5	2,197.2	2,288.0	2,195.4	2,297.9	2,325.4	2,405.7
Durable goods.....	3	208.8	238.2	240.9	254.8	224.3	246.6	246.8	266.2	231.2	261.6	262.2	268.9	237.2	263.8	265.4	282.6
Nondurable goods.....	4	504.8	539.2	549.6	596.6	540.5	580.4	583.5	639.4	569.7	617.1	638.7	690.7	611.6	673.1	682.4	720.9
Services.....	5	1,125.0	1,132.0	1,145.7	1,168.0	1,195.1	1,206.8	1,221.2	1,245.2	1,266.2	1,276.8	1,296.3	1,328.4	1,346.7	1,361.0	1,377.6	1,402.3
Gross private domestic investment	6	394.8	401.5	438.4	429.2	435.6	465.8	500.2	486.9	495.7	506.3	543.3	531.9	534.7	559.3	578.8	536.4
Fixed investment.....	7	373.2	414.5	431.6	430.5	409.2	463.0	479.7	478.1	459.3	518.6	535.8	526.6	503.6	554.0	560.4	544.5
Nonresidential.....	8	252.6	271.3	274.3	279.1	268.1	288.8	293.4	304.2	296.7	321.2	324.0	330.2	331.8	354.3	355.5	356.1
Structures.....	9	63.4	70.7	72.5	70.7	67.1	74.3	78.2	78.6	83.3	86.3	88.8	89.1	101.2	106.9	107.9	107.9
Equipment and software.....	10	189.2	200.7	201.9	208.4	201.0	214.5	215.2	225.5	220.5	237.9	237.7	241.4	242.7	253.1	248.6	248.2
Residential.....	11	120.6	143.1	157.3	151.4	141.1	174.1	186.3	173.9	162.6	197.4	211.8	196.4	171.8	199.7	204.9	188.4
Change in private inventories.....	12	21.7	-12.9	6.8	-1.3	26.4	2.8	20.5	8.8	36.4	-12.3	7.5	5.3	31.1	5.2	18.4	-8.1
Net exports of goods and services	13	-110.8	-126.9	-134.8	-126.9	-122.1	-153.9	-168.5	-170.9	-151.2	-174.2	-194.0	-195.2	-173.5	-198.9	-213.2	-176.3
Exports.....	14	249.7	253.9	258.6	278.6	283.3	294.1	294.6	310.4	311.0	327.6	327.1	343.7	347.9	366.0	367.5	386.2
Goods.....	15	175.1	180.1	175.2	194.0	196.6	206.0	201.3	214.4	215.2	230.3	222.9	238.7	244.3	260.1	255.9	270.3
Services.....	16	74.6	73.8	83.4	84.6	86.7	88.1	93.3	96.0	95.8	97.3	104.3	105.0	103.6	105.9	111.6	116.0
Imports.....	17	360.5	380.8	393.3	405.5	405.4	448.0	463.1	481.3	462.2	501.7	521.2	538.9	521.4	565.0	580.6	562.6
Goods.....	18	301.9	317.6	325.0	339.4	338.2	372.0	384.3	405.0	388.1	419.4	436.9	457.6	440.8	475.0	489.9	474.7
Services.....	19	58.6	63.2	68.4	66.1	67.2	76.0	78.8	76.3	74.0	82.3	84.3	81.3	80.7	89.9	90.7	87.9
Government consumption expenditures and gross investment	20	492.2	515.6	547.9	536.7	519.3	536.5	583.4	577.7	551.0	572.9	623.6	615.9	594.6	616.5	658.0	654.0
Federal.....	21	168.3	182.1	204.7	201.3	189.4	191.1	223.6	221.6	201.7	203.9	238.8	234.0	219.9	218.9	245.3	248.4
National defense.....	22	109.6	120.9	127.1	139.8	127.1	128.3	140.4	155.0	135.5	137.6	151.9	163.7	144.9	146.2	154.6	178.6
Nondefense.....	23	58.8	61.2	77.7	61.6	62.3	62.8	83.2	66.6	66.2	66.3	87.0	70.4	75.0	72.7	90.7	69.8
State and local.....	24	323.8	333.6	343.2	335.4	330.0	345.4	359.8	356.1	349.3	369.0	384.8	381.9	374.7	397.7	412.6	405.5
Addendum:																	
Gross national product.....	25	2,624.6	2,713.9	2,800.5	2,878.6	2,816.4	2,900.5	2,986.1	3,059.0	2,979.9	3,077.7	3,190.7	3,254.1	3,166.5	3,291.2	3,359.2	3,435.9

Table 8.2. Personal Consumption Expenditures by Major Type of Product, Not Seasonally Adjusted

[Billions of dollars; quarterly totals not seasonally adjusted]

Line	2003				2004				2005				2006				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
Personal consumption expenditures	1	1,838.6	1,909.4	1,936.3	2,019.4	1,959.9	2,033.8	2,051.4	2,150.8	2,067.1	2,155.5	2,197.2	2,288.0	2,195.4	2,297.9	2,325.4	2,405.7
Durable goods	2	208.8	238.2	240.9	254.8	224.3	246.6	246.8	266.2	231.2	261.6	262.2	268.9	237.2	263.8	265.4	282.6
Motor vehicles and parts.....	3	97.3	116.1	115.2	103.2	101.6	115.3	114.0	105.9	103.6	122.3	120.2	98.8	101.1	115.3	115.0	102.8
Furniture and household equipment.....	4	72.9	77.8	81.3	99.5	80.3	83.8	86.2	105.4	83.8	89.2	92.7	112.5	90.1	96.0	98.8	119.2
Other.....	5	38.6	44.3	44.4	52.1	42.4	47.4	46.5	55.0	43.8	50.0	49.4	57.5	45.9	52.5	51.6	60.6
Nondurable goods	6	504.8	539.2	549.6	596.6	540.5	580.4	583.5	639.4	569.7	617.1	638.7	690.7	611.6	673.1	682.4	720.9
Food.....	7	242.9	261.9	266.5	274.7	260.7	278.8	281.9	291.6	272.9	296.2	302.5	312.3	289.8	316.0	321.8	331.7
Clothing and shoes.....	8	64.2	73.8	75.3	97.6	69.3	76.8	77.5	101.4	71.7	80.1	82.4	107.5	74.6	85.0	86.1	111.5
Gasoline, fuel oil, and other energy goods.....	9	52.8	51.1	53.6	52.1	56.6	64.1	62.7	66.3	65.1	73.0	83.4	80.3	77.5	92.7	93.3	76.6
Gasoline and oil.....	10	46.8	48.0	50.5	47.3	50.5	60.7	59.4	60.9	58.0	68.9	79.6	74.3	70.0	88.6	89.5	70.4
Fuel oil and coal.....	11	6.0	3.1	3.0	4.8	6.1	3.4	3.3	5.4	7.1	4.2	3.8	6.0	7.5	4.1	3.8	6.2
Other.....	12	144.8	152.5	154.2	172.3	153.8	160.6	161.3	180.2	160.1	167.8	170.3	190.6	169.7	179.5	181.1	201.1
Services	13	1,125.0	1,132.0	1,145.7	1,168.0	1,195.1	1,206.8	1,221.2	1,245.2	1,266.2	1,276.8	1,296.3	1,328.4	1,346.7	1,361.0	1,377.6	1,402.3
Housing.....	14	285.3	288.3	292.8	295.5	299.6	305.2	310.1	312.0	317.0	323.0	328.2	330.5	336.0	343.5	349.7	352.2
Household operation.....	15	113.1	100.4	105.0	110.9	119.0	104.3	108.7	116.9	123.7	109.7	117.9	129.8	131.9	116.1	123.9	129.8
Electricity and gas.....	16	48.1	35.2	39.4	44.6	51.9	36.3	39.8	47.5	53.8	39.4	47.1	58.4	59.8	43.6	51.0	55.4
Other household operation.....	17	65.0	65.2	65.6	66.3	67.1	68.0	69.0	69.5	69.9	70.2	70.7	71.4	72.1	72.4	72.8	74.4
Transportation.....	18	73.0	74.3	75.0	75.0	75.6	77.1	77.5	78.0	78.9	81.1	81.9	82.3	83.5	85.6	85.7	85.9
Medical care.....	19	317.3	322.7	327.2	333.3	339.9	346.0	352.0	357.5	364.1	369.5	375.7	383.3	390.1	394.8	398.7	404.1
Recreation.....	20	77.1	78.7	81.2	80.8	83.5	85.0	87.1	86.2	88.0	89.0	90.8	91.0	92.6	93.9	97.1	97.3
Other.....	21	259.3	267.8	264.6	272.5	277.6	289.3	285.7	294.6	294.4	304.6	301.9	311.5	312.6	327.2	322.5	332.9
Addenda:																	
Energy goods and services ¹	22	100.9	86.3	93.0	96.7	108.5	100.3	102.5	113.8	118.9	112.5	130.5	138.7	137.3	136.3	144.4	132.0
Personal consumption expenditures excluding food and energy.....	23	1,494.7	1,561.3	1,576.7	1,648.1	1,590.6	1,654.6	1,667.0	1,745.5	1,675.3	1,746.8	1,764.2	1,837.1	1,768.3	1,845.7	1,859.2	1,942.0

1. Consists of gasoline, fuel oil, and other energy goods and of electricity and gas.

Table 8.3. Federal Government Current Receipts and Expenditures, Not Seasonally Adjusted
 [Billions of dollars; quarterly totals not seasonally adjusted]

Line	2003				2004				2005				2006			
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
	Current receipts	455.1	520.3	451.1	453.4	471.2	536.5	499.5	501.7	522.2	647.7	531.5	542.0	573.3	743.6	599.7	579.1
Current tax receipts	237.7	298.7	267.4	267.1	240.9	304.1	301.7	305.5	279.3	401.7	342.5	339.2	307.6	482.4	386.3	361.2
Personal current taxes	168.1	225.1	191.2	190.0	160.6	217.4	210.7	208.6	177.4	292.3	235.8	227.0	194.0	357.3	259.5	242.3
Taxes on production and imports	22.0	22.1	22.6	22.9	22.7	23.3	24.3	24.3	23.4	24.9	25.5	25.2	24.1	24.4	25.3	24.7
Taxes on corporate income	45.7	48.9	51.6	51.6	55.3	61.2	64.6	69.2	75.7	82.1	78.0	84.0	86.9	98.0	98.7	89.4
Taxes from the rest of the world	1.8	2.6	1.9	2.6	2.4	2.2	2.1	3.3	2.8	2.4	3.2	3.1	2.5	2.6	2.8	4.6
Contributions for government social insurance	204.9	208.1	172.0	173.9	216.4	218.3	186.6	184.0	229.5	232.2	197.6	189.9	250.8	246.1	200.8	204.0
Income receipts on assets	4.8	5.5	7.7	4.9	5.6	5.8	7.3	5.0	6.0	6.3	7.7	4.6	6.0	5.9	7.8	5.0
Current transfer receipts	6.3	6.5	5.8	6.4	7.2	7.2	7.0	7.5	7.6	7.9	-12.0	8.1	8.8	9.0	9.0	8.3
Current surplus of government enterprises	1.5	1.5	-1.8	1.2	1.1	1.0	-3.1	-0.3	-0.3	-0.3	-4.3	0.2	0.1	0.1	-4.1	0.6
Current expenditures	540.7	570.9	552.4	588.1	584.2	589.0	583.1	623.2	626.6	634.2	634.9	665.9	678.9	681.1	659.6	696.2
Consumption expenditures	147.5	158.4	178.9	177.9	165.6	166.8	196.3	195.1	177.2	177.4	208.2	205.6	191.0	189.4	214.3	218.1
Current transfer payments	340.9	333.8	320.2	333.9	366.7	345.8	331.1	347.0	389.4	366.8	359.7	363.2	422.3	393.5	369.4	391.0
Government social benefits	255.8	238.7	233.5	238.6	272.4	249.4	244.7	248.8	289.7	266.4	266.7	259.6	326.6	292.3	275.9	293.0
To persons	255.1	238.0	232.7	237.9	271.6	248.7	244.0	248.0	288.9	265.6	266.0	258.8	325.8	291.5	275.1	292.2
To the rest of the world	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9
Other current transfer payments	85.1	95.1	86.7	95.3	94.3	96.4	86.4	98.2	99.7	100.4	92.9	103.6	95.7	101.2	93.5	97.9
Grants-in-aid to state and local governments	79.1	88.9	81.0	89.5	86.1	91.1	80.9	91.0	90.2	94.0	84.3	92.6	89.3	93.7	85.2	90.4
To the rest of the world (net)	6.0	6.2	5.7	5.8	8.3	5.3	5.4	7.2	9.5	6.4	8.6	11.0	6.4	7.5	8.2	7.5
Interest payments	42.0	64.7	41.5	64.6	41.4	65.9	44.9	68.8	46.3	75.7	52.4	81.5	52.4	86.0	64.2	75.0
To persons and business	23.9	46.9	22.8	45.4	22.7	45.4	23.8	46.5	22.4	50.6	26.0	53.1	21.9	53.0	29.9	38.9
To the rest of the world	18.1	17.8	18.7	19.3	18.7	20.4	21.1	22.3	23.9	25.1	26.4	28.5	30.5	32.9	34.3	36.0
Subsidies	10.3	14.0	11.9	11.6	10.5	10.6	10.7	12.3	13.7	14.3	14.6	15.5	13.2	12.3	11.7	12.2
Less: Wage accruals less disbursements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net Federal Government saving	-85.6	-50.6	-101.3	-134.6	-113.0	-52.5	-83.6	-121.5	-104.4	13.5	-103.4	-123.9	-105.6	62.5	-59.9	-117.1
Addenda:																
Gross government investment	20.8	23.7	25.8	23.4	23.8	24.3	27.3	26.5	24.5	26.5	30.7	28.3	28.9	29.4	31.0	30.4
Consumption of fixed capital	22.4	22.6	22.7	22.7	23.0	23.4	23.6	24.0	24.3	24.5	24.9	25.3	25.8	26.2	26.6	26.9

Table 8.4. State and Local Government Current Receipts and Expenditures, Not Seasonally Adjusted
 [Billions of dollars; quarterly totals not seasonally adjusted]

Line	2003				2004				2005				2006			
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
	Current receipts	360.8	366.7	352.5	414.2	390.1	397.4	362.9	443.8	418.9	434.3	389.8	463.9	439.7	462.2	407.5	488.3
Current tax receipts	238.2	233.9	227.3	280.0	258.3	259.6	238.8	304.4	280.2	291.4	258.5	325.9	299.6	317.0	270.3	345.4
Personal current taxes	53.5	61.7	54.9	56.5	57.5	71.6	58.1	61.8	63.9	84.6	63.0	65.2	69.8	96.7	66.7	67.9
Taxes on production and imports	176.7	163.5	163.1	214.2	191.4	177.5	169.6	230.7	202.8	192.2	181.8	245.9	215.3	203.9	187.1	262.4
Taxes on corporate income	8.0	8.7	9.3	9.4	9.5	10.5	11.1	11.9	13.5	14.6	13.8	14.8	14.5	16.4	16.5	15.0
Contributions for government social insurance	4.5	4.8	5.1	5.4	5.6	5.8	6.0	6.2	6.2	6.3	6.4	6.5	6.5	6.5	6.5	6.5
Income receipts on assets	18.5	18.2	18.1	18.1	18.3	18.6	19.0	19.5	19.6	20.0	20.4	20.9	21.4	21.7	22.0	22.1
Current transfer receipts	99.6	109.8	102.2	111.1	108.4	114.1	100.0	114.8	114.0	118.1	109.9	112.8	114.5	119.5	111.6	117.3
Federal grants-in-aid	79.1	88.9	81.0	89.5	86.1	91.1	80.9	91.0	90.2	94.0	84.3	92.6	89.3	93.7	85.2	90.4
From business (net)	8.2	8.3	8.4	8.6	8.9	9.1	4.8	9.3	9.1	9.1	10.4	4.7	9.8	10.0	10.3	10.5
From persons	12.4	12.5	12.7	13.0	13.4	13.8	14.2	14.5	14.8	15.0	15.2	15.4	15.5	15.8	16.1	16.4
Current surplus of government enterprises	0.1	0.0	-0.2	-0.4	-0.5	-0.7	-0.8	-1.0	-1.2	-1.6	-5.4	-2.1	-2.3	-2.5	-2.9	-2.9
Current expenditures	373.1	377.3	380.3	383.9	389.2	398.4	398.3	406.9	410.5	422.4	424.9	433.9	431.3	442.6	447.4	451.8
Consumption expenditures	266.3	266.7	269.1	271.7	274.8	277.5	281.2	286.8	290.7	295.6	302.2	308.7	311.8	317.5	321.9	325.2
Government social benefit payments to persons	85.2	88.7	89.5	89.6	92.2	98.7	95.0	98.0	97.5	104.3	99.9	102.1	95.9	101.2	101.3	102.4
Interest payments	21.6	21.8	22.0	22.3	22.1	22.1	22.0	22.1	22.3	22.4	22.7	23.0	23.5	23.8	24.1	24.0
Subsidies	0.0	0.1	-0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Less: Wage accruals less disbursements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net state and local government saving	-12.3	-10.6	-27.9	30.3	0.9	-0.9	-35.3	36.9	8.4	11.9	-35.1	30.0	8.4	19.6	-40.0	36.5
Addenda:																
Gross government investment	57.5	66.9	74.1	63.7	55.2	67.8	78.6	69.3	58.6	73.4	82.6	73.2	62.9	80.1	90.7	80.3
Consumption of fixed capital	31.5	31.8	32.1	32.4	32.7	33.4	34.5	35.5	36.1	37.0	41.6	38.7	39.2	40.2	41.0	41.9

Table 8.5. Foreign Transactions in the National Income and Product Accounts, Not Seasonally Adjusted

[Billions of dollars; quarterly totals not seasonally adjusted]

	Line	2003				2004				2005				2006			
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
		Current receipts from the rest of the world	1	328.5	335.7	342.6	370.7	384.6	401.6	405.5	428.2	435.2	459.6	466.0	492.7	505.5	539.6	544.3	569.7
Exports of goods and services	2	249.7	253.9	258.6	278.6	283.3	294.1	294.6	310.4	311.0	327.6	327.1	343.7	347.9	366.0	367.5	386.2
Goods ¹	3	175.1	180.1	175.2	194.0	196.6	206.0	201.3	214.4	215.2	230.3	222.9	238.7	244.3	260.1	255.9	270.3
Services ¹	4	74.6	73.8	83.4	84.6	86.7	88.1	93.3	96.0	95.8	97.3	104.3	105.0	103.6	105.9	111.6	116.0
Income receipts	5	78.8	81.9	84.0	92.1	101.3	107.5	110.9	117.8	124.2	132.0	138.8	149.0	157.6	173.6	176.8	183.4
Current payments to the rest of the world	6	447.5	465.0	481.9	495.5	506.2	557.7	572.1	608.1	597.7	640.4	649.2	701.3	685.8	745.1	771.3	750.9
Imports of goods and services	7	360.5	380.8	393.3	405.5	405.4	448.0	463.1	481.3	462.2	501.7	521.2	538.9	521.4	565.0	580.6	562.6
Goods ¹	8	301.9	317.6	325.0	339.4	338.2	372.0	384.3	405.0	388.1	419.4	436.9	457.6	440.8	475.0	489.9	474.7
Services ¹	9	58.6	63.2	68.4	66.1	67.2	76.0	78.8	76.3	74.0	82.3	84.3	81.3	80.7	89.9	90.7	87.9
Income payments	10	69.0	67.6	71.3	72.0	77.5	89.1	91.3	103.4	106.9	114.9	118.2	135.5	142.3	157.2	166.6	167.4
Current taxes and transfer payments to the rest of the world (net)	11	18.0	16.6	17.2	18.0	23.2	20.6	17.7	23.4	28.6	23.8	9.8	26.8	22.1	23.0	24.0	20.9
From persons (net)	12	10.4	9.7	9.8	10.4	11.0	10.4	11.4	10.3	13.0	11.1	11.8	11.4	11.8	12.0	12.6	12.5
From government (net)	13	4.9	4.3	4.5	3.9	6.6	3.8	4.1	4.7	7.5	4.8	6.2	8.7	4.7	5.7	6.2	3.7
From business (net)	14	2.7	2.5	3.0	3.7	5.6	6.4	2.2	8.4	8.1	8.0	-8.2	6.7	5.6	5.3	5.3	4.8
Balance on current account, NIPAs	15	-119.0	-129.2	-139.3	-124.8	-121.6	-156.1	-166.6	-179.9	-162.5	-180.8	-183.2	-208.5	-180.3	-205.5	-227.0	-181.2

1. Exports and imports of certain goods, primarily military equipment purchased and sold by the Federal Government, are included in services. Beginning with 1986, repairs and alterations of equipment are reclassified from goods to services.

Table 8.6. Corporate Profits With Inventory Valuation Adjustment, Not Seasonally Adjusted

[Billions of dollars; quarterly totals not seasonally adjusted]

	Line	2003				2004				2005				2006			
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
		Corporate profits with inventory valuation adjustment	1	197.9	223.9	236.9	235.9	260.0	278.9	302.9	319.7	362.2	396.7	385.4	399.0	415.4	459.8	462.6	431.7
Profits before tax	2	206.4	222.4	234.8	244.5	273.1	294.6	311.3	325.6	374.0	403.2	390.6	411.7	425.4	475.1	470.2	435.0
Taxes on corporate income	3	56.2	59.9	63.4	63.8	68.1	75.2	79.2	84.8	93.2	100.7	95.8	103.2	105.7	118.9	119.9	109.5
Profits after tax	4	150.2	162.4	171.4	180.7	205.1	219.4	232.1	240.8	280.9	302.5	294.8	308.5	319.8	356.2	350.3	325.6
Inventory valuation adjustment	5	-8.5	1.5	2.1	-8.6	-13.1	-15.7	-8.4	-5.9	-11.8	-6.5	-5.2	-12.7	-10.1	-15.3	-7.6	-3.4

Real Inventories, Sales, and Inventory-Sales Ratios for Manufacturing and Trade for the 2003:IV–2007:II

Quarterly estimates presented here reflect the recent annual revision of the national income and product accounts. Monthly estimates for January 2007 to April 2007 have also been revised. Estimates for May and June are new. The estimates for July are preliminary. Tables 1B, 2B, 3B, and 4B present chain-weighted estimates. Table 1B presents inventories. Table 2B presents sales. Table 3B presents inventory-sales ratios that can be used to assess the likelihood that businesses will add or reduce inventories in response to changes in demand; these ratios sup-

plement the quarterly current-dollar and real estimates of ratios of inventories to final sales of domestic business, of nonfarm business, and of goods and structures that are presented in NIPA tables 5.7.5B and 5.7.6B. Table 4B presents estimates of manufacturing inventories by stage of fabrication. Estimates for 1967 forward are available in interactive tables at <www.bea.gov>. Click on “Gross Domestic Product,” and under “Supplemental Estimates,” click on “Underlying detail tables” and then on “List of Underlying Detail Tables.”

Table 1B. Real Manufacturing and Trade Inventories, Seasonally Adjusted, End of Period
[Billions of chained (2000) dollars]

	2003				2004				2005				2006				2007		2007					
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	Jan.	Feb.	March	April	May	June	July ^p		
Manufacturing and trade industries	1,176.0	1,183.7	1,194.7	1,205.0	1,217.3	1,232.7	1,234.1	1,236.4	1,250.4	1,258.6	1,270.0	1,279.8	1,279.8	1,276.2	1,276.6	1,277.8	1,279.8	1,276.2	1,277.3	1,276.3	1,276.6	1,280.7		
Manufacturing	437.5	437.4	438.9	436.6	440.1	447.9	448.0	448.9	451.7	452.7	455.8	458.0	457.6	456.3	455.3	457.5	457.1	456.3	456.3	456.0	455.3	454.9		
Durable goods	264.2	263.1	263.8	264.3	265.9	271.4	272.1	274.5	276.9	276.2	277.6	280.5	282.9	283.1	281.3	283.9	283.8	283.1	283.1	282.2	281.3	280.9		
Wood products.....	9.9	10.5	10.5	10.7	10.6	11.5	11.3	11.1	11.3	10.7	10.9	10.8	10.2	9.9	9.7	10.2	10.0	9.9	9.7	9.7	9.7	9.7		
Nonmetallic mineral products.....	9.6	9.6	9.5	9.6	9.7	9.8	9.8	9.7	9.7	9.8	9.9	10.2	10.3	10.2	10.0	10.2	10.2	10.2	10.2	10.1	10.0	9.9		
Primary metals.....	17.3	16.9	17.2	17.6	18.4	19.9	20.3	19.9	19.5	19.6	19.6	20.4	20.7	20.4	20.3	20.6	20.4	20.4	20.3	20.1	20.3	20.3		
Fabricated metal products.....	31.5	31.0	30.6	31.0	31.2	31.9	32.3	32.4	32.4	32.6	32.6	32.6	33.0	32.9	32.2	33.1	33.0	32.9	32.7	32.5	32.2	32.1		
Machinery.....	33.3	33.2	33.1	32.9	32.9	33.5	34.0	35.1	35.0	35.4	35.4	36.3	36.6	36.6	36.5	36.5	36.7	36.6	36.6	36.5	36.5	36.6		
Computer and electronic products.....	58.4	58.5	60.0	60.4	61.0	60.5	60.4	61.4	63.1	64.8	66.0	67.1	67.7	67.6	67.2	68.1	67.9	67.6	67.4	67.4	67.2	66.4		
Electrical equipment, appliances, and components.....	12.9	12.6	12.6	12.8	12.5	12.5	12.5	12.5	12.5	12.7	12.5	12.5	12.8	12.7	12.5	12.8	12.8	12.7	12.7	12.6	12.5	12.6		
Transportation equipment.....	66.3	66.2	66.0	65.3	65.0	66.9	66.1	66.4	67.8	65.6	66.4	66.3	66.6	67.6	68.3	67.2	67.4	67.6	68.4	68.6	68.3	68.5		
Furniture and related products.....	7.7	7.6	7.7	7.7	7.8	7.8	7.8	8.0	8.0	8.1	8.1	8.1	8.1	8.0	7.8	8.1	8.1	8.0	7.9	7.8	7.8	7.7		
Miscellaneous manufacturing.....	17.5	17.4	17.1	17.0	17.1	17.0	17.4	18.0	18.0	17.6	17.3	17.7	17.9	18.1	17.9	18.0	18.1	18.1	18.0	18.0	17.9	17.9		
Nondurable goods	173.3	174.2	175.0	174.1	174.2	176.5	176.0	174.7	175.2	176.7	178.4	177.9	175.3	174.0	174.7	174.4	174.2	174.0	174.0	174.5	174.7	174.6		
Food products.....	33.2	33.2	32.7	32.6	32.4	32.2	32.3	32.4	32.1	32.5	32.6	32.8	33.2	32.7	32.8	33.1	32.9	32.7	32.7	32.8	32.8	33.0		
Beverage and tobacco products.....	12.0	12.0	12.2	12.6	12.1	12.0	12.1	11.9	12.2	11.9	11.7	11.6	11.6	11.6	11.8	11.6	11.6	11.6	11.7	11.8	11.8	11.8		
Textile mills.....	5.7	5.6	5.6	5.6	5.5	5.4	5.4	5.3	5.3	5.2	5.2	5.1	4.9	4.8	5.0	5.0	4.9	4.8	4.8	4.8	4.7			
Textile product mills.....	3.6	3.5	3.5	3.6	3.5	3.7	3.6	3.6	3.7	3.6	3.7	3.5	3.5	3.4	3.5	3.5	3.5	3.4	3.5	3.4	3.4			
Apparel.....	7.2	6.9	6.9	7.0	7.0	7.1	7.0	6.9	6.7	6.6	6.5	6.2	6.3	6.2	6.3	6.2	6.2	6.2	6.3	6.3	6.3	6.4		
Leather and allied products.....	1.3	1.3	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3		
Paper products.....	16.7	16.4	16.4	16.5	16.7	17.1	17.2	16.8	16.7	16.8	16.7	16.7	16.6	16.4	16.5	16.6	16.5	16.4	16.4	16.4	16.5	16.6		
Printing and related support activities.....	6.4	6.3	6.3	6.4	6.4	6.4	6.4	6.3	6.2	6.1	6.2	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.0	6.0	6.1	6.2		
Petroleum and coal products.....	15.9	16.7	17.1	16.6	16.6	17.7	17.0	17.5	17.8	18.1	18.6	17.6	17.5	17.8	17.0	17.3	17.5	17.8	17.8	17.8	17.8	17.7		
Chemical products.....	53.4	54.3	54.9	53.8	54.4	54.9	55.1	54.1	54.8	55.6	55.4	55.6	54.8	54.4	54.1	55.0	54.6	54.4	54.1	54.3	54.1	54.0		
Plastics and rubber products.....	18.0	18.0	18.1	18.3	18.2	18.6	18.4	18.0	18.1	18.4	18.6	18.7	18.4	18.5	18.8	18.5	18.5	18.5	18.5	18.7	18.8	18.8		
Merchant wholesale trade	301.8	303.6	306.0	312.6	318.9	323.6	327.1	329.1	334.3	337.7	343.9	351.1	351.6	352.4	353.2	352.3	352.6	352.4	352.4	352.6	353.2	353.6		
Durable goods.....	180.1	183.4	187.1	192.7	196.7	199.9	202.3	202.9	208.3	210.2	214.6	220.3	221.3	219.0	221.3	221.4	221.3	221.4	219.4	219.7	219.0	217.6		
Nondurable goods.....	121.5	120.1	119.1	120.1	122.4	124.0	125.1	126.5	126.4	127.9	129.9	131.4	131.9	131.8	134.5	131.6	131.8	131.8	133.4	133.3	134.5	136.1		
Retail trade	436.4	442.6	449.8	454.0	458.6	461.2	458.8	458.1	464.3	468.3	470.3	470.6	470.6	467.3	468.1	467.8	470.0	467.3	468.5	467.5	468.1	472.5		
Motor vehicle and parts dealers.....	156.5	160.2	164.0	165.9	164.2	164.0	158.8	157.7	162.1	163.7	163.7	161.6	158.8	154.9	153.6	156.1	156.1	154.9	156.2	153.6	153.6	158.0		
Furniture and home furnishings and electronics and appliance stores.....	29.2	29.9	30.5	31.3	32.7	32.2	33.1	33.1	33.8	34.3	34.7	34.8	34.6	35.0	35.2	35.0	35.3	35.0	35.1	34.9	35.2	35.5		
Building material and garden equipment and supplies stores.....	42.6	43.0	43.7	43.6	44.7	45.1	45.3	45.7	46.7	47.0	47.0	46.8	45.7	45.7	46.6	45.3	46.1	45.7	46.8	46.5	46.6	46.5		
Food and beverage stores.....	31.7	31.8	32.0	32.1	32.1	32.0	32.1	31.7	32.0	32.4	32.6	32.6	32.6	32.5	32.7	32.5	32.5	32.5	32.3	32.5	32.7	32.8		
Clothing and clothing accessories stores.....	33.5	33.7	34.6	35.2	35.9	37.1	37.5	37.8	37.7	38.4	39.2	39.6	41.4	40.9	40.4	41.2	41.5	40.9	40.6	40.6	40.4	40.3		
General merchandise stores.....	65.6	66.9	67.8	68.1	69.8	71.3	71.7	72.1	71.9	71.0	70.9	72.3	73.6	74.1	74.7	74.0	74.4	74.1	74.5	74.7	74.7	74.4		
Other retail stores.....	78.1	78.0	78.3	79.1	80.2	80.3	81.0	80.7	81.0	82.3	83.0	83.4	84.5	84.2	84.7	84.0	84.4	84.2	83.4	84.6	84.7	85.3		

^p Preliminary
Note. Estimates in this table are based on the North American Industry Classification System (NAICS).
Chained (2000) dollar inventory series are calculated to ensure that the chained (2000) dollar change in inventories for

2000 equals the current-dollar change in inventories for 2000 and that the average of the 1999 and 2000 end-of-year chain-weighted and fixed-weighted inventories are equal. 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.

Table 2B. Real Manufacturing and Trade Sales, Seasonally Adjusted at Monthly Rate

[Billions of chained (2000) dollars]

	2003	2004				2005				2006				2007		2007						
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	Jan.	Feb.	March	April	May	June	July ^p
Manufacturing and trade industries	869.0	875.7	882.5	892.7	904.2	914.6	923.4	931.2	940.9	956.1	953.9	956.2	958.9	959.0	966.7	958.9	955.1	962.9	965.3	970.3	964.7	974.1
Manufacturing	325.8	325.3	327.7	331.7	335.4	340.1	343.0	346.0	347.7	348.9	346.0	341.8	337.2	332.9	334.2	334.3	330.3	334.0	335.3	335.1	332.2	340.0
Durable goods	181.3	181.7	183.5	185.2	187.7	189.2	192.0	197.2	197.8	195.5	193.5	191.8	189.3	191.8	190.6	187.8	189.5	192.9	192.8	189.8	197.6	
Wood products.....	7.5	7.3	7.5	7.7	7.7	7.8	8.0	8.1	8.4	8.4	7.7	7.4	6.9	7.2	7.0	6.8	6.9	7.0	7.2	7.2	7.1	
Nonmetallic mineral products.....	7.4	7.3	7.6	7.7	7.8	7.8	7.9	8.0	8.1	8.2	7.9	7.7	7.5	7.4	7.4	7.4	7.5	7.5	7.5	7.4	7.4	
Primary metals.....	11.5	11.9	12.1	12.6	12.4	12.3	12.6	12.7	12.6	12.4	12.2	11.7	11.8	11.6	12.0	11.7	11.8	11.6	11.8	11.5	11.8	
Fabricated metal products.....	19.9	19.7	19.8	20.0	20.2	20.5	20.9	21.0	21.5	21.8	21.6	21.1	20.7	20.7	20.9	20.9	20.6	20.6	21.0	21.0	20.8	21.4
Machinery.....	20.2	20.3	21.1	21.7	22.1	22.4	22.4	23.0	23.8	23.9	24.3	24.3	24.1	22.6	23.7	22.2	22.7	22.9	24.0	23.7	23.3	24.1
Computer and electronic products.....	36.9	36.7	37.2	37.8	38.4	38.9	39.0	39.3	40.6	42.6	42.0	42.1	41.7	42.5	44.0	44.0	42.0	41.4	45.1	44.4	42.5	44.1
Electrical equipment, appliances, and components.....	8.5	8.3	8.3	8.4	8.4	8.5	8.4	8.6	8.7	8.7	8.6	8.5	8.9	8.9	8.8	8.8	9.1	9.2	8.8	8.7	8.8	
Transportation equipment.....	53.3	54.1	52.0	51.5	51.6	52.2	53.2	54.2	56.1	54.5	53.7	53.0	53.6	52.3	52.3	52.5	51.6	52.8	51.9	52.7	52.4	57.1
Furniture and related products.....	5.8	5.8	5.9	6.0	6.0	6.1	6.1	6.1	6.3	6.3	6.3	6.0	5.9	5.8	5.9	5.8	5.9	5.8	5.7	5.8	5.8	
Miscellaneous manufacturing.....	10.4	10.1	10.0	9.9	10.6	11.0	11.0	10.9	11.0	11.1	11.3	11.4	11.3	11.2	11.3	11.2	11.2	11.4	11.3	11.2	11.3	
Nondurable goods	144.6	143.7	146.1	148.2	150.2	152.3	153.7	154.0	151.2	151.8	151.1	149.0	146.2	144.3	143.5	144.6	143.3	145.2	143.6	143.5	143.3	144.0
Food products.....	34.7	34.0	33.9	35.6	36.3	36.0	36.3	36.5	36.4	36.5	36.5	36.3	36.3	35.3	34.8	35.8	35.3	34.9	34.9	34.8	34.8	35.3
Beverage and tobacco products.....	8.6	8.6	8.9	8.9	8.9	8.6	9.4	9.5	9.5	9.3	9.6	9.5	9.5	9.4	9.7	9.4	9.2	9.6	9.5	9.8	9.7	9.8
Textile mills.....	3.5	3.4	3.3	3.3	3.4	3.5	3.4	3.2	3.1	3.1	2.9	2.8	2.8	2.8	2.7	2.8	2.8	2.7	2.7	2.7	2.6	2.7
Textile product mills.....	2.7	2.8	2.7	2.7	2.8	2.9	2.8	3.0	3.0	2.9	2.9	2.8	2.7	2.6	2.6	2.7	2.6	2.6	2.6	2.6	2.6	2.7
Apparel.....	3.4	3.2	3.0	2.9	2.9	2.8	2.9	3.1	3.0	3.1	2.9	3.0	3.0	2.8	3.0	3.0	2.9	2.8	2.9	2.8	2.7	2.8
Leather and allied products.....	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7
Paper products.....	12.2	12.5	12.5	12.6	12.4	12.7	12.7	12.3	12.5	12.6	12.5	12.2	12.2	11.8	11.8	11.9	11.8	11.8	11.9	11.8	11.8	12.0
Printing and related support activities.....	7.7	7.7	7.8	7.8	7.9	8.0	7.9	8.0	8.0	8.0	8.2	8.1	8.1	8.2	8.1	8.2	8.1	8.2	8.1	8.1	8.1	8.2
Petroleum and coal products.....	18.7	18.6	19.6	19.5	20.0	21.3	21.7	21.5	19.9	20.3	19.5	19.0	18.5	18.3	17.6	18.3	17.8	19.0	17.6	17.5	17.8	17.5
Chemical products.....	37.4	37.5	38.3	38.6	39.5	39.5	39.6	40.1	39.8	39.7	40.0	39.6	38.3	37.9	38.3	37.7	38.1	37.9	38.5	38.4	38.0	38.0
Plastics and rubber products.....	14.9	14.9	15.3	15.3	15.2	15.4	15.5	15.6	15.4	15.6	15.4	14.8	14.9	15.3	14.8	14.7	15.1	15.3	15.4	15.3	15.6	
Merchant wholesale trade	239.6	243.1	247.3	248.9	251.9	254.8	256.5	258.8	265.0	269.3	270.5	274.6	276.2	276.7	282.2	276.6	275.3	278.4	281.2	282.8	282.7	282.4
Durable goods.....	121.8	125.2	130.5	130.8	133.3	134.7	136.7	139.1	144.0	146.0	146.2	148.2	149.9	150.1	151.6	150.4	148.9	150.9	151.8	151.4	151.6	151.8
Nondurable goods.....	117.9	118.1	117.4	118.7	119.2	120.8	120.6	120.8	122.4	124.7	125.6	127.6	127.7	128.1	131.7	127.6	127.7	128.9	130.7	132.3	132.2	131.7
Retail trade	304.9	308.8	309.1	314.2	319.3	322.1	326.6	329.4	331.1	342.1	341.0	343.5	349.4	354.0	355.0	352.5	354.2	355.3	353.1	357.5	354.3	356.4
Motor vehicle and parts dealers.....	79.0	79.5	78.6	80.9	82.0	80.7	81.9	82.2	78.2	81.6	79.9	80.8	82.7	84.0	83.4	83.2	84.2	84.6	83.6	84.6	82.1	81.6
Furniture and home furnishings and electronics and appliance stores.....	22.6	23.1	23.8	24.8	25.3	26.3	27.0	28.2	28.9	30.3	31.0	31.8	32.6	33.3	33.6	33.3	33.3	33.3	33.4	33.9	33.6	34.5
Building material and garden equipment and supplies stores.....	29.0	29.4	30.2	30.3	31.0	31.2	32.3	32.6	33.7	36.1	35.4	35.1	34.9	34.6	35.0	34.8	34.3	34.8	34.2	35.9	34.9	35.1
Food and beverage stores.....	39.6	40.0	40.0	40.1	40.5	40.9	41.0	41.2	41.5	41.7	42.0	42.3	43.0	43.1	43.1	43.0	43.1	43.1	43.1	43.1	43.1	43.2
Clothing and clothing accessories stores.....	17.3	17.8	17.6	17.8	18.3	18.7	19.2	19.1	19.8	20.1	20.2	20.6	20.7	21.2	21.5	21.3	20.8	21.4	21.2	21.8	21.6	21.9
General merchandise stores.....	44.3	45.3	45.5	46.3	47.2	47.9	48.9	49.6	50.8	51.5	52.2	52.8	53.6	54.5	55.1	54.6	54.0	54.9	54.5	55.3	55.5	56.2
Other retail stores.....	74.1	74.7	74.6	75.4	76.5	78.1	78.3	78.6	80.4	83.1	82.9	83.1	85.1	86.6	86.7	85.7	87.7	86.5	86.6	86.6	87.0	87.6

p Preliminary

Note. Estimates in this table are based on the North American Industry Classification System (NAICS).

Chained (2000) dollar sales 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.

Table 3B. Real Inventory-Sales Ratios for Manufacturing and Trade, Seasonally Adjusted
(Ratio, based on chained (2000) dollars)

	2003	2004				2005				2006				2007		2007						
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	Jan.	Feb.	March	April	May	June	July ^p
Manufacturing and trade industries	1.35	1.35	1.35	1.35	1.35	1.35	1.34	1.33	1.33	1.32	1.33	1.34	1.34	1.33	1.32	1.33	1.34	1.33	1.32	1.32	1.32	1.32
Manufacturing	1.34	1.35	1.34	1.32	1.31	1.32	1.31	1.30	1.30	1.32	1.34	1.36	1.37	1.36	1.37	1.38	1.37	1.36	1.36	1.37	1.37	1.34
Durable goods	1.46	1.45	1.45	1.44	1.44	1.45	1.44	1.43	1.40	1.40	1.42	1.45	1.48	1.50	1.47	1.49	1.51	1.49	1.47	1.46	1.48	1.42
Wood products.....	1.32	1.44	1.39	1.40	1.38	1.47	1.41	1.37	1.34	1.28	1.42	1.45	1.39	1.43	1.35	1.45	1.47	1.43	1.38	1.34	1.34	1.36
Nonmetallic mineral products.....	1.30	1.31	1.26	1.25	1.25	1.26	1.24	1.22	1.19	1.19	1.25	1.32	1.37	1.37	1.34	1.39	1.38	1.35	1.36	1.35	1.36	1.34
Primary metals.....	1.50	1.42	1.42	1.40	1.49	1.60	1.65	1.58	1.54	1.56	1.58	1.67	1.78	1.73	1.74	1.72	1.74	1.73	1.75	1.71	1.76	1.72
Fabricated metal products.....	1.58	1.57	1.54	1.55	1.55	1.55	1.55	1.54	1.51	1.50	1.51	1.54	1.59	1.59	1.54	1.59	1.60	1.60	1.56	1.55	1.55	1.50
Machinery.....	1.66	1.64	1.57	1.52	1.49	1.49	1.52	1.53	1.47	1.48	1.46	1.47	1.51	1.62	1.54	1.65	1.61	1.60	1.52	1.54	1.56	1.52
Computer and electronic products.....	1.59	1.59	1.61	1.60	1.59	1.56	1.55	1.56	1.55	1.52	1.57	1.59	1.62	1.59	1.53	1.55	1.62	1.63	1.49	1.52	1.58	1.51
Electrical equipment, appliances, and components.....	1.52	1.52	1.52	1.51	1.49	1.48	1.49	1.45	1.43	1.45	1.43	1.46	1.50	1.43	1.41	1.45	1.45	1.40	1.39	1.43	1.44	1.44
Transportation equipment.....	1.25	1.22	1.27	1.27	1.26	1.28	1.24	1.23	1.21	1.21	1.24	1.25	1.24	1.29	1.31	1.28	1.31	1.28	1.32	1.30	1.30	1.20
Furniture and related products.....	1.32	1.30	1.30	1.30	1.31	1.28	1.28	1.31	1.28	1.28	1.28	1.32	1.35	1.36	1.35	1.39	1.40	1.36	1.37	1.37	1.34	1.33
Miscellaneous manufacturing.....	1.68	1.73	1.71	1.72	1.61	1.55	1.58	1.65	1.64	1.58	1.53	1.55	1.58	1.61	1.58	1.60	1.62	1.62	1.58	1.59	1.59	1.58
Nondurable goods	1.20	1.21	1.20	1.18	1.16	1.16	1.15	1.13	1.16	1.16	1.18	1.19	1.20	1.21	1.22	1.21	1.22	1.20	1.21	1.22	1.22	1.21
Food products.....	0.96	0.98	0.96	0.92	0.89	0.89	0.89	0.89	0.88	0.89	0.89	0.90	0.92	0.93	0.94	0.92	0.93	0.94	0.94	0.94	0.94	0.93
Beverage and tobacco products.....	1.40	1.40	1.38	1.41	1.37	1.40	1.29	1.25	1.29	1.27	1.21	1.22	1.22	1.24	1.22	1.24	1.26	1.21	1.23	1.21	1.21	1.20
Textile mills.....	1.60	1.68	1.70	1.66	1.63	1.56	1.58	1.66	1.71	1.75	1.80	1.84	1.83	1.76	1.80	1.75	1.80	1.81	1.80	1.76	1.83	1.79
Textile product mills.....	1.31	1.25	1.30	1.31	1.27	1.28	1.27	1.21	1.24	1.23	1.26	1.32	1.32	1.31	1.33	1.34	1.33	1.30	1.32	1.30	1.27	1.27
Apparel.....	2.10	2.18	2.30	2.39	2.37	2.44	2.48	2.40	2.18	2.18	2.11	2.12	2.12	2.09	2.25	2.10	2.10	2.08	2.14	2.20	2.34	2.32
Leather and allied products.....	2.27	2.26	2.13	2.03	2.28	2.13	2.12	2.26	2.33	2.04	2.05	1.98	2.06	2.01	2.04	2.06	2.00	1.98	2.05	2.03	2.02	1.96
Paper products.....	1.36	1.31	1.31	1.32	1.35	1.34	1.36	1.36	1.33	1.33	1.34	1.37	1.36	1.39	1.39	1.40	1.39	1.38	1.39	1.39	1.39	1.38
Printing and related support activities.....	0.83	0.81	0.80	0.81	0.81	0.80	0.81	0.79	0.78	0.76	0.76	0.76	0.75	0.75	0.76	0.74	0.75	0.74	0.74	0.75	0.76	0.75
Petroleum and coal products.....	0.85	0.90	0.87	0.85	0.83	0.83	0.78	0.82	0.88	0.88	0.98	0.98	0.95	0.96	1.01	0.93	0.97	0.93	1.01	1.02	1.00	1.01
Chemical products.....	1.43	1.45	1.43	1.39	1.38	1.39	1.39	1.35	1.38	1.40	1.39	1.40	1.43	1.43	1.41	1.46	1.43	1.43	1.40	1.41	1.43	1.42
Plastics and rubber products.....	1.21	1.21	1.18	1.20	1.20	1.19	1.15	1.16	1.20	1.20	1.22	1.25	1.25	1.22	1.24	1.25	1.23	1.21	1.21	1.21	1.23	1.21
Merchant wholesale trade	1.26	1.25	1.24	1.26	1.27	1.27	1.28	1.27	1.26	1.25	1.27	1.28	1.27	1.27	1.25	1.27	1.28	1.27	1.25	1.25	1.25	1.25
Durable goods.....	1.48	1.47	1.43	1.47	1.48	1.48	1.48	1.46	1.45	1.44	1.47	1.49	1.47	1.48	1.44	1.47	1.49	1.47	1.45	1.45	1.45	1.43
Nondurable goods.....	1.03	1.02	1.01	1.01	1.03	1.03	1.04	1.05	1.03	1.03	1.03	1.03	1.03	1.03	1.02	1.03	1.03	1.02	1.02	1.01	1.02	1.03
Retail trade	1.43	1.43	1.46	1.45	1.44	1.43	1.41	1.39	1.40	1.37	1.38	1.37	1.35	1.32	1.33	1.33	1.33	1.32	1.33	1.31	1.32	1.33
Motor vehicle and parts dealers.....	1.98	2.01	2.09	2.05	2.00	2.03	1.94	1.92	2.07	2.01	2.05	2.00	1.92	1.85	1.84	1.88	1.85	1.83	1.87	1.82	1.87	1.94
Furniture and home furnishings and electronics and appliance stores.....	1.29	1.29	1.28	1.26	1.29	1.23	1.23	1.17	1.17	1.13	1.12	1.10	1.06	1.05	1.05	1.05	1.06	1.05	1.05	1.03	1.05	1.03
Building material and garden equipment and supplies stores.....	1.47	1.47	1.45	1.44	1.44	1.45	1.40	1.40	1.38	1.30	1.33	1.33	1.31	1.32	1.33	1.30	1.34	1.31	1.37	1.30	1.34	1.33
Food and beverage stores.....	0.80	0.79	0.80	0.80	0.79	0.78	0.78	0.77	0.77	0.78	0.78	0.77	0.76	0.76	0.76	0.76	0.75	0.75	0.75	0.75	0.76	0.76
Clothing and clothing accessories stores.....	1.94	1.89	1.97	1.98	1.97	1.99	1.96	1.98	1.91	1.91	1.94	1.92	2.00	1.93	1.88	1.93	2.00	1.91	1.92	1.86	1.87	1.84
General merchandise stores.....	1.48	1.48	1.49	1.47	1.48	1.49	1.47	1.45	1.42	1.38	1.36	1.37	1.37	1.36	1.36	1.36	1.36	1.35	1.37	1.35	1.35	1.32
Other retail stores.....	1.05	1.05	1.05	1.05	1.05	1.03	1.03	1.03	1.01	0.99	1.00	1.00	0.99	0.97	0.98	0.98	0.96	0.97	0.96	0.97	0.97	0.97

^p Preliminary
NOTE: Estimates in this table are based on the North American Industry Classification System (NAICS).

Table 4B. Real Manufacturing Inventories, by Stage of Fabrication, Seasonally Adjusted, End of Period

(Billions of chained (2000) dollars)

	2003	2004				2005				2006				2007		2007						
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	Jan.	Feb.	March	April	May	June	July ^p
Materials and supplies																						
Manufacturing	151.3	152.4	152.3	152.8	154.0	156.0	156.3	156.2	156.9	156.9	157.1	158.2	156.6	156.5	155.7	157.0	156.9	156.5	156.6	156.3	155.7	155.4
Durable goods	89.4	89.9	90.5	90.9	92.2	93.7	94.4	94.8	94.9	94.6	94.7	95.9	96.3	96.1	94.9	96.5	96.2	96.1	96.0	95.6	94.9	94.6
Wood products	4.2	4.3	4.4	4.6	4.6	4.8	4.8	4.8	4.9	4.5	4.6	4.4	4.3	4.1	4.1	4.2	4.2	4.1	4.1	4.1	4.1	4.1
Nonmetallic mineral products	3.4	3.5	3.6	3.5	3.6	3.6	3.6	3.5	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
Primary metals	5.7	5.8	6.3	6.4	6.8	7.2	7.6	7.5	7.1	7.4	7.4	7.8	8.0	7.7	7.5	7.9	7.7	7.7	7.6	7.6	7.5	7.5
Fabricated metal products	11.3	11.1	10.9	11.2	11.3	11.6	11.8	11.9	12.0	12.3	12.3	12.3	12.6	12.6	12.1	12.6	12.6	12.6	12.5	12.3	12.1	12.0
Machinery	11.5	11.3	11.2	11.2	11.4	11.6	12.1	12.3	12.4	12.4	12.4	12.7	13.1	13.4	13.3	13.4	13.3	13.4	13.4	13.3	13.3	13.4
Computer and electronic products	21.4	21.9	21.7	21.2	21.7	21.3	20.8	21.4	21.9	22.0	22.5	23.0	23.7	22.7	22.6	22.8	22.6	22.8	22.8	22.2	22.9	22.8
Electrical equipment, appliances, and components	5.2	5.1	5.1	5.1	5.2	5.2	5.3	5.3	5.2	5.1	5.1	5.3	5.3	5.2	5.3	5.2	5.3	5.3	5.2	5.2	5.2	5.2
Transportation equipment	17.2	17.9	18.2	18.3	18.3	18.8	18.6	18.0	17.8	17.1	17.0	17.1	16.4	16.2	16.1	16.3	16.4	16.2	16.3	16.3	16.1	16.2
Furniture and related products	3.5	3.3	3.5	3.5	3.5	3.4	3.5	3.5	3.6	3.7	3.6	3.6	3.6	3.7	3.7	3.6	3.6	3.7	3.8	3.7	3.7	3.8
Miscellaneous manufacturing	5.8	5.7	5.7	5.6	5.6	5.7	5.8	5.9	5.9	5.9	5.8	5.9	5.9	6.0	5.8	6.0	5.9	6.0	5.9	5.9	5.8	5.8
Nondurable goods	61.9	62.4	61.8	61.8	61.8	62.4	61.9	61.5	62.2	62.3	62.5	62.4	60.5	60.7	61.0	60.7	60.9	60.7	60.8	60.9	61.0	60.9
Food products	10.4	10.4	9.9	10.0	9.9	9.8	10.1	10.3	10.0	10.0	10.1	10.3	10.3	10.1	10.2	10.3	10.3	10.1	10.1	10.1	10.1	10.2
Beverage and tobacco products	6.0	6.0	6.0	6.0	5.9	5.9	6.0	6.1	5.9	5.9	5.9	5.8	5.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7
Textile mills	1.9	1.9	1.9	1.8	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Textile product mills	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1
Apparel	1.9	1.9	1.9	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
Leather and allied products	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Paper products	8.0	7.8	8.0	8.1	8.1	8.1	8.2	8.1	8.0	8.1	8.0	7.9	7.8	7.8	7.9	7.9	7.9	7.8	7.7	7.8	7.8	7.9
Printing and related support activities	2.4	2.4	2.3	2.4	2.4	2.4	2.4	2.3	2.3	2.5	2.5	2.5	2.4	2.3	2.3	2.4	2.3	2.3	2.3	2.3	2.3	2.4
Petroleum and coal products	5.2	5.6	5.4	5.5	5.5	5.7	5.3	5.6	6.0	6.1	6.5	6.6	5.6	6.0	6.3	5.8	6.0	6.0	6.2	6.2	6.3	6.2
Chemical products	17.4	17.5	17.6	17.2	17.2	17.4	17.3	16.6	17.0	16.8	16.4	16.3	16.2	16.0	15.8	16.0	16.0	16.0	15.8	15.9	15.8	15.8
Plastics and rubber products	7.2	7.3	7.3	7.4	7.5	7.8	7.6	7.5	7.5	7.6	7.7	7.6	7.4	7.5	7.6	7.5	7.5	7.5	7.5	7.6	7.6	7.5
Work-in-process																						
Manufacturing	126.2	126.1	125.8	123.3	123.9	126.1	125.6	127.8	130.1	129.9	133.0	132.8	134.7	134.7	135.3	135.1	135.0	134.7	134.8	135.4	135.3	135.3
Durable goods	97.0	95.9	95.6	94.1	94.3	95.9	96.0	97.8	100.3	100.3	101.8	102.2	104.4	104.4	105.2	105.0	104.8	104.4	104.8	105.2	105.2	105.4
Wood products	2.0	2.1	2.0	2.1	2.1	2.3	2.2	2.1	2.2	2.3	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
Nonmetallic mineral products	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.2	1.2	1.1	1.1	1.1
Primary metals	5.4	5.3	5.1	5.2	5.3	5.6	5.9	5.8	5.7	5.7	5.7	5.8	5.9	6.0	6.1	6.0	6.0	6.0	6.0	6.0	6.1	6.1
Fabricated metal products	9.1	9.0	8.8	8.6	8.9	9.0	9.1	9.3	9.3	9.4	9.5	9.5	9.5	9.4	9.4	9.6	9.5	9.4	9.5	9.5	9.4	9.4
Machinery	11.0	10.8	10.8	10.6	10.6	10.7	10.6	10.9	11.0	11.3	11.3	11.2	11.3	11.2	11.1	11.2	11.2	11.2	11.2	11.1	11.1	11.0
Computer and electronic products	21.9	22.0	23.4	23.8	23.6	23.4	23.7	24.1	24.9	25.9	26.5	26.5	27.4	26.9	26.6	27.5	27.5	26.9	26.5	26.9	26.6	26.7
Electrical equipment, appliances, and components	4.3	4.3	4.3	4.3	4.2	4.2	4.1	4.2	4.2	4.3	4.3	4.2	4.3	4.3	4.2	4.3	4.3	4.3	4.3	4.3	4.2	4.3
Transportation equipment	37.1	36.2	35.5	34.0	33.9	34.7	34.4	35.6	37.4	36.3	37.2	37.4	38.8	39.5	40.8	39.2	39.1	39.5	40.3	40.5	40.8	41.0
Furniture and related products	1.4	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.2	1.1	1.4	1.2	1.1	1.1	1.1	1.1	1.1
Miscellaneous manufacturing	3.9	4.0	3.7	3.7	3.9	3.8	3.9	3.8	3.9	3.6	3.6	3.7	3.7	3.6	3.6	3.8	3.7	3.6	3.6	3.6	3.6	3.6
Nondurable goods	29.2	30.1	30.1	29.1	29.5	30.1	29.6	29.9	29.9	29.7	31.2	30.7	30.5	30.5	30.4	30.3	30.3	30.5	30.2	30.4	30.4	30.2
Food products	4.6	4.6	4.5	4.5	4.6	4.6	4.4	4.4	4.5	4.5	4.5	4.5	4.9	4.8	4.6	4.8	4.8	4.7	4.6	4.6	4.6	
Beverage and tobacco products	2.0	1.9	2.0	2.2	1.9	1.8	1.9	1.8	2.1	2.1	2.0	2.0	2.1	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.1	2.1
Textile mills	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.0	0.9	0.9	1.0	1.0	0.9	0.9	0.9	0.9	0.9
Textile product mills	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	
Apparel	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Leather and allied products	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Paper products	1.6	1.5	1.6	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	
Printing and related support activities	1.2	1.1	1.1	1.2	1.1	1.1	1.2	1.2	1.1	1.0	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	
Petroleum and coal products	3.5	3.9	3.6	3.4	3.6	4.1	3.8	4.1	3.9	3.5	4.4	3.9	4.1	4.2	4.4	3.8	3.9	4.2	4.3	4.4	4.4	
Chemical products	10.7	11.5	11.9	10.9	11.3	11.2	11.2	11.2	11.3	11.8	12.0	12.2	11.6	11.5	11.2	11.9	11.7	11.5	11.1	11.3	11.2	
Plastics and rubber products	2.0	2.0	2.0	2.0	2.0	2.1	2.0	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
Finished goods																						
Manufacturing	160.1	158.9	160.7	162.4	162.2	165.8	166.1	164.9	164.7	165.9	165.9	167.1	166.4	165.3	164.5	165.7	165.5	165.3	165.1	164.5	164.5	164.5
Durable goods	77.9	77.2	77.6	79.3	79.3	81.8	81.6	81.8	81.8	81.3	81.2	82.4	82.2	82.8	81.3	82.4	82.8	82.8	82.8	82.3	81.4	81.3
Wood products	3.8	4.1	4.1	4.1	4.0	4.5	4.3	4.2	4.3	3.9	4.0	4.1	3.9	3.6	3.5	3.8	3.7	3.6	3.5	3.5	3.5	
Nonmetallic mineral products	5.0	4.9	4.9	4.9	5.0	5.2	5.2	5.1	5.2	5.2	5.4	5.5	5.3	5.2	5.3	5.4	5.3	5.3	5.2	5.2	5.2	
Primary metals	6.2	5.8	5.8	5.9	6.3	7.0	6.8	6.5	6.7	6.5	6.5	6.7	6.7	6.7	6.6	6.6	6					

U.S. Benchmark Input-Output Accounts, 2002

By Ricky L. Stewart, Jessica Brede Stone, and Mary L. Streitwieser

ON September 21, 2007, the Bureau of Economic Analysis (BEA) released its benchmark input-output (I-O) accounts for 2002.¹ Based on the highest quality source data available, these accounts provide an accurate and comprehensive picture of the inner workings of the economy, showing relationships among more than 400 industries and commodities.

For many economists, analysts, and policymakers, the benchmark I-O accounts are an essential research tool. (See the box “Uses of the Benchmark I-O Accounts.”) For BEA, the benchmark I-O accounts provide a foundation for other economic accounts. For example, the national income and product accounts (NIPAs) benchmark personal consumption expenditures and private equipment and software expenditures estimates to the benchmark I-O accounts.

Because benchmark I-O accounts are based largely on every 5-year data from the Census Bureau, the benchmark I-O accounts lag the reference year by about 5 years; this year, they were released on an accelerated schedule, 3 months earlier than the previous benchmark I-O release. The accounts incorporated several methodological and statistical improvements. These changes updated the accounts to more accurately reflect the structure of the economy and to improve estimates in areas where source data were previously sparse. In addition, the 2002 benchmark I-O estimates benefited from the first-time use of a balancing model to help determine the estimates of intermediate inputs and gross operating surplus.

1. Supplemental tables will be released in late October 2007.

Data Availability

The estimates from the 2002 benchmark input-output (I-O) accounts at the summary level (135 commodities and 133 industries) and at the detailed level (428 commodities and 426 industries) are available interactively on the BEA Web site. Go to <www.bea.gov>, and under “Industry,” select “Interactive Tables: Input-Output.” Online tools will enable you to create and store unique levels of aggregation of data for specific commodities and industries. To download publication tables, click on “2002” under “Benchmark I-O Data Tables.”

Highlights from the 2002 benchmark I-O accounts include the following:

- Private goods-producing industries accounted for about 18 percent of the economy, compared with about 21 percent in 1997.² Private services-producing industries accounted for about 69 percent of GDP in 2002, compared with about 66 percent in 1997.³ Government’s share of GDP was 13 percent in 2002, unchanged from 1997.⁴
- Health care-related services industries maintained their share of GDP at 6 percent in 2002. Hospitals value added increased about 44 percent; nursing and residential care facilities value added increased about 48 percent. At the same time, pharmaceutical and medicine manufacturing value added grew about 78 percent. The average increase across all industries was 28 percent.
- Electronic information-based industries accounted for less than 1 percent of total GDP and about 11 percent of the information sector’s value added. The 2002 accounts are the first to provide detailed information on electronic shopping, electronic auctions, Web search portals, Internet service providers, and Internet publishing and broadcasting as well as data on the interactions between the Internet industries and all other industries.
- Private goods-producing industries accounted for 28 percent of gross output, compared with 33 percent in 1997. Private services-producing industries accounted for 61 percent of the total, compared with 59 percent in 1997. Government gross output accounted for the remaining 11 percent in 2002, up from 8 percent in 1997.
- Intermediate purchases of materials and services were about \$9 trillion, with 39 percent purchased by private goods-producing industries, 51 percent purchased by private services-producing industries,

2. Private goods-producing industries consists of agriculture, forestry, fishing, and hunting; mining; construction; and manufacturing.

3. Private services-producing industries consists of utilities; wholesale trade; retail trade; transportation and warehousing; information; finance and insurance; real estate and rental and leasing; professional, scientific and technical services; management of companies and enterprises; arts, entertainment, recreation, accommodation, and food services; and other services, except government.

4. Government includes government industries and other special I-O industries; for more information, see the table “Appendix A. Industries in the 2002 Benchmark Input-Output Accounts.”

Uses of the Benchmark I-O Accounts

The benchmark I-O accounts, produced every 5 years by the Bureau of Economic Analysis (BEA), are used by economists and policy makers in a variety of ways. Broadly speaking, they facilitate the study of economic activity by providing a highly detailed look at interindustry activity. Within BEA, benchmark I-O data are used as the starting point for other accounts, including the national income and product accounts (NIPAs).

General usage. The I-O tables, both benchmark and annual, allow researchers to analyze the economic effects of specific events. For example, they can be used in emergency planning and in estimating the economic effects of natural disasters and strikes. Supplemented with additional information, the I-O accounts can be used for broader analyses, such as estimating the effects of an increase in exports on employment or the impact of a petroleum price increase on production in specific industries and on commuting patterns and consumer spending. Recently, Nobel Laureate Lawrence Klein used I-O data to examine the role of information technology on productivity in the financial services industry.¹

In business, economists use data from the I-O accounts and other BEA accounts to develop forecasting models, which estimate future earnings among other things.

BEA usage. BEA uses the benchmark I-O accounts as the foundation for several other accounts (chart A). The benchmark I-O accounts are in fact the most important statistical source for the comprehensive revision of the NIPAs. They are

used to establish the benchmark year level for consumer spending, private equipment and software investment and to provide information on the composition of final demand. This in turn provides the basis for the estimates of GDP for the nonbenchmark years.

Also, the benchmark I-O accounts provide the framework and foundation for the capital flow table and the quantity index for the GDP-by-industry accounts, which are compiled by the Industry Accounts Directorate.² The benchmark I-O accounts also provide the foundation for the annual I-O accounts.

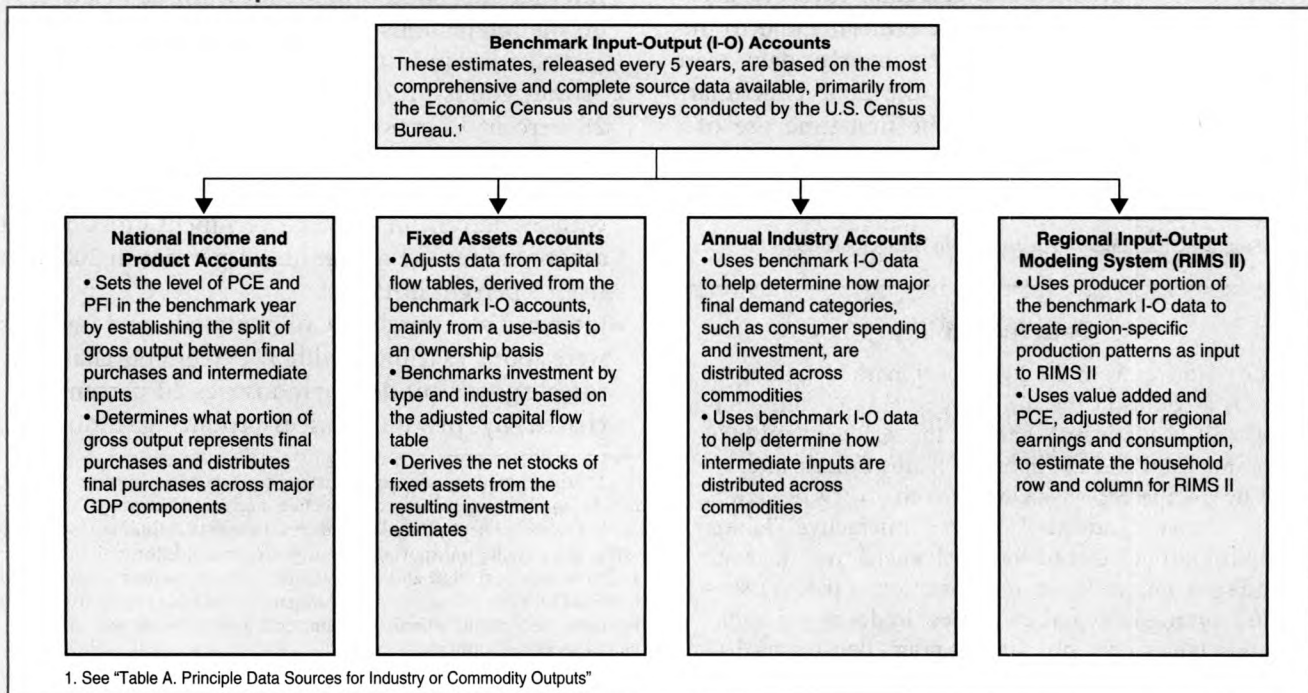
BEA's regional program uses data from the I-O accounts to generate its Regional Input-Output Modeling System (RIMS II), which can be used to analyze the impact of various projects or changes in economic programs on local economies. For example, state and local government planners can use the model to assess the impact of a military base closing or a new development project.

Other statistical agencies' usage. The benchmark I-O accounts also are used by other statistical agencies as a framework for preparing further economic statistics. The I-O accounts provide the detail that is essential in determining quantity weights for price indexes, such as the producer price index that is compiled by the Bureau of Labor Statistics (BLS). BLS also uses the benchmark I-O accounts in their projections of industry employment.

2. The capital flow table expands the gross private fixed investment component of the I-O use table in order to show the types of new equipment and structures purchased for use by each industry. The capital flow table is produced once every 5 years, generally in the year after the release of the benchmark I-O accounts.

1. See Lawrence R. Klein, Cynthia Saltzman, and Vijaya G. Duggal, "Information Technology and Productivity: The Case of the Financial Sector," *SURVEY OF CURRENT BUSINESS* 83 (August 2003): 32-37.

Chart A. Relationship Between the Benchmark I-O Accounts and Other BEA Accounts



and the remaining 10 percent purchased by government.

- On average, intermediate purchases of materials, energy, and services accounted for 44 cents of each dollar of gross output. Value added accounted for the remaining 56 cents (compensation accounted for 32 cents, taxes on production and imports less subsidies for 4 cents, and gross operating surplus for 20 cents). This distribution was virtually unchanged from 1987.

In addition to every 5-year benchmark I-O accounts, BEA also produces annual I-O accounts.⁵ Both of these complementary accounts provide information on the structure of the U.S. economy and an accounting of the production of goods and services by each industry. Both portray the goods and services purchased by each industry, the incomes earned in each industry, and the distribution of sales for each good and service to industries and final users.

However, the benchmark I-O and annual I-O accounts differ in several respects. The benchmark I-O accounts' rich source data—mainly the every 5-year Economic Census—allows them to paint a more detailed picture of the economy at a point in time. The 2002 benchmark I-O accounts detail the flows of 428 commodities to 426 industries and to 13 categories of final uses. In contrast, the annual I-O accounts, which are based primarily on annual survey data from the Census Bureau and the Bureau of Labor Statistics, provide an aggregate time series of information about the flow of goods and services of industries. The annual I-O accounts present information on 65 industries and commodities. Additionally, the annual I-O accounts rely on source data and statistical conventions that are more consistent with other BEA accounts, notably the NIPAs and the GDP-by-industry accounts.

The remainder of this article presents the key improvements in the 2002 benchmark I-O accounts. The first part summarizes the major changes in classification and definition. The second part describes statistical changes. The third part summarizes the methodology used to compile the accounts. A technical note describing the 2002 benchmark I-O tables is followed by several appendix tables that provide information on the classification of industries, value added, final uses, and bridge tables that link the 2002 benchmark I-O accounts to the NIPAs.

5. Benchmark I-O accounts are prepared at 5-year intervals and are based on detailed data from the Economic Census conducted by the U.S. Census Bureau. The 10 previous benchmark I-O accounts covered 1947, 1958, 1963, 1967, 1972, 1977, 1982, 1987, 1992, and 1997. The 1997 accounts were presented in the December 2002 SURVEY OF CURRENT BUSINESS.

Changes in Classification and Definition

The 2002 benchmark I-O accounts incorporated changes made by the 2003 comprehensive revision of the NIPAs. Some changes were the result of classification and definition changes designed to make the NIPAs more accurately reflect the structure of the U.S. economy. The changes also corrected various gaps in data and made the accounts more consistent with other economic accounts and international guidelines.

Specific changes include the following:

- The definition of government was changed to recognize government as a producing industry.
- The definitions of commercial banking and insurance were changed to include more services for which explicit fees are not charged.
- The presentation of Indian tribal governments was changed so that they now appear as autonomous governments.
- "Other value added" was replaced by "gross operating surplus" as a measure of proprietors' income, corporate profits, net interest, and business transfer payments.
- "Indirect business taxes" was replaced by "taxes on production and imports less subsidies" as a measure of tax and nontax liabilities that are chargeable to business expenses.

The 2002 benchmark I-O accounts also reflected changes in the North American Industry Classification System (NAICS), which are the I-O accounts' foundation for classifying industries.

Government as a producer

The 2002 benchmark I-O accounts treat general government as an intermediate industry that produces services available for final consumption. In previous benchmark I-O accounts, government was presented as a final user of capital and current account goods.

The new treatment created two new industries—a general Federal Government services industry and a general state and local government services industry—that appear in the intermediate use portion of the I-O accounts and represent government use of inputs of goods, services, labor, and capital to produce output (services). Intermediate government I-O industry output is equal to gross output of general government, which is the sum of compensation, consumption of fixed capital, and intermediate goods and services purchased less own-account construction, own-account software, and sales to other sectors.⁶

6. Own-account construction refers to new construction activities that are performed by businesses, governments, or persons rather than purchased from construction businesses. Own-account software refers to software production activities performed by businesses or governments, not purchased from software-producing businesses.

Capital account government investment appears in the final demand portion of the I-O table and is a measure of durable goods purchased, including structures and equipment and software. Services that are directly purchased by households, such as college education, are treated as secondary products of the government industry and flow into personal consumption expenditures. If sold to business, these services are treated as intermediate inputs of business. The remaining services are treated as consumption expenditures in government final use and valued at the expense of providing the services.

With this new treatment, the total value of government consumption expenditures and gross investment does not change, because the value of the newly recognized services produced by government equals the cost of inputs. Estimates of government output, purchases, and investment in the benchmark I-O tables equal the estimates made by BEA's Government Division and published in NIPA table 3.10.5, which presents government consumption expenditures and general government gross output.

Commercial banking

The 2002 benchmark I-O accounts changed the treatment of commercial banking output. Previously, the gross output of banks and other depository institutions was calculated as interest received from borrowers less interest paid to depositors. The new treatment recognizes that bank services may be fee-based services or they may be implicit charges resulting in a bank paying a lower interest rate rather than charging a fee for each service. Because banks and other financial intermediaries serve to reduce transactions costs for both depositors and borrowers, the value of the implicit services produced by banks should be allocated to both groups. Incorporating this change reduces GDP by reallocating a portion of the implicit services from final expenditures to intermediate consumption and attributing the larger share of borrowed funds to business.

Insurance

The 2002 accounts incorporate a new definition of property and casualty insurance services. Previously, insurance services were measured as premiums received less actual incurred losses and less dividends payable by insurance companies to policyholders. The new treatment recognizes the implicit services that are funded by investment income on policyholders' reserves. Under this treatment, industry output is revised so that expected investment income earned on reserves is treated as a supplement to premiums received. In addition, normal losses (expected losses) are now used instead of actual losses to calculate the value of insur-

ance services output. This change reflects the fact that insurance companies base premiums on expected losses instead of actual losses, because actual losses are not known when premiums are set. This change also reduces the effect of catastrophic events on industry output.

Indian governments

The 2002 benchmark I-O accounts recognize tribal governments as autonomous governments and their activities as similar to state and local government enterprises. Previously, the activities of tribal governments—mainly gaming and hotels, fuel stations, and retail sales—were included within private industry output in the I-O accounts. As a result of this new treatment, a new industry was created, Indian gaming, in the I-O accounts. This industry captures the activities of tribal governments and now reports them as a part of state and local government enterprises. Because these activities were previously treated as part of private industry, the combined output for casinos, hotels, retail trade, and motor gasoline was reduced by the value of output of the industry Indian gaming.

Gross operating surplus

The 2002 benchmark I-O accounts recognize "gross operating surplus" as a profits-like measure that includes such items as proprietors' income, corporate profits, net interest, and business transfer payments. In practice, in the benchmark I-O accounts, gross operating surplus is a residual, calculated as gross output less intermediate inputs, employee compensation, and taxes on production and imports less subsidies. Gross operating surplus replaces "other value added" as the profits measure in the I-O accounts.

Taxes on production and imports less subsidies

The 2002 accounts modified the "indirect business tax" component of value added in order to remove tax payments that are not related to corporate profits-type income and to reclassify these payments primarily as transfer payments to government. The portion that remains includes Federal excise taxes and customs duties, state and local sales taxes, property taxes (including residential real estate taxes), motor vehicle licenses, severance taxes, other taxes, and special assessments. This new tax component was renamed "taxes on production and imports less subsidies" (TOPI). TOPI does not include the following: State and local fines and other nontaxes (now called business transfer payments to government), Federal outer continental shelf royalties, and state and local rents and royalties (now called income payments on assets). This

change provides more detail on the makeup of payments by corporations by separating special payments, such as tobacco settlements and payments not dependent on production, from taxes levied according to actual corporate production and imports.

NAICS changes

The 2002 benchmark I-O accounts reflect the 2002 NAICS, which included major changes from the 1997 NAICS to the classification of industries within NAICS sector 51, information. The sector was restructured, and new industries were created to account for new services and emerging technologies. Internet publishing and broadcasting was moved from 1997 NAICS 511 and 514 into its own industry, 2002 NAICS 5161. This new industry includes electronic publishing by newspapers, periodicals, books, databases, greeting cards, and atlases and maps. "Web search portals" was moved from "other information services" (NAICS 51419), and a new industry, "Internet service providers, Web search portals, and data processing" (NAICS 5180), was created. "On-line information services" was renamed "Internet service providers" to better reflect the activity of the industry.

Statistical Changes

In addition to classification and definition changes, the 2002 benchmark I-O accounts incorporated statistical changes in three areas: Inventories, royalties, and personal consumption expenditures. These statistical changes to I-O accounts reflect new and improved estimation methodologies and incorporate newly available or revised source data.

Inventory valuation adjustment

Inventories can be viewed as consumable physical assets that are produced in one period but stored for sale or use in a later period. In the I-O accounts and the NIPAs, change in private inventories includes an inventory valuation adjustment (IVA), which removes the effects of price changes while products are in inventory. Because of the IVA, change in private inventories is valued in current prices, that is, on a replacement-cost basis. In the NIPAs, estimates of IVA by holding industry are based on data from the previous benchmark I-O accounts, changes in product prices, and information on types of inventory accounting methods used (such as LIFO, FIFO, and average cost). The benchmark I-O accounts have traditionally shown the IVA as an aggregate balancing entry in the accounts. The previous benchmark I-O treatment included an IVA commodity and an IVA industry. In the IVA commodity row, the aggregate value for the IVA appeared in the final uses column for inventory

change. In the IVA industry column, it appeared as other value added (which included corporate and non-corporate IVA as two of its subcomponents).

The 2002 benchmark adopted a new treatment that explicitly accounts for the IVA by holding industry, commodity, and inventory type, which includes materials and supplies, work-in-process, finished goods, and merchandise trade inventories. The I-O accounts included IVA in output only where it was appropriate.

Royalties

BEA improved its measurement of royalties output with new source data and methodology changes. Income from royalties (except copyrighted works) is included in the gross output for the "lessors of nonfinancial intangible assets" industry. Because Economic Census source data for royalty and licensing income and payments are not comprehensive, BEA uses information from the Internal Revenue Service's Statistics of Income (SOI) corporate income tax return data in measuring income from royalties.⁷ However, these data provide income from royalties and copyrights combined.

BEA's international services data on royalties and licensing fees were used to develop a distribution of payments for the use of U.S. intellectual property by type.⁸ This distribution was applied to the SOI corporate royalty data in order to estimate and remove copyright receipts from royalty receipts. Additional adjustments were made to account for royalty income from individuals, partnerships, and fiduciaries.

Personal consumption expenditures

The 2002 benchmark I-O accounts improved the estimates of personal consumption expenditures (PCE) for telecommunications, air transportation, and "food away from home." The changes reflect the results of extensive research into new source data and estimation methodologies so that estimates would better reflect changes to household purchasing patterns.

Telecommunications. A new methodology was adopted that estimates and redistributes reimbursed expenses of telecommunications services for those who use their personal telephone and/or Internet service for business use when working from home. In previous I-O accounts, consumer spending on telecommunications was based on historical expenditure levels that included within household expenditures, the business use of personal (household) telecommunications services; the business use was not treated as an intermediate expenditure.

7. For more information, go to <www.irs.gov>.

8. See "Table 4. Royalties and License Fees, 1986-2005" at <www.bea.gov/international/intlserv.htm>.

For the 2002 benchmark I-O accounts, information from the Current Population Survey's Work at Home Supplement and the Federal Communications Commission (FCC) on household expenditures on local, long distance, and cellular telephone services was used to estimate personal telephone service expenditures by workers at home. This estimate was then combined with information from the Consumer Expenditure Survey from the Bureau of Labor Statistics (BLS) to estimate the portion of telephone service expenditures attributable to work activities and reimbursed to the household.⁹

Estimates for reimbursed personal Internet service expenses were derived similarly. Both of these reimbursed expenses for business use were removed from personal consumption expenditures and redistributed as inputs or expenses of intermediate industries.

Air transportation. The 2002 benchmark I-O accounts updated the methodology and source data used to prepare PCE estimates for domestic passenger air transportation.

Previous benchmark I-O accounts estimates of PCE for domestic passenger air transportation included only domestic recreational or leisure air travel of U.S. residents. Nonresident travel and personal nonrecreational travel were not included.¹⁰ The 2002 benchmark I-O accounts incorporated nonresident travel data from the U.S. travel and tourism satellite accounts and personal and family business trip activity (non-recreational) data from the Bureau of Transportation Statistics' 2001 National Household Travel Survey. This resulted in qualitative and quantitative adjustments to include nonresident and nonrecreational domestic air travel within PCE.¹¹

As a result, the share of domestic passenger air transportation output that is attributed to households (PCE) increased significantly, which in turn increased GDP. Additionally, the estimates of intermediate consumption by business and government of air travel were reduced, and their value added was increased. The nonresident travel correction was included in the

9. The Current Population Survey is conducted by the Census Bureau for BLS. It provided estimates of the number of wage and salary workers and self-employed workers who worked at home and used a telephone or the Internet. The FCC's *Reference Book of Rates, Price Indices, and Household Expenditures for Telephone Service* provided the average annual household expenditures on local, long distance, and cellular telephone services. The 2002 Consumer Expenditure Survey provided percentages of consumers deducting telephone and Internet services as business expenses and the average annual Internet household expenditures.

10. Personal nonrecreational travel includes trips made for medical purposes, shopping, college visits, and funerals and other family-related emergencies.

11. See "Table 3. Demand for Commodities by Type of Visitor" in Peter D. Kuhbach, Mark A. Planting, and Erich H. Strassner, "U.S. Travel and Tourism Satellite Accounts for 1998-2003," SURVEY 84 (September 2004): 58.

I-O accounts as a rest-of-the-world adjustment.

Food away from home. In previous benchmark I-O accounts, the PCE estimates for food and beverages in purchased meals were based on historical household expenditures. The new methodology uses information from the BLS Telephone Point of Purchase Survey combined with the Census Bureau's Economic Census "class-of-customer" data to estimate household expenditures on food and nonalcoholic beverages in purchased meals. The Economic Census class-of-customer data were used to estimate the portion of overall food service industry sales that stem from households and individuals. Households and individuals purchase food and beverages in different ways, sometimes as part of a full service meal or a fast food meal, that reflect different pricing. The Telephone Point of Purchase Survey data were then used to measure the portion of food service industry sales that represent household expenditures at full service and limited service restaurants. The use of these two data sources updated PCE for food and beverages in purchased meals to reflect the differences in pricing and expenditure patterns for food away from home.

Compilation of the 2002 Benchmark I-O Accounts

The calculation of the benchmark I-O accounts is a complex process that involves the collection and integration of data from a variety of sources.¹² BEA prepared the 2002 benchmark I-O accounts in seven steps:

(1) A consistent classification framework that could be used for presenting the tables on a 2002 NAICS basis and for linking backwards with the aid of concordances was developed.

(2) Output for each industry and commodity, which formed the basis for the I-O make table, was estimated.

(3) Domestic supply of each commodity was estimated.

(4) Final uses of commodities were estimated, either directly or by using the commodity-flow method.

(5) Intermediate and value-added inputs required by each industry to produce its output were estimated.

(6) Wholesale and retail trade margins, transportation costs, and excise and sales taxes were estimated in order to convert all transactions by final and intermediate users from the prices received by producers to the prices paid by purchasers.

(7) The gross operating surplus from the 2002 benchmark I-O accounts was reconciled with the 2002 GDP-by-industry accounts, while simultaneously

12. For more information, see Karen J. Horowitz and Mark A. Planting, *Concepts and Methods of the Input-Output Accounts* on BEA's Web site at <www.bea.gov/papers/pdf/IOmanual_092906.pdf>.

balancing the benchmark I-O use table.

Step 1: Classification framework

The classification of industries in the 2002 benchmark I-O accounts was based on the 2002 NAICS. Over the past few years, many statistical agencies, including the Census Bureau, have completed the conversion from Standard Industrial Classification to NAICS, allowing for consistency and comparability between most Federal statistical data. The Harmonized System, the classification system for foreign trade, was used as the basis for foreign trade estimates in the I-O accounts; it was translated into a NAICS basis in order to create consistency across all estimates within the accounts.

Step 2: Industry and commodity outputs

BEA released a preliminary I-O make table showing industry and commodity output estimates in September 2005.¹³ These preliminary estimates were based on early 2002 Economic Census data and Department of Agriculture data on receipts and shipments. Data for all industries were not available at the time; the gross output estimates included some estimates based on extrapolation from annual survey data or estimated using other similar techniques. The industry estimates included in the September 2005 release were revised, based on final Economic Census data.

The output of most commodities and industries was based on receipts and shipments data from the 2002 Economic Census and for agriculture, data from the Department of Agriculture. Output was estimated using various approaches. For example, mining and manufacturing output was measured by shipments. Nonprofit and auxiliary industry output was measured using expenses. Commodities data formed the basis for agriculture output estimates. Receipts less cost of goods sold were used to estimate margin output of wholesale and retail trade. Most other industry output was estimated using receipts. Principal data sources used to estimate commodity and industry output are shown in table A.

While the Economic Census covered the majority of establishments, it did not cover businesses without employees, such as real estate agents and small, independent “mom and pop” businesses. For these entities, estimates were based on administrative records of the IRS, primarily from sole proprietorship businesses filing IRS Form 1040, and compiled as nonemployer data by the Census Bureau. The Census Bureau’s nonemployer data were added to BEA’s output estimates to

ensure complete coverage of all establishments.

The following industries were among those not covered by the Economic Census: Large certificated passenger air transportation and rail transportation, private elementary and secondary schools, and private colleges and universities. For these industries, BEA used data from other sources—such as the Department of Transportation and the Department of Education. These sources are identified in table A. BEA also made imputations for estimates for which data were not available, notably for owner-occupied housing, own-account construction, and own-account software.

Industry output includes all primary and secondary activities. For example, the output for an industry that primarily produced milk and a small amount of butter would be classified within the milk industry. However, at the commodity level, the shipments were separated so the milk commodity included only the production of milk and the butter production was part of the butter commodity.

Step 3: Domestic supply

The domestic supply of each commodity is the total value of goods and services available for consumption as intermediate inputs by industries or as final uses. Domestic supply represents the value of commodities produced by domestic firms, plus imports and government sales, less exports and changes in inventory. Changes in private inventories by commodity were based on Economic Census data and on information on corporate inventories by industry from the IRS Statistics of Income. Exports and imports were based on foreign trade statistics from the Census Bureau and on data from BEA’s international transactions accounts. Domestic supply was measured in producers’ prices; therefore, transportation costs and wholesale trade margins were removed from exports before the final calculation.

Step 4: Final uses

Many final demand estimates were created using the commodity-flow method. In many cases, a predominant user of a commodity can be identified and a portion of that commodity can be assigned to flow to a particular final use for purchase by consumers or by business for investment. Class-of-customer data from the Economic Census or information developed from alternative sources—such as trade associations, private businesses, and other government agencies—was used to identify who is purchasing a commodity. For example, using class-of-customer data from the Economic Census, purchases of tax return preparation services for PCE were estimated as 94.4 percent of domestic supply.

13. See Karla L. Stanley-Allen, Nicholas R. Empey, Douglas S. Meade, Stanislaw J. Rzezniak, Mary L. Streitwieser, and Monica S. Stropole, “Preview of the Benchmark Input-Output Accounts for 2002,” *SURVEY 85* (September 2005): 66–77.

The coverage of class-of-customer data may vary from previous benchmark I-O accounts and sometimes adjusted to reflect changes in purchasing patterns. If 2002 information was not available, commodity-flow estimates were carried forward.

Table A. Principal Data Sources for Industry or Commodity Outputs, 2002 Benchmark I-O Accounts

Industry or commodity	Source
Agriculture, forestry, fishing and hunting.....	U. S. Department of Agriculture, Forest Service, Economic Research Service and National Agriculture Statistical Service National Oceanic and Atmospheric Administration, National Marine Fisheries Service, <i>Fisheries of the United States</i> Census Bureau, Statistics of United States Businesses
Mining	Census Bureau, 2002 Economic Census, NAICS Sector 21, Mining
Utilities	Census Bureau, 2002 Economic Census, NAICS Sector 22, Utilities U.S. Department of Energy, Energy Information Administration
Construction.....	Census Bureau, Value of Construction Put In Place Statistics
Manufacturing	Census Bureau, 2002 Economic Census, NAICS Sector 31–33, Manufacturing Census Bureau, 2003 Current Industrial Reports
Wholesale trade	Census Bureau, 2002 Economic Census, NAICS Sector 42, Wholesale Trade Census Bureau, 2002 Annual Wholesale Trade Survey
Retail trade	Census Bureau, 2002 Economic Census, NAICS Sector 44–45, Retail Trade Census Bureau, 2002 Annual Retail Trade Survey
Transportation and warehousing.....	Census Bureau, 2002 Economic Census, NAICS Sector 48–49, Transportation and Warehousing U.S. Department of Transportation: <i>Air Carrier Financial Statistics Quarterly</i> U.S. Department of Transportation, Bureau of Transportation Statistics U.S. Department of Transportation, Surface Transportation Board Alaska Railroad 2003 Annual Report Association of American Railroads, <i>2004 Railroad Facts</i> Amtrak <i>2004 Annual Report</i>
Information	Census Bureau, 2002 Economic Census, NAICS Sector 51, Information
Finance, insurance, real estate, rental and leasing	Census Bureau, 2002 Economic Census, NAICS Sector 52, Finance and Insurance Census Bureau, 2002 Economic Census, NAICS Sector 53, Real Estate and Rental and Leasing Federal Deposit Insurance Corporation, <i>2003 Statistics on Banking</i> New York Stock Exchange, <i>2002 Annual Report</i> Federal Reserve Board, <i>Flow of Funds Accounts</i> Internal Revenue Service, 2002 Statistics of Income A. M. Best and Company, <i>Bests 2003 Aggregate and Averages, Property/Casualty Insurance</i> Mortgage Insurance Companies of America, <i>2003–2004 Fact Book</i> American Council of Life Insurers, <i>2003 Life Insurance Fact Book</i> Bureau of Economic Analysis, National Income and Product Accounts
Professional and business services.....	Census Bureau, 2002 Economic Census, NAICS Sector 54, Professional, Scientific, and Technical Services Census Bureau, 2002 Economic Census, NAICS Sector 55, Management of Companies and Enterprises Census Bureau, 2002 Economic Census, NAICS Sector 56, Administrative and Support and Waste Management and Remediation Services
Educational services, health care, and social assistance.....	U.S. Department of Education, National Center for Education Statistics, <i>2002 Digest of Education Statistics</i> Census Bureau, 2002 Economic Census, NAICS Sector 61, Educational Services Census Bureau, 2002 Economic Census, NAICS Sector 62, Health Care and Social Assistance
Arts, entertainment, recreation, accommodation, and food services.....	Census Bureau, 2002 Economic Census, NAICS Sector 71, Arts, Entertainment, and Recreation Census Bureau, 2002 Economic Census, NAICS Sector 72, Accommodation and Food Services
Other services, except government	Census Bureau, 2002 Economic Census, NAICS Sector 81, Other Services Bureau of Economic Analysis, National Income and Product Accounts
Government	Census Bureau, 2002 Census of Governments Census Bureau, 2002 Government Finances Census Bureau, 2002 Public Employment Federal Budget Data and Federal Government Agency Reports Center for Medicare and Medicaid Services Bureau of Economic Analysis, National Income and Product Accounts
Noncomparable imports.....	Bureau of Economic Analysis, International Transactions Accounts
Scrap, used and secondhand goods	Census Bureau, 2002 Economic Census, NAICS Sector 31–33, Manufacturing Census Bureau, 2002 Economic Census, NAICS Sector 42, Wholesale Trade Census Bureau, 2002 Economic Census, NAICS Sector 44–45, Retail Trade

If percentage distributions to final users were not precisely known, a modified commodity-flow method was used. In this method, government expenditures for, and intermediate purchases by businesses of, a commodity were subtracted from the commodity domestic supply in order to obtain a residual that reflects purchases by persons for consumption or by business for investment. For example, purchases of cereal for PCE were estimated using this method, with the entire residual value allocated to PCE.

The estimates of final uses of the Federal Government and of state and local governments were based on the estimates of total consumption and investment expenditures by type of purchase from the NIPAs. These estimates were then allocated to I-O commodities based on professional judgment and on information from the 2002 Census of Governments, Federal budget data, and government agency reports.

The estimates of residential and nonresidential structures in gross private fixed investment were generally based on information from Census Bureau data on the value of construction put in place. Estimates of oil and gas well drilling, new access structures for solid mineral development, and manufactured mobile structures were based on 2002 Economic Census data.

Step 5: Industry intermediate inputs and value added

As shown in table B, most of the detailed data available to estimate commodity inputs were from the 2002 Economic Census and the Business Expenses Survey, which included expanded information about industry expenses. In particular, BEA's input estimates were greatly improved because of the inclusion of a catch-all expense category on the Census Bureau reporting forms used by the manufacturing sector for "all other expenses." This expense category allowed for the reporting of all expenses, rather than the limited number of specific expenses available in the past. These data were available in previous benchmark I-O accounts for service industries, but for manufacturing industries, only select expenses data were available.

When only aggregate data for expenses were available, BEA combined that information (for example, purchases of fuel by manufacturing industries) with information on purchases of individual commodities (for example, purchases of petroleum products, natural gas, and coal in purchased fuels) to estimate the purchases of specific commodities by an industry (for example, purchases of natural gas by a manufacturing industry). If BEA did not have direct information for intermediate inputs, estimates were extrapolated from 1997 benchmark I-O accounts relative to the change in industry output from 1997 to 2002.

In the I-O accounts, value added consists of three components—compensation of employees, taxes on production and imports less subsidies, and gross operating surplus. The first two components were estimated from a variety of data sources (table B). Total compensation estimates were based on values reported in the 2002 Economic Census that were scaled to NIPA total compensation. Taxes on production and imports less subsidies data from the NIPAs were distributed to all appropriate industries either using a general distribution or by allocating industry specific taxes to the most correct industry. For general sales and excise taxes, the values were incorporated as part of each industry's output on the basis of information from census annual surveys for sales taxes and from the GDP-by-industry accounts for excise taxes. For other indirect business taxes, such as property taxes, estimates were allocated based on a variety of source data, including state government tax collections and highway statistics. Depreciation, a part of gross operating surplus, was estimated for auxiliaries and government industries.

Step 6: Transportation costs, trade margins, and excise and sales taxes

To estimate the cost of transporting commodities from producers to users, BEA first estimated all transportation services bought and sold in the economy by mode—that is, by rail, truck, water, air, and pipeline. Total transportation receipts for each mode were then separated into receipts from travel by persons, such as household consumers' purchases of airline services for vacation travel, and from receipts from the transport of goods, such as mining operators shipping coal by rail. The receipts for moving goods were allocated to commodities by mode: For rail, the allocation was based on information from the American Association of Railroads; for air, from the Department of Transportation; and for all other modes, from the Census Bureau's 2002 Commodity-Flow Survey. For transportation margins on pipeline transmissions, BEA used data directly from the 2002 Economic Census.

The estimates of wholesale and retail trade margins were based on sales data from the 2002 Economic Census supplemented by information from the 2002 Annual Trade Survey and the 2002 Annual Retail Trade Survey. Margin output was then allocated to commodities using information on sales for major commodity lines by type of business (for example, sales of kitchen appliances by household appliance stores) from the Economic Census. The estimates of sales and excise taxes were based on information from Census Bureau annual trade surveys and from the NIPAs.

Step 7: Reconciling gross operating surplus and final balancing

The final step was to balance the benchmark I-O use table. The output of each commodity (row) in the use table must equal the sum of the transactions for that commodity, and the output of each industry (column) in the table must equal the sum of input transactions, including value added, for that industry. In practice, the estimates often result in various discrepancies that require adjustments.

This balancing was achieved via a new process designed to reconcile the gross operating surplus esti-

mates in the 2002 benchmark I-O accounts with the gross operating surplus estimates in the 2002 GDP-by-industry accounts.¹⁴ The reconciliation produced a balanced benchmark I-O use table and improved the intermediate inputs and the gross operating surplus estimates.

The new reconciliation and balancing model is con-

14. The annual I-O accounts and the GDP-by-industry accounts were integrated in 2004; see Brian C. Moyer, Mark A. Planting, Paul V. Kern, and Abigail M. Kish, "Improved Annual Industry Accounts for 1998–2003: Integrated Annual Input-Output Accounts and Gross-Domestic-Product-by-Industry Accounts," *SURVEY* 84 (June 2004): 21–57.

Table B. Principal Data Sources and Methods for Estimating Intermediate Inputs and Value-Added, 2002 Benchmark I-O Accounts

Input component	Source data and methods used
Intermediate inputs	<p>Agriculture, forestry, fishing and hunting Inputs to the agriculture, forestry, fishing and hunting industries were estimated from U.S. Department of Agriculture's 2002 Census of Agriculture or by extrapolating 1997 benchmark I-O estimates. These estimates were adjusted during the process of balancing commodity purchases across industries with commodity output totals.</p> <p>Mining Inputs to the mining industries were estimated primarily from the 2002 Economic Census' mining sector reports. Detailed cost data on accounting, auditing, and bookkeeping services; advertising and promotional expenses; communication services; legal services; purchased electricity; purchased fuels consumed; rental payments for buildings and other structures; rental payments for machinery and equipment; supplies used and minerals received; and all other operating expenses were used to estimate intermediate inputs. Inputs were also extrapolated using the 1997 benchmark I-O estimates. Estimates were adjusted during the process of balancing commodity purchases across industries with commodity output totals.</p> <p>Construction Inputs to the construction industries were estimated primarily from 2002 Economic Census construction data.</p> <p>Manufacturing Inputs to the manufacturing industries were estimated primarily from the 2002 Economic Census' manufacturing sector reports. Detailed cost data on accounting, auditing, and bookkeeping services; advertising and promotional services; communication services; legal services; management consulting and administrative services; materials, parts, containers, packaging, etc., used; purchased computer services; purchased electricity; purchased fuels; refuse removal services; rental payments for buildings and other structures; rental payments for machinery and equipment; repair and maintenance services of buildings and/or machinery; and all other operating expenses were used to estimate intermediate inputs. Inputs were also extrapolated using the 1997 benchmark I-O estimates. Estimates were adjusted during the process of balancing commodity purchases across industries with commodity output totals.</p> <p>Services, trade, transportation and warehousing, and utilities For selected census-covered industries, information from the 2002 Business Expenses Survey (BES) on operating expenses was used, including accounting services; advertising services; communication services; contract labor costs; data processing and other computer related services; insurance costs; lease and rental payments; legal services; management consulting and other professional services; packaging and container costs; printing services; repair and maintenance services; transportation, shipping and warehousing services; cost of utilities; and other operating expenses. Estimates were adjusted during the process of balancing commodity purchases across industries with commodity output totals.</p> <p>For noncensus-covered industries, inputs were estimated from trade association data or by extrapolating 1997 benchmark I-O estimates by the change in industry output from 1997 to 2002. Estimates were adjusted during the process of balancing commodity purchases across industries with commodity output totals.</p>
Value-added:	
Compensation of employees	<p>For census-covered industries, payroll data from the 2002 Economic Censuses were used; data were adjusted for misreporting and I-O industry definitions. Benefits data for manufacturing and mining were from the 2002 Economic Census. Benefits data for industries covered by the BES were based on the relationship between the BES benefits and payroll data applied to the 2002 Economic Census payroll data. For the remaining industries, benefits were estimated using indirect techniques.</p> <p>For noncensus-covered industries, tabulations of wages and salaries covered by state unemployment insurance and estimates of benefits from the national income and product accounts were used; data were adjusted for misreporting and I-O industry definitions.</p> <p>All estimates were adjusted to balance to total compensation in the national income and product accounts.</p>
Taxes on production and imports less subsidies	<p>The estimates by industry were prepared in two parts: For excise and general sales taxes, the values were estimated as part of each industry's output; for other taxes, assessments and license fees, the estimates were distributed on the basis of a variety of source data, including state government tax collections statistics and the BES. For all other tax liabilities, estimates were distributed to industries using indirect techniques.</p> <p>All estimates were adjusted to balance to total taxes on production and imports, less subsidies in the national income and product accounts.</p>
Gross operating surplus	<p>For most industries, the residual method (total industry output less total intermediate inputs, compensation of employees, and taxes on production and imports, less subsidies) was used.</p>

sidered a milestone in the development of the BEA industry accounts; BEA has made integration of these accounts a priority. A full discussion of the new process will be published in an upcoming issue of the *SURVEY OF CURRENT BUSINESS*. In addition to enhanced transparency and flexibility, the new reconciliation and balancing framework has two notable advantages over past models. First, the model is built on a firm statistical foundation in which adjustments reflect the relative reliability of the initial estimates. Second, the least squares framework ensures that adjustments made to initial estimates are as small as possible and still satisfy the accounting constraints of the model.

Technical Note

The 2002 Benchmark I-O Accounts Tables

The 2002 benchmark I-O accounts include standard make and use tables and several supplementary tables. The supplementary tables consist of make and use tables based on the standard tables, four requirements tables, and bridge tables.

Standard tables

The standard make and use tables are based on the 2002 NAICS. For the purpose of data collection, an establishment or a business unit is assigned to an industry according to its output and production process. However, most establishments produce more than one product, so the establishment is categorized by its primary source of revenue or its primary product. The other products that the establishment produces are identified as secondary products. For example, a hotel may also provide restaurant services, but these services are not part of the hotel industry's primary product of lodging, so they are treated as a secondary product of the hotel industry. The standard make and use tables are constructed before the redefinition of selected secondary products; all of the products—primary and secondary—that are produced by an industry are assigned to that industry. As a result, the data in these tables are consistent with GDP-by-industry accounts, the gross-domestic-product-by-state accounts, and with other industry data reported by other statistical agencies on a NAICS basis.

Table 1, standard make table. The standard make table is a matrix that shows the value in producers' prices of each commodity produced by each industry (see the schematic in the upper panel of chart 1 and estimates in table C). In the matrix, commodities are presented in the columns, and industries are presented in the rows. The entries in a row represent the dollar value of commodities produced by an industry. The entries in a column represent the value of the production by each industry of a commodity. The diagonal

cell in each row (a shaded cell in chart 1) shows the value of production of the commodity for which the industry has been designated the "primary" producer. Any entries in the other cells in the row show the value of production of commodities for which other industries are the primary producers (and for which the given industry is a "secondary" producer). The row total in the make table is total industry output, and the column total is total commodity output. As indicated by the shading in chart 1, the row totals of the make table equal the column totals of the use table, and the column totals of the make table equal the row totals of the use table.

Table 2, standard use table. The standard use table is a matrix that shows the commodities consumed, or used, by each industry and final consumer (see the schematic in the lower panel of chart 1 and estimates in table D). The entries in a row represent the dollar value of the use by each industry of a commodity and of the sales of the commodity to final uses. The industry uses add up to total intermediate use (the far right column of the industries' portion in chart 1). The final uses sum to GDP (the far right column of the final uses' portion in chart 1). The entries in a column represent the value of the commodities—that is, of raw materials, semi finished products, and services—used and the value added that is generated in production by an industry. The row total (total commodity output) is the production of the commodity (regardless of which industry contributed to that production), and the column total (total industry output) is the production of the industry (regardless of what commodity was produced).

Supplementary tables

The supplementary make and use tables are based on the standard make and use tables. In the supplementary make and use tables, some of the secondary products are reassigned to the industries in which these products are primary products. The estimates in the supplementary make and use tables are used to calculate four requirements tables—commodity-by-industry direct requirements, commodity-by-commodity total requirements, industry-by-commodity total requirements, and industry-by-industry total requirements—that quantify the direct and indirect effects of changes in final demand on the economy. The data in the supplementary make and use tables and in the total requirements tables that are derived from them are valuable for performing economic structural analysis, impact analysis, and other types of economic modeling because they show the interdependence among the producers and consumers in the economy. Using these tables, analysts can estimate the direct and indirect

effects of changes in final uses on industries and commodities. For example, these tables can be used to determine the economic impact of a disaster or to compute the effect on output of a shift in demand from domestic to imported goods.

Tables 3 and 4, supplementary make and use tables (after redefinitions). In traditional I-O analysis, industries are required to have homogeneous production processes: Each industry produces only one commodity, and each commodity is produced by only one industry. Thus, secondary products present a special problem because they represent heterogeneity in an industry's output. In order to transform the make and use tables into the required format, assumptions about the technology of producing secondary products are needed. The two most commonly used technology assumptions are the industry-technology assumption and the commodity-technology assumption.

BEA developed a two-step process to reassign the secondary products from the industry in which they were produced to the industries in which these products are primary products.¹⁵ The first step is the "redefinition process." In this step, it is assumed (1) that the input structure of a secondary product differs from the

input structure of the primary product of the industry in which the secondary product was produced and (2) that the input structure of a secondary product is similar to that of the primary product of the industry to which it is reassigned.¹⁶ As a result of the redefinition process, the total value of secondary products is decreased, and the total value of primary products is increased, by the same amount. Redefinitions affect numerous industries within the I-O accounts, most notably wholesale trade, retail trade, and accommodations and food services.

The second step refers to "reclassifications and other secondary products."¹⁷ In this step, the remaining secondary products are reassigned so that each industry produces only its primary product. This step also assumes that the input structure of each secondary product is the same as, or similar to, that of the primary product that the industry produces.¹⁸ For example, newspapers are treated as the primary product of the newspaper industry, while advertising is treated as the primary product of the advertising industry. Newspaper advertising is treated as a secondary product of the newspaper industry, since the same input structure is

15. See Jiemin Guo, Ann M. Lawson, and Mark A. Planting, "From Make-Use to Symmetric I-O Tables; An Assessment of Alternative Technology Assumptions" (paper presented at the 14th International Conference on Input-Output Techniques, Montreal, Canada, October 10-15, 2002, sponsored by the International Input-Output Association) for the detailed procedures and technology assumptions used for secondary products in the preparation of benchmark I-O tables.

16. This step is based on the commodity-technology assumption, which assumes that each commodity has an input structure that is independent of the industry that produced it.

17. For more information, see *Concepts and Methods of the Input-Output Accounts* on BEA's Web site.

18. This step is based on the industry-technology assumption, which assumes that the input structure of all the commodities produced by an industry is the same.

Table C. The Make of Commodities by Industries Before Redefinitions, 2002

(Millions of dollars at producers' prices)

Industry/Commodity	Commodities															Total industry output	
	Agriculture, forestry, fishing and hunting	Mining	Utilities	Construction	Manufacturing	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	Other services, except government	Government		Scrap, used and second-hand goods
Agriculture, forestry, fishing and hunting	269,231				42							1,242					270,514
Mining		168,822		61	15,367	106					161						184,516
Utilities		33	314,461	1,961			290				638				961		318,364
Construction				967,568													967,568
Manufacturing		807	64	1,842	3,770,122	38,736					36,548			90		2,208	3,850,417
Wholesale trade	391			185	4,370	829,988					13,447	21		27,820			884,519
Retail trade				902	9,784		879,480	2,231		10,769	3,259	489	19,754	85,802			1,012,470
Transportation and warehousing	5		181	4,452		269	466	587,894		297	2,416	69	4	459			596,511
Information				1,168		1,967	1,232		772,277	2,025	175,693	926	85	14			955,385
Finance, insurance, real estate, rental, and leasing				34,639		140	2,257	21		3,490,860	9,838		56	558			3,538,368
Professional and business services		46		272		1	5,142		4,476	1,030	1,982,955	551		3,523		421	1,998,418
Educational services, health care, and social assistance				1,716			7,978			2,104	4,304	1,266,099	10,545	16			1,292,762
Arts, entertainment, recreation, accommodation, and food services				1,737			5,899		35	8,943	3,798	2,002	683,893	504		66	706,878
Other services, except government				669		321	2,843			335	2,019	9	3,091	447,483			456,770
Government	2,157	355	71,888	15,192	2,769		2,976	16,163	2,620	24,477	28,324	179,455	41,787	2,218	1,753,381	2,520	2,146,282
Total commodity output	271,784	170,063	386,593	1,032,363	3,802,454	871,529	908,294	607,006	779,409	3,548,730	2,263,400	1,449,620	760,456	568,487	1,754,342	5,215	19,179,743

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

used in production, and is reclassified to the advertising commodity. This step is performed by the mathematical equations that are used to derive the three total requirements tables.¹⁹ The reclassification process also affects a wide range of industries, including state and local government enterprises, manufacturing, “news-

19. For information about deriving the total requirements tables and traditional I-O tables, see *Handbook of Input-Output Table, Compilation and Analysis* (New York: United Nations, 1999).

paper, book, and directory publishers,” “radio and television broadcasting,” and finance.

Table 5, commodity-by-industry direct requirements table. This table is derived from the use table by relating commodity input for an industry to the industry’s output. The values in the table, referred to as the “direct requirements coefficients,” show the amount of a commodity required by the industry to produce a dollar of the industry’s output.

Table D. The Use of Commodities by Industries Before Redefinitions, 2002

(Millions of dollars at producers’ prices)

Commodity/Industry	Industries											
	Agriculture, forestry, fishing and hunting	Mining	Utilities	Construction	Manufacturing	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
Agriculture, forestry, fishing and hunting.....	72,009	361	0	2,665	145,444	254	1,738	19	0	1,433	736	272
Mining.....	700	8,610	61,790	8,541	140,715	84	81	1,189	264	1,357	441	299
Utilities.....	6,328	5,466	377	4,340	70,011	5,319	14,295	4,152	4,969	20,669	9,269	17,912
Construction.....	1,168	6,621	7,234	672	12,191	1,093	3,040	4,508	5,320	55,738	4,985	2,673
Manufacturing.....	40,482	17,118	8,462	232,203	1,337,271	40,999	62,195	65,513	54,391	56,850	69,109	111,861
Wholesale trade.....	10,469	2,584	1,349	27,203	191,839	28,144	15,040	8,456	7,033	12,945	8,775	18,860
Retail trade.....	227	434	61	46,778	9,154	848	2,488	2,409	188	8,801	944	2,268
Transportation and warehousing.....	6,873	3,696	22,505	16,435	88,481	28,448	28,967	69,044	12,229	13,518	23,677	10,532
Information.....	383	593	1,107	8,524	31,981	8,561	11,468	6,439	131,341	29,371	53,650	18,821
Finance, insurance, real estate, rental, and leasing.....	29,994	23,413	8,695	34,695	91,007	44,753	95,289	48,680	51,805	668,345	149,840	142,576
Professional and business services.....	4,114	22,018	14,470	84,141	383,790	102,447	91,382	58,776	114,083	210,443	287,573	125,587
Educational services, health care, and social assistance.....	1,026	1	129	39	84	427	2,037	65	403	73	491	20,937
Arts, entertainment, recreation, accommodation, and food services.....	315	238	3,910	3,178	17,014	4,471	5,634	5,211	19,513	24,307	41,963	13,717
Other services, except government.....	1,266	373	727	15,050	20,015	6,725	7,514	5,826	7,995	27,016	21,908	12,985
Government.....	70	13	269	53	2,335	7,303	6,889	13,010	3,724	6,516	6,228	7,233
Other inputs ¹	97	971	489	267	17,032	7,388	486	16,130	11,214	21,343	8,489	32
Scrap, used and secondhand goods.....	-14	24	54	88	11,838	2	604	1,045	77	-784	510	87
Total intermediate inputs.....	175,508	92,533	131,627	484,869	2,570,200	287,265	349,145	310,472	424,548	1,158,439	688,586	506,652
Compensation of employees.....	31,838	28,686	56,976	368,239	764,996	323,241	376,391	202,720	246,334	546,756	948,554	655,656
Taxes on production and imports less subsidies.....	-3,239	13,532	36,177	5,387	32,554	142,855	133,421	12,527	40,420	225,834	24,532	11,530
Gross operating surplus.....	66,407	49,766	93,585	109,073	482,666	131,159	153,513	70,793	244,084	1,607,339	336,746	118,924
Total value added.....	95,006	91,983	186,737	482,698	1,280,217	597,255	663,325	286,039	530,837	2,379,929	1,309,832	786,110
Total industry output.....	270,514	184,516	318,364	967,568	3,850,417	884,519	1,012,470	596,511	955,385	3,538,368	1,998,418	1,292,762

Commodity/Industry	Industries				Final uses (GDP)							Total final uses (GDP)	Total commodity output
	Arts, entertainment, recreation, accommodation, and food services	Other services, except government	Government	Total intermediate use	Personal consumption expenditures	Private fixed investment	Change in private inventories	Exports of goods and services	Imports of goods and services	Government consumption expenditures and gross investment			
Agriculture, forestry, fishing and hunting.....	4,179	95	1,689	230,894	48,655	.....	-3,756	20,976	-24,985	.....	40,890	271,784
Mining.....	341	178	7,910	232,499	118	30,444	-2,782	3,768	-93,985	.....	-62,437	170,063
Utilities.....	16,646	5,332	30,877	215,963	171,307	.....	.....	524	-1,201	.....	170,630	386,593
Construction.....	2,768	2,646	42,488	153,144	.....	662,526	.....	66	.....	216,628	879,220	1,032,363
Manufacturing.....	76,939	36,361	200,078	2,409,830	1,228,144	565,745	13,781	495,415	-994,827	84,364	1,392,623	3,802,454	
Wholesale trade.....	13,228	5,899	29,370	381,193	303,995	86,312	2,288	68,164	19,917	9,659	490,335	871,529	
Retail trade.....	1,964	4,854	281	81,699	789,492	37,103	.....	.....	.....	.....	826,596	908,294
Transportation and warehousing.....	8,007	7,092	37,724	377,228	161,939	19,460	208	58,334	-12,102	1,939	229,778	607,006	
Information.....	8,702	9,697	58,598	379,233	311,503	59,242	-206	26,305	-3,598	6,929	400,176	779,409	
Finance, insurance, real estate, rental, and leasing.....	55,647	72,769	61,560	1,579,070	1,845,787	70,858	.....	80,158	-27,142	.....	1,969,660	3,548,730
Professional and business services.....	80,885	42,351	251,866	1,873,924	160,652	159,572	.....	56,852	-8,970	21,370	389,476	2,263,400
Educational services, health care, and social assistance.....	405	1,687	17,795	45,597	1,403,815	.....	.....	703	-495	.....	1,404,023	1,449,620
Arts, entertainment, recreation, accommodation, and food services.....	19,458	6,356	23,426	188,710	571,253	.....	.....	603	-110	.....	571,746	760,456
Other services, except government.....	8,041	5,986	26,492	168,420	401,798	.....	.....	141	-1,872	.....	400,067	568,467
Government.....	7,601	2,445	9,833	73,520	47,774	.....	.....	238	.....	1,632,810	1,680,822	1,754,342
Other inputs ¹	388	55	16,774	101,155	-35,665	2,758	.....	89,812	-158,059	.....	-101,154	.....
Scrap, used and secondhand goods.....	328	1,911	-3	15,766	68,346	-85,528	4,142	7,692	-8,040	2,838	-10,550	5,215	
Total intermediate inputs.....	305,528	205,713	816,759	8,507,844	.....	.....	.....	.....	.....	.....	.....	.....
Compensation of employees.....	255,379	156,243	1,134,622	6,096,629	.....	.....	.....	.....	.....	.....	.....	.....
Taxes on production and imports less subsidies.....	50,273	10,949	-12,393	724,358	.....	.....	.....	.....	.....	.....	.....	.....
Gross operating surplus.....	95,699	83,666	207,294	3,850,912	.....	.....	.....	.....	.....	.....	.....	.....
Total value added.....	401,351	251,058	1,329,522	13,299,522	1,329,522	1,608,492	13,675	909,752	-1,315,468	1,976,536	10,671,901	19,179,743	
Total industry output.....	706,878	456,770	2,146,282	.....	7,478,914	1,608,492	13,675	909,752	-1,315,468	1,976,536	.....	19,179,743

1. Includes noncomparable imports and rest-of-the-world adjustments.
NOTE: Detail may not add to total due to rounding.

Table 6, commodity-by-commodity total requirements table. This table is derived from both the make and use tables. The values in the table, referred to as “commodity-by-commodity total requirements coefficients,” show the production required both directly and indirectly of the commodity at the beginning of each row per dollar of delivery to final use of the commodity at the top of the column.

Table 7, industry-by-commodity total requirements table. This table is derived from both the make and use tables. The values in the table, referred to as “industry-by-commodity total requirements coefficients,” show the production required directly and indirectly from the industry at the beginning of the row per dollar of delivery to final use of the commodity at the top of the column.

Table 8, the industry-by-industry total requirements table. This table is also derived from both the make and use tables. The values in the table, referred to as “industry-by-industry total requirements coefficients,” show the production required directly and indirectly from the industry at the beginning of the row per dollar of delivery to final use by the industry at the top of the column.

Bridge tables. Three additional supplementary tables serve as bridges between the I-O estimates and NIPA estimates. The first bridge table (appendix C) covers the I-O commodity composition of NIPA personal consumption expenditures. The second table (appendix D) covers the I-O commodity composition of NIPA private equipment and software expenditures. The third table (appendix E) reconciles the I-O estimates of exports and imports with those in the NIPAs.

The commodity composition tables are necessary because the valuations and definitions used in the I-O accounts differ from those used in the NIPAs. In the I-O accounts, the final use categories are expressed in producers’ prices; in the NIPAs, final demand categories are expressed in purchasers’ prices, except for merchandise imports where the value at the foreign port is used. Also, the definitions of the export and import components of I-O final use categories differ from

those of the NIPA final demand categories mainly because the I-O data are adjusted to account for goods that are returned to the country that originally exported it. Before the I-O total requirements tables can be used to analyze changes in commodity or industry output requirements that result from changes in the level or composition of NIPA final demand, the NIPA final demand categories must be converted to the I-O final use categories; that is, the analysis should be consistent with I-O final use commodities that are valued at producers’ prices for the I-O year and include separate entries for transportation costs and trade margins.

Some adjustments are necessary in order to reconcile the I-O estimates of exports and imports of goods and services with those in the NIPAs. In the NIPAs, unlike in the I-O accounts, imports include the U.S. merchandise that is returned to the United States from other countries, and exports include the foreign merchandise that is reexported from the United States to other countries. The same adjustments are made for both exports and imports, so total GDP is not affected.

New personal consumption expenditures classification system

The 2002 benchmark input-output accounts have incorporated a new classification structure for personal consumption final uses that classifies commodities according to function and type of product. The purpose of the new classification is to incorporate changes that reflect shifts in consumer buying patterns related to changing incomes, changing demographics, technological innovations, changing tastes and preferences, new government programs, and legislative changes.

This change was made in conjunction with the NIPAs and takes into consideration guidelines of the System of National Accounts (SNA). Under the new PCE classification system, there are numerous changes to commodities and commodity categories, and the aggregation structure is changed for each classification type. However, there is no change in the total level of PCE. For more information, see appendix C.

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Appendixes A–E follow.

Appendix A. Industries in the 2002 Benchmark Input-Output Accounts—Continues

I-O industry code and title	Related 2002 NAICS codes	I-O industry code and title	Related 2002 NAICS codes
AGRICULTURE, FORESTRY, FISHING AND HUNTING			
1110 Crop production		311513 Cheese manufacturing	311513
1111A0 Oilseed farming	11111-2	311514 Dry, condensed, and evaporated dairy product manufacturing	311514
1111B0 Grain farming	11113-6, 11119	311520 Ice cream and frozen dessert manufacturing	311520
111200 Vegetable and melon farming	1112	31161A Animal (except poultry) slaughtering, rendering, and processing	311611-3
1113A0 Fruit farming	11131-2, 111331-4, 111336*, 111339	3121 Beverage manufacturing	
111335 Tree nut farming	111335, 111336*	312110 Soft drink and ice manufacturing	31211
111400 Greenhouse, nursery, and floriculture production	1114	312120 Breweries	31212
111910 Tobacco farming	11191	312130 Wineries	31213
111920 Cotton farming	11192	312140 Distilleries	31214
1119A0 Sugarcane and sugar beet farming	11193, 111991	3122 Tobacco manufacturing	
1119B0 All other crop farming	11194, 111992, 111998	3122A0 Tobacco product manufacturing	3122
1120 Animal production		3130 Textile mills	
1121A0 Cattle ranching and farming	11211, 11213	313100 Fiber, yarn, and thread mills	3131
112120 Dairy cattle and milk production	11212	313210 Broadwoven fabric mills	31321
112A00 Animal production, except cattle and poultry and eggs	1122, 1124-5, 1129	313220 Narrow fabric mills and schiffli machine embroidery	31322
112300 Poultry and egg production	1123	313230 Nonwoven fabric mills	31323
1130 Forestry and logging		313240 Knit fabric mills	31324
113A00 Forest nurseries, forest products, and timber tracts	1131-2	313310 Textile and fabric finishing mills	31331
113300 Logging	1133	313320 Fabric coating mills	31332
1140 Fishing, hunting and trapping		3140 Textile product mills	
114100 Fishing	1141	314110 Carpet and rug mills	31411
114200 Hunting and trapping	1142	314120 Curtain and linen mills	31412
1150 Support activities for agriculture and forestry		314910 Textile bag and canvas mills	31491
115000 Support activities for agriculture and forestry	115	314990 All other textile product mills	31499
MINING			
2110 Oil and gas extraction		3150 Apparel manufacturing	
211000 Oil and gas extraction	211	315100 Apparel knitting mills	31511, 31519
2121 Coal mining		315210 Cut and sew apparel contractors	31521
212100 Coal mining	2121	315220 Men's and boys' cut and sew apparel manufacturing	31522
2122 Metal ores mining		315230 Women's and girls' cut and sew apparel manufacturing	31523
212210 Iron ore mining	21221	315290 Other cut and sew apparel manufacturing	31529
2122A0 Gold, silver, and other metal ore mining	21222, 21229	315900 Apparel accessories and other apparel manufacturing	3159
212230 Copper, nickel, lead, and zinc mining	21223	3160 Leather and allied product manufacturing	
2123 Nonmetallic mineral mining and quarrying		316100 Leather and hide tanning and finishing	3161
212310 Stone mining and quarrying	21231	316200 Footwear manufacturing	3162
212320 Sand, gravel, clay, and ceramic and refractory minerals mining and quarrying	21232	316900 Other leather and allied product manufacturing	3169
212390 Other nonmetallic mineral mining and quarrying	21239	3210 Wood product manufacturing	
2130 Support activities for mining		321100 Sawmills and wood preservation	3211
213111 Drilling oil and gas wells	213111	32121A Veneer and plywood manufacturing	321211-2
213112 Support activities for oil and gas operations	213112	32121B Engineered wood member and truss manufacturing	321213-4
21311A Support activities for other mining	213113-5	321219 Reconstituted wood product manufacturing	321219
		321910 Wood windows and doors and millwork	32191
		321920 Wood container and pallet manufacturing	32192
		321991 Manufactured home (mobile home) manufacturing	321991
		321992 Prefabricated wood building manufacturing	321992
		321999 All other miscellaneous wood product manufacturing	321999
UTILITIES			
2211 Electric power generation, transmission, and distribution		3221 Pulp, paper, and paperboard mills	
221100 Electric power generation, transmission, and distribution	2211	322110 Pulp mills	32211
2212 Natural gas distribution		322120 Paper mills	32212
221200 Natural gas distribution	2212	322130 Paperboard Mills	32213
2213 Water, sewage and other systems		3222 Converted paper product manufacturing	
221300 Water, sewage and other systems	2213	322210 Paperboard container manufacturing	32221
		32222A Coated and laminated paper, packaging paper and plastics film manufacturing	322221-2
		32222B All other paper bag and coated and treated paper manufacturing	322223-6
		322230 Stationery product manufacturing	32223
		322291 Sanitary paper product manufacturing	322291
		322299 All other converted paper product manufacturing	322299
CONSTRUCTION			
2301 New nonresidential construction		3230 Printing and related support activities	
230101 Nonresidential commercial and health care structures	23*	323110 Printing	32311
230102 Nonresidential manufacturing structures	23*	323120 Support activities for printing	32312
230103 Other nonresidential structures	23*	3240 Petroleum and coal products manufacturing	
2302 New residential construction		324110 Petroleum refineries	32411
230201 Residential permanent site single- and multi-family structures	23*	324121 Asphalt paving mixture and block manufacturing	324121
230202 Other residential structures	23*	324122 Asphalt shingle and coating materials manufacturing	324122
2303 Maintenance and repair construction		324191 Petroleum lubricating oil and grease manufacturing	324191
230301 Nonresidential maintenance and repair	23*	324199 All other petroleum and coal products manufacturing	324199
230302 Residential maintenance and repair	23*	3251 Basic chemical manufacturing	
		325110 Petrochemical manufacturing	32511
		325120 Industrial gas manufacturing	32512
		325130 Synthetic dye and pigment manufacturing	32513
		325181 Alkalies and chlorine manufacturing	325181
		325182 Carbon black manufacturing	325182
		325188 All other basic inorganic chemical manufacturing	325188
		325190 Other basic organic chemical manufacturing	32519
		3252 Resin, rubber, and artificial fibers manufacturing	
		325211 Plastics material and resin manufacturing	325211
		325212 Synthetic rubber manufacturing	325212
		325220 Artificial and synthetic fibers and filaments manufacturing	32522
		3253 Agricultural chemical manufacturing	
		325310 Fertilizer manufacturing	325311-4
		325320 Pesticide and other agricultural chemical manufacturing	325320
3110 Food manufacturing			
311111 Dog and cat food manufacturing	311111		
311119 Other animal food manufacturing	311119		
311210 Flour milling and malt manufacturing	31121		
311221 Wet corn milling	311221		
31122A Soybean and other oilseed processing	311222-3		
311225 Fats and oils refining and blending	311225		
311230 Breakfast cereal manufacturing	311230		
31131A Sugar cane mills and refining	311311-2		
311313 Beet sugar manufacturing	311313		
311320 Chocolate and confectionery manufacturing from cacao beans	31132		
311330 Confectionery manufacturing from purchased chocolate	31133		
311340 Nonchocolate confectionery manufacturing	31134		
311410 Frozen food manufacturing	31141		
311420 Fruit and vegetable canning, pickling, and drying	31142		
31151A Fluid milk and butter manufacturing	311511-2		

Appendix A. Industries in the 2002 Benchmark Input-Output Accounts—Continues

I-O industry code and title	Related 2002 NAICS codes	I-O industry code and title	Related 2002 NAICS codes
3254 Pharmaceutical and medicine manufacturing		332B Other fabricated metal product manufacturing	
325411 Medicinal and botanical manufacturing.....	325411	332500 Hardware manufacturing.....	3325
325412 Pharmaceutical preparation manufacturing.....	325412	332600 Spring and wire product manufacturing.....	3326
325413 In-vitro diagnostic substance manufacturing.....	325413	332710 Machine shops.....	33271
325414 Biological product (except diagnostic) manufacturing.....	325414	332720 Turned product and screw, nut, and bolt manufacturing.....	33272
3255 Paint, coating, and adhesive manufacturing		332800 Coating, engraving, heat treating and allied activities.....	3328
325510 Paint and coating manufacturing.....	32551	33291A Valve and fittings other than plumbing.....	33291-2, 332919
325520 Adhesive manufacturing.....	32552	332913 Plumbing fixture fitting and trim manufacturing.....	332913
3256 Soap, cleaning compound, and toiletry manufacturing		332991 Ball and roller bearing manufacturing.....	332991
325610 Soap and cleaning compound manufacturing.....	32561	332996 Fabricated pipe and pipe fitting manufacturing.....	332996
325620 Toilet preparation manufacturing.....	32562	33299C Other fabricated metal manufacturing.....	332997-9
3259 Other chemical product and preparation manufacturing		3331 Agriculture, construction, and mining machinery manufacturing	
325910 Printing ink manufacturing.....	32591	333111 Farm machinery and equipment manufacturing.....	333111
3259A0 All other chemical product and preparation manufacturing.....	32592, 32599	333112 Lawn and garden equipment manufacturing.....	333112
3260 Plastics and rubber products manufacturing		333120 Construction machinery manufacturing.....	33312
326110 Plastics packaging materials and unlaminated film and sheet manufacturing.....	32611	333130 Mining and oil and gas field machinery manufacturing.....	33313
326121 Unlaminated plastics profile shape manufacturing.....	326121	3332 Industrial machinery manufacturing	
326122 Plastics pipe and pipe fitting manufacturing.....	326122	33329A Other industrial machinery manufacturing.....	33321, 333291-4, 333298
326130 Laminated plastics plate, sheet (except packaging), and shape manufacturing.....	32613	333220 Plastics and rubber industry machinery manufacturing.....	33322
326140 Polystyrene foam product manufacturing.....	32614	333295 Semiconductor machinery manufacturing.....	333295
326150 Urethane and other foam product (except polystyrene) manufacturing.....	32615	3333 Commercial and service industry machinery manufacturing	
326160 Plastics bottle manufacturing.....	32616	33331A Vending, commercial, industrial, and office machinery manufacturing.....	333311-3
32619A Other plastics product manufacturing.....	32619	333314 Optical instrument and lens manufacturing.....	333314
326210 Tire manufacturing.....	32621	333315 Photographic and photocopying equipment manufacturing.....	333315
326220 Rubber and plastics hoses and belting manufacturing.....	32622	333319 Other commercial and service industry machinery manufacturing.....	333319
326290 Other rubber product manufacturing.....	32629	3334 HVAC and commercial refrigeration equipment manufacturing	
3270 Nonmetallic mineral product manufacturing		33341A Air purification and ventilation equipment manufacturing.....	333411-2
32711A Pottery, ceramics, and plumbing fixture manufacturing.....	32711	333414 Heating equipment (except warm air furnaces) manufacturing.....	333414
32712A Brick, tile, and other structural clay product manufacturing.....	327121-3	333415 Air conditioning, refrigeration, and warm air heating equipment manufacturing.....	333415
32712B Clay and nonclay refractory manufacturing.....	327124-5	3335 Metalworking machinery manufacturing	
327211 Flat glass manufacturing.....	327211	333511 Industrial mold manufacturing.....	333511
327212 Other pressed and blown glass and glassware manufacturing.....	327212	33351A Metal cutting and forming machine tool manufacturing.....	333512-3
327213 Glass container manufacturing.....	327213	333514 Special tool, die, jig, and fixture manufacturing.....	333514
327215 Glass product manufacturing made of purchased glass.....	327215	333515 Cutting tool and machine tool accessory manufacturing.....	333515
327310 Cement manufacturing.....	32731	33351B Rolling mill and other metalworking machinery manufacturing.....	333516, 333518
327320 Ready-mix concrete manufacturing.....	32732	3336 Engine, turbine, and power transmission equipment manufacturing	
327330 Concrete pipe, brick, and block manufacturing.....	32733	333611 Turbine and turbine generator set units manufacturing.....	333611
327390 Other concrete product manufacturing.....	32739	333612 Speed changer, industrial high-speed drive, and gear manufacturing.....	333612
3274A0 Lime and gypsum product manufacturing.....	3274	333613 Mechanical power transmission equipment manufacturing.....	333613
327910 Abrasive product manufacturing.....	32791	333618 Other engine equipment manufacturing.....	333618
327991 Cut stone and stone product manufacturing.....	327991	3339 Other general purpose machinery manufacturing	
327992 Ground or treated mineral and earth manufacturing.....	327992	333911 Pump and pumping equipment manufacturing.....	333911, 333913
327993 Mineral wool manufacturing.....	327993	333912 Air and gas compressor manufacturing.....	333912
327999 Miscellaneous nonmetallic mineral products.....	327999	333920 Material handling equipment manufacturing.....	333921-4
331A Iron and steel mills and manufacturing from purchased steel		333991 Power-driven handtool manufacturing.....	333991
331110 Iron and steel mills and ferroalloy manufacturing.....	3311	33399A Other general purpose machinery manufacturing.....	333992, 333997, 333999
331200 Steel product manufacturing from purchased steel.....	33121, 33122	333993 Packaging machinery manufacturing.....	333993
331B Nonferrous metal production and processing		333994 Industrial process furnace and oven manufacturing.....	333994
33131A Alumina refining and primary aluminum production.....	331311-2	33399B Fluid power process machinery.....	333995-6
331314 Secondary smelting and alloying of aluminum.....	331314	3341 Computer and peripheral equipment manufacturing	
33131B Aluminum product manufacturing from purchased aluminum.....	331315, 331316, 331319	334111 Electronic computer manufacturing.....	334111
331411 Primary smelting and refining of copper.....	331411	334112 Computer storage device manufacturing.....	334112
331419 Primary smelting and refining of nonferrous metal (except copper and aluminum).....	331419	33411A Computer terminals and other computer peripheral equipment manufacturing.....	334113, 334119
331420 Copper rolling, drawing, extruding and alloying.....	33142	334A Audio, video, and communications equipment manufacturing	
331490 Nonferrous metal (except copper and aluminum) rolling, drawing, extruding and alloying.....	33149	334210 Telephone apparatus manufacturing.....	33421
3315 Foundries.....		334220 Broadcast and wireless communications equipment.....	33422
331510 Ferrous metal foundries.....	33151	334290 Other communications equipment manufacturing.....	33429
331520 Nonferrous metal foundries.....	33152	334300 Audio and video equipment manufacturing.....	3343
3321 Forging and stamping.....		3344 Semiconductor and other electronic component manufacturing	
33211A All other forging, stamping, and sintering.....	332111-2, 332117	334411 Electron tube manufacturing.....	334411
332114 Custom roll forming.....	332114	334412 Bare printed circuit board manufacturing.....	334412
33211B Crown and closure manufacturing and metal stamping.....	332115-6	334413 Semiconductor and related device manufacturing.....	334413
3322 Cutlery and handtool manufacturing.....		33441A Electronic capacitor, resistor, coil, transformer, and other inductor manufacturing.....	334414-6
33221A Cutlery, utensil, pot, and pan manufacturing.....	332211, 332214	334417 Electronic connector manufacturing.....	334417
33221B Handtool manufacturing.....	332212-3	334418 Printed circuit assembly (electronic assembly) manufacturing.....	334418
3323 Architectural and structural metals manufacturing.....		334419 Other electronic component manufacturing.....	334419
332310 Plate work and fabricated structural product manufacturing.....	33231	3345 Electronic instrument manufacturing	
332320 Ornamental and architectural metal products manufacturing.....	33232	334510 Electromedical and electrotherapeutic apparatus manufacturing.....	334510
3324 Boiler, tank, and shipping container manufacturing.....		334511 Search, detection, and navigation instruments manufacturing.....	334511
332410 Power boiler and heat exchanger manufacturing.....	33241	334512 Automatic environmental control manufacturing.....	334512
332420 Metal tank (heavy gauge) manufacturing.....	33242	334513 Industrial process variable instruments manufacturing.....	334513
332430 Metal can, box, and other metal container (light gauge) manufacturing.....	33243		
332A Ordnance and accessories manufacturing.....			
33299A Ammunition manufacturing.....	332992-3		
33299B Arms, ordnance, and accessories manufacturing.....	332994-5		

Appendix A. Industries in the 2002 Benchmark Input-Output Accounts—Continues

I-O industry code and title	Related 2002 NAICS codes	I-O industry code and title	Related 2002 NAICS codes
334514 Totalizing fluid meters and counting devices manufacturing	334514	WHOLESALE TRADE	
334515 Electricity and signal testing instruments manufacturing	334515	4200 Wholesale trade	
334516 Analytical laboratory instrument manufacturing	334516	420000 Wholesale trade	42
334517 Irradiation apparatus manufacturing	334517	RETAIL TRADE	
33451A Watch, clock, and other measuring and controlling device manufacturing	334518-9	4A00 Retail trade	
3346 Manufacturing and reproducing magnetic and optical media		4A0000 Retail trade	44, 45
33461A Software, audio, and video media reproducing	334611-2	TRANSPORTATION AND WAREHOUSING, EXCLUDING POSTAL SERVICE	
334613 Magnetic and optical recording media manufacturing	334613	4810 Air transportation	
3351 Electric lighting equipment manufacturing		481000 Air transportation	481
335110 Electric lamp bulb and part manufacturing	33511	4820 Rail transportation	
335120 Lighting fixture manufacturing	33512	482000 Rail transportation	482
3352 Household appliance manufacturing		4830 Water transportation	
335210 Small electrical appliance manufacturing	33521	483000 Water transportation	483
335221 Household cooking appliance manufacturing	335221	4840 Truck transportation	
335222 Household refrigerator and home freezer manufacturing	335222	484000 Truck transportation	484
335224 Household laundry equipment manufacturing	335224	4850 Transit and ground passenger transportation	
335228 Other major household appliance manufacturing	335228	485000 Transit and ground passenger transportation	485
3353 Electrical equipment manufacturing		4860 Pipeline transportation	
335311 Power, distribution, and specialty transformer manufacturing	335311	486000 Pipeline transportation	486
335312 Motor and generator manufacturing	335312	48A0 Scenic and sightseeing transportation and support activities for transportation	
335313 Switchgear and switchboard apparatus manufacturing	335313	48A000 Scenic and sightseeing transportation and support activities for transportation	487, 488
335314 Relay and industrial control manufacturing	335314	4920 Couriers and messengers	
3359 Other electrical equipment and component manufacturing		492000 Couriers and messengers	492
335911 Storage battery manufacturing	335911	4930 Warehousing and storage	
335912 Primary battery manufacturing	335912	493000 Warehousing and storage	493
335920 Communication and energy wire and cable manufacturing	33592	INFORMATION	
335930 Wiring device manufacturing	33593	5111 Newspaper, periodical, book, and directory publishers	
335991 Carbon and graphite product manufacturing	335991	511110 Newspaper publishers	51111
335999 All other miscellaneous electrical equipment and component manufacturing	335999	511120 Periodical publishers	51112
3361 Motor vehicle manufacturing		511130 Book publishers	51113
336111 Automobile manufacturing	336111	5111A0 Directory, mailing list, and other publishers	51114, 51119
336112 Light truck and utility vehicle manufacturing	336112	5112 Software publishers	
336120 Heavy duty truck manufacturing	336120	511200 Software publishers	51121
336A Motor vehicle body, trailer, and parts manufacturing		5120 Motion picture and sound recording industries	
336211 Motor vehicle body manufacturing	336211	512100 Motion picture and video industries	5121
336212 Truck trailer manufacturing	336212	512200 Sound recording industries	5122
336213 Motor home manufacturing	336213	5151 Radio and television broadcasting	
336214 Travel trailer and camper manufacturing	336214	515100 Radio and television broadcasting	5151
336300 Motor vehicle parts manufacturing	3363	5152 Cable networks and program distribution	
3364 Aerospace product and parts manufacturing		515200 Cable and other subscription programming	5152
336411 Aircraft manufacturing	336411	5161 Internet publishing and broadcasting	
336412 Aircraft engine and engine parts manufacturing	336412	516110 Internet publishing and broadcasting	516
336413 Other aircraft parts and auxiliary equipment manufacturing	336413	5170 Telecommunications	
336414 Guided missile and space vehicle manufacturing	336414	517000 Telecommunications	517
33641A Propulsion units and parts for space vehicles and guided missiles	336415, 336419	5180 Internet service providers, web search portals, and data processing	
336B Other transportation equipment manufacturing		518100 Internet service providers and web search portals	5181
336500 Railroad rolling stock manufacturing	3365	518200 Data processing, hosting, and related services	5182
336611 Ship building and repairing	336611	5190 Other information services	
336612 Boat building	336612	519100 Other information services	519
336991 Motorcycle, bicycle, and parts manufacturing	336991	FINANCE AND INSURANCE	
336992 Military armored vehicle, tank, and tank component manufacturing	336992	52A0 Monetary authorities, credit intermediation and related activities	
336999 All other transportation equipment manufacturing	336999	52A000 Monetary authorities and depository credit intermediation	521, 5221
3370 Furniture and related product manufacturing		522A00 Nondepository credit intermediation and related activities	5222-3
337110 Wood kitchen cabinet and countertop manufacturing	33711	5230 Securities, commodity contracts, investments, and related activities	
337121 Upholstered household furniture manufacturing	337121	523000 Securities, commodity contracts, investments, and related activities	523
337122 Nonupholstered wood household furniture manufacturing	337122	5240 Insurance carriers and related activities	
33712A Metal and other household furniture manufacturing	33712A-5, 337129	524100 Insurance carriers	5241
337127 Institutional furniture manufacturing	337127	524200 Insurance agencies, brokerages, and related activities	5242
33721A Office furniture manufacturing	337211, 337214	5250 Funds, trusts, and other financial vehicles	
337212 Custom architectural woodwork and millwork manufacturing	337212	525000 Funds, trusts, and other financial vehicles	525
337215 Showcase, partition, shelving, and locker manufacturing	337215	REAL ESTATE AND RENTAL AND LEASING	
337910 Mattress manufacturing	33791	5310 Real estate	
337920 Blind and shade manufacturing	33792	531000 Real estate	531
3391 Medical equipment and supplies manufacturing		5008 Owner-occupied dwellings	
339111 Laboratory apparatus and furniture manufacturing	339111	500800 Owner-occupied dwellings	n.a.
339112 Surgical and medical instrument manufacturing	339112	5321 Automotive equipment rental and leasing	
339113 Surgical appliance and supplies manufacturing	339113	532100 Automotive equipment rental and leasing	5321
339114 Dental equipment and supplies manufacturing	339114		
339115 Ophthalmic goods manufacturing	339115		
339116 Dental laboratories	339116		
3399 Other miscellaneous manufacturing			
339910 Jewelry and silverware manufacturing	33991		
339920 Sporting and athletic goods manufacturing	33992		
339930 Doll, toy, and game manufacturing	33993		
339940 Office supplies (except paper) manufacturing	33994		
339950 Sign manufacturing	33995		
339991 Gasket, packing, and sealing device manufacturing	339991		
339992 Musical instrument manufacturing	339992		
33999A All other miscellaneous manufacturing	339993, 339995,		
339994 Broom, brush, and mop manufacturing	339999		
	339994		

Appendix A. Industries in the 2002 Benchmark Input-Output Accounts—Table Ends

I-O industry code and title	Related 2002 NAICS codes	I-O industry code and title	Related 2002 NAICS codes
532A Consumer goods and general rental centers		6230 Nursing and residential care facilities	
532A00 General and consumer goods rental except video tapes and discs	53221-2, 53229, 5323	623000 Nursing and residential care facilities	623
532230 Video tape and disc rental	53223	6240 Social assistance	
5324 Commercial and industrial machinery and equipment rental and leasing		624A00 Individual and family services	6241
532400 Commercial and industrial machinery and equipment rental and leasing	5324	624200 Community food, housing, and other relief services, including rehabilitation services	6242-3
5330 Lessors of nonfinancial intangible assets		624400 Child day care services	6244
533000 Lessors of nonfinancial intangible assets	533	ARTS, ENTERTAINMENT, AND RECREATION	
PROFESSIONAL AND TECHNICAL SERVICES		71A0 Performing arts, spectator sports, museums, zoos, and parks	
5411 Legal services		711100 Performing arts companies	7111
541100 Legal services	5411	711200 Spectator sports	7112
5412 Accounting, tax preparation, bookkeeping, and payroll services		711A00 Promoters of performing arts and sports and agents for public figures	7113-4
541200 Accounting, tax preparation, bookkeeping, and payroll services	5412	711500 Independent artists, writers, and performers	7115
5413 Architectural, engineering, and related services		712000 Museums, historical sites, zoos, and parks	712
541300 Architectural, engineering, and related services	5413	7130 Amusements, gambling, and recreation	
5414 Specialized design services		713A00 Amusement parks, arcades, and gambling industries	7131-2
541400 Specialized design services	5414	713B00 Other amusement and recreation industries	71391-3, 71399
5415 Computer systems design and related services		713940 Fitness and recreational sports centers	71394
541511 Custom computer programming services	541511	713950 Bowling centers	71395
541512 Computer systems design services	541512	ACCOMMODATION AND FOOD SERVICES	
54151A Other computer related services, including facilities management	541513, 541519	7210 Accommodation	
5416 Management, scientific, and technical consulting services		7211A0 Hotels and motels, including casino hotels	72111-2
541610 Management, scientific, and technical consulting services	54161	721A00 Other accommodations	72119, 7212-3
5416A0 Environmental and other technical consulting services	54162, 54169	7220 Food services and drinking places	
5417 Scientific research and development services		722000 Food services and drinking places	722
541700 Scientific research and development services	5417	OTHER SERVICES EXCEPT PUBLIC ADMINISTRATION	
5418 Advertising and related services		8111 Automotive repair and maintenance	
541800 Advertising and related services	5418	8111A0 Automotive repair and maintenance, except car washes	81111-2, 81119, 811198
5419 Other professional, scientific, and technical services		811192 Car washes	811192
5419A0 All other miscellaneous professional, scientific, and technical services	54191, 54193, 54199	811A Electronic, commercial, and household goods repair	
541920 Photographic services	54192	811200 Electronic and precision equipment repair and maintenance	8112
541940 Veterinary services	54194	811300 Commercial and industrial machinery and equipment repair and maintenance	8113
MANAGEMENT OF COMPANIES AND ENTERPRISES		811400 Personal and household goods repair and maintenance	8114
5500 Management of companies and enterprises		8120 Personal and laundry services	
550000 Management of companies and enterprises	55	812100 Personal care services	8121
ADMINISTRATIVE AND WASTE SERVICES		812200 Death care services	8122
561A All other administrative and support services		812300 Dry-cleaning and laundry services	8123
561100 Office administrative services	5611	812900 Other personal services	8129
561200 Facilities support services	5612	813A Religious, grantmaking, giving, and social advocacy organizations	
561400 Business support services	5614	813100 Religious organizations	8131
561600 Investigation and security services	5616	813A00 Grantmaking, giving, and social advocacy organizations	8132, 8133
561700 Services to buildings and dwellings	5617	813B Civic, social, professional and similar organizations	
561900 Other support services	5619	813B00 Civic, social, professional, and similar organizations	8134, 8139
5613 Employment services		8140 Private households	
561300 Employment services	5613	814000 Private households	814
5615 Travel arrangement and reservation services		GOVERNMENT INDUSTRIES	
561500 Travel arrangement and reservation services	5615	S001 Federal Government enterprises	
5620 Waste management and remediation services		491000 Postal service	491
562000 Waste management and remediation services	562	S00101 Federal electric utilities	n.a.
EDUCATIONAL SERVICES		S00102 Other Federal Government enterprises	n.a.
6100 Educational services		S002 State and local government enterprises	
611100 Elementary and secondary schools	6111	S00201 State and local government passenger transit	n.a.
611A00 Junior colleges, colleges, universities, and professional schools	6112-3	S00202 State and local government electric utilities	n.a.
611B00 Other educational services	6114-7	S00203 Other state and local government enterprises	n.a.
HEALTH CARE AND SOCIAL ASSISTANCE		S005 General Federal defense government services	
6210 Ambulatory health care services		S00500 General Federal defense government services	n.a.
621A00 Offices of physicians, dentists, and other health practitioners	6211-3	S006 General Federal nondefense government services	
621B00 Medical and diagnostic labs and outpatient and other ambulatory care services	6214-5, 6219	S00600 General Federal nondefense government services	n.a.
621600 Home health care services	6216	S007 General state and local government services	
6220 Hospitals		S00700 General state and local government services	n.a.
622000 Hospitals	622	SPECIAL INDUSTRIES	
		S003 Noncomparable imports	
		S00300 Noncomparable imports	n.a.
		S004 Scrap, used and secondhand goods	
		S00401 Scrap	n.a.
		S00402 Used and secondhand goods	n.a.
		S009 Rest of the world adjustment	
		S00900 Rest of the world adjustment	n.a.

n.a. Not applicable.
 Note. The titles in boldface represent the industries used for the summary version of the 2002 input-output (I-O) tables.

An asterisk following a North American Industry Classification System (NAICS) code indicates that the NAICS industry is included in more than one I-O industry.

Appendix B. Classification of Value Added and Final Uses in the 2002 Benchmark Input-Output Accounts

I-O number and title		I-O number and title	
VALUE ADDED		F050	Imports of goods and services
V001	Compensation of employees V00100 Compensation of employees		F05000 Imports of goods and services
V002	Taxes on production and imports, less subsidies V00200 Taxes on production and imports, less subsidies	F06C	Federal Government consumption expenditures, national defense F06C00 Federal Government consumption expenditures, national defense
V003	Gross operating surplus V00300 Gross operating surplus	F06I	Federal Government gross investment, national defense F06I00 Federal Government gross investment, national defense
FINAL USES		F07C	Federal Government consumption expenditures, nondefense F07C00 Federal Government consumption expenditures, nondefense
F010	Personal consumption expenditures F01000 Personal consumption expenditures	F07I	Federal Government gross investment, nondefense F07I00 Federal Government gross investment, nondefense
F020	Private fixed investment F02000 Private fixed investment	F08C	State and local government consumption expenditures, education F08C00 State and local government consumption expenditures, education
F030	Change in private inventories F03000 Change in private inventories	F08I	State and local government gross investment, education F08I00 State and local government gross investment, education
F040	Exports of goods and services F04000 Exports of goods and services	F09C	State and local consumption expenditures, other F09C00 State and local consumption expenditures, other
		F09I	State and local government gross investment, other F09I00 State and local government gross investment, other

Note. The titles in boldface represent the value added and final use components used for the summary version of the 2002 tables

**Appendix C. Input-Output Commodity Composition of NIPA Personal Consumption Expenditure Categories,
in Producers' and Purchasers' Prices, 2002 Benchmark Input-Output Accounts—Continues**

[Millions of dollars]

NIPA description and I-O descriptions	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	NIPA description and I-O descriptions	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices
New domestic autos					332B Other fabricated metal products	110	3	170	283
Total	44,217	1,397	18,670	64,285	3399 Other miscellaneous manufactured products	787	188	1,393	2,368
3361 Motor vehicles	44,198	1,397	18,658	64,253	4A00 Retail trade	11			11
336A Motor vehicle bodies, trailers, and parts	19		13	32	S004 Scrap, used and secondhand goods	308	155	386	849
New foreign autos					Non-electric cookware and tableware				
Total	21,882	692	9,227	31,801	Total	7,497	449	12,420	20,365
3361 Motor vehicles	21,882	692	9,227	31,801	3210 Wood products	423	22	700	1,145
New light trucks					3260 Plastics and rubber products	4,337	81	6,996	11,414
Total	115,617	2,253	21,792	139,663	3315 Foundry products	12	4	26	42
3361 Motor vehicles	115,617	2,253	21,792	139,663	331A Primary ferrous metal products	369	22	551	942
Net purchases of used autos					3321 Forgings and stampings	312	6	424	742
Total	33,238	271	24,526	58,035	3322 Cutlery and handtools	1,460	38	2,466	3,964
S004 Scrap, used and secondhand goods	33,238	271	24,526	58,035	3324 Boilers, tanks, and shipping containers	46	1	62	109
Net purchases of used light trucks					332B Other fabricated metal products	577	15	1,115	1,708
Total	37,494	121	16,552	54,167	S004 Scrap, used and secondhand goods	-40	259	81	299
S004 Scrap, used and secondhand goods	37,494	121	16,552	54,167	Tools, hardware, and supplies				
Tires					Total	10,112	192	4,978	15,282
Total	6,157	123	10,505	16,785	3140 Nonapparel textile products	18	1	19	37
3260 Plastics and rubber products	6,155	123	10,505	16,783	3255 Paints, coatings, and adhesives	366	14	370	749
S004 Scrap, used and secondhand goods	1			1	3256 Soaps, cleaning compounds, and toiletries	260	8	317	584
Accessories and parts					3259 Other chemical products	70	2	68	140
Total	9,794	290	13,000	23,085	3260 Plastics and rubber products	38	1	17	56
3256 Soaps, cleaning compounds, and toiletries	309	10	194	512	3270 Nonmetallic mineral products	248	23	280	551
3260 Plastics and rubber products	397	8	400	805	331A Primary ferrous metal products	12	1	4	17
3270 Nonmetallic mineral products	44	1	41	86	3322 Cutlery and handtools	1,379	25	1,336	2,740
331A Primary ferrous metal products	18	1	18	37	332B Other fabricated metal products	190	5	162	357
332B Other fabricated metal products	154	4	147	305	3332 Industrial machinery	183	5	180	368
3333 Commercial and service industry machinery			1	1	3335 Metalworking machinery	40	1	30	70
334A Audio, video, and communications equipment	4		4	8	3339 Other general purpose machinery	1,635	21	1,722	3,378
3351 Electric lighting equipment	151	2	211	363	3353 Electrical equipment	109	1	98	208
3359 Other electrical equipment and components	858	69	367	1,294	3370 Furniture and related products	217	33	186	436
336A Motor vehicle bodies, trailers, and parts	10,265	174	9,598	20,036	3399 Other miscellaneous manufactured products	197	44	184	425
3399 Other miscellaneous manufactured products	143	15	167	324	532A Consumer goods and general rentals	5,117			5,117
S004 Scrap, used and secondhand goods	-2,549	8	1,853	-688	S004 Scrap, used and secondhand goods	34	7	6	47
Furniture					Outdoor equipment and supplies				
Total	39,888	4,808	35,450	80,146	Total	1,209	31	1,371	2,611
3370 Furniture and related products	37,162	4,043	33,126	74,332	3210 Wood products	9	1	9	19
3391 Medical equipment and supplies	140	15	142	297	3260 Plastics and rubber products	86	2	66	154
532A Consumer goods and general rentals	1,725			1,725	3322 Cutlery and handtools	173	3	195	371
S004 Scrap, used and secondhand goods	861	750	2,182	3,792	332B Other fabricated metal products	111	3	123	237
Clocks, lamps, lighting fixtures, and other household decorative items					3331 Agriculture, construction, and mining machinery	700	19	899	1,617
Total	10,218	851	10,952	22,022	3345 Electronic instruments	89	1	75	166
3160 Leather and allied products	86	3	115	204	S004 Scrap, used and secondhand goods	41	3	3	47
3210 Wood products	1,535	75	1,576	3,187	Televisions				
3230 Printed products	92	1	79	172	Total	11,068	181	6,561	17,810
3270 Nonmetallic mineral products	1,432	42	1,537	3,071	334A Audio, video, and communications equipment	11,110	141	6,536	17,787
331A Primary ferrous metal products	170	10	133	313	S004 Scrap, used and secondhand goods	-42	41	25	23
3323 Architectural and structural metal products	57		37	95	Other video equipment				
3324 Boilers, tanks, and shipping containers	1		1	2	Total	11,854	150	7,505	19,509
332B Other fabricated metal products	322	9	280	611	334A Audio, video, and communications equipment	11,407	144	7,218	18,769
3345 Electronic instruments	465	7	627	1,099	3359 Other electrical equipment and components	447	6	287	740
3351 Electric lighting equipment	1,981	82	2,215	4,278	Audio equipment				
3399 Other miscellaneous manufactured products	3,157	362	3,649	7,168	Total	11,268	205	7,113	18,585
4A00 Retail trade	10			10	3344 Semiconductors and electronic components	326	4	250	581
S004 Scrap, used and secondhand goods	908	259	644	1,811	334A Audio, video, and communications equipment	9,614	117	5,963	15,893
Carpets and other floor coverings					3359 Other electrical equipment and components	1,337	17	858	2,212
Total	7,844	599	8,429	16,872	S004 Scrap, used and secondhand goods	-10	68	42	100
3140 Nonapparel textile products	7,387	453	7,813	15,653	Prerecorded and blank audio discs, tapes, digital files, and downloads				
3260 Plastics and rubber products	218	5	284	507	Total	10,198	123	9,799	20,120
S004 Scrap, used and secondhand goods	239	141	332	712	3346 Magnetic media products	3		2	5
Window coverings					5120 Motion pictures and sound recordings	10,195	123	9,797	20,115
Total	4,415	476	4,253	9,144	Video cassettes and discs, blank and prerecorded				
3140 Nonapparel textile products	2,149	90	1,919	4,159	Total	14,284		3,382	17,666
3370 Furniture and related products	2,271	349	2,303	4,924	3346 Magnetic media products	545		137	682
S004 Scrap, used and secondhand goods	-6	36	31	61	5120 Motion pictures and sound recordings	12,926		3,245	16,171
Major household appliances					S004 Scrap, used and secondhand goods	813			813
Total	18,978	591	12,569	32,140	Photographic equipment				
3260 Plastics and rubber products	63	1	30	94	Total	1,583	45	2,005	3,633
331B Primary nonferrous metal products	24	*	15	40	3160 Leather and allied products	22	1	18	40
3332 Industrial machinery	310	2	210	522	3333 Commercial and service industry machinery	1,559	40	1,985	3,584
3334 HVAC and commercial refrigeration equipment	2,271	58	2,086	4,415	S004 Scrap, used and secondhand goods	2	4	3	8
3351 Electric lighting equipment	17	*	10	26	Personal computers and peripheral equipment				
3352 Household appliances	16,308	473	10,178	26,959	Total	18,549	217	12,444	31,210
3359 Other electrical equipment and components	8		5	13	3341 Computer and peripheral equipment	18,196	154	12,210	30,560
S004 Scrap, used and secondhand goods	-23	57	35	69	3344 Semiconductors and electronic components	402	5	210	618
Small electric household appliances					S004 Scrap, used and secondhand goods	-50	58	25	33
Total	1,838	63	1,256	3,159	Computer software and accessories				
3339 Other general purpose machinery	31	*	36	68	Total	8,217	20	3,061	11,298
3352 Household appliances	1,850	32	1,194	3,076	5112 Software publishers	8,217	20	3,061	11,298
S004 Scrap, used and secondhand goods	-43	32	27	15	Calculators, typewriters, and other information processing equipment				
Dishes and flatware					Total	368	7	1,134	1,510
Total	8,226	512	10,785	19,522	3333 Commercial and service industry machinery	368	7	1,134	1,510
3260 Plastics and rubber products	2,454	46	3,119	5,619					
3270 Nonmetallic mineral products	4,175	110	5,121	9,405					
3322 Cutlery and handtools	381	10	596	987					

Appendix C. Input-Output Commodity Composition of NIPA Personal Consumption Expenditure Categories, in Producers' and Purchasers' Prices, 2002 Benchmark Input-Output Accounts—Continues

(Millions of dollars)

NIPA description and I-O descriptions	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	NIPA description and I-O descriptions	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices
Sporting equipment, supplies, guns, and ammunition					Bakery products				
Total	19,442	1,522	22,346	43,310	Total	38,838	653	23,035	62,525
3140 Nonapparel textile products	838	35	977	1,850	3110 Food products	38,838	653	23,035	62,525
3160 Leather and allied products	108	4	118	230	Beef and veal				
3259 Other chemical products	674	25	558	1,256	Total	16,849	589	9,022	26,460
331A Primary ferrous metal products	11	1	9	21	3110 Food products	16,849	589	9,022	26,460
3322 Cutlery and handtools	291	8	341	640	Pork				
332A Ordnance and accessories	2,320	64	2,447	4,831	Total	12,294	306	5,869	18,469
336B Other transportation equipment	3,368	37	2,150	5,554	3110 Food products	12,294	306	5,869	18,469
3391 Medical equipment and supplies	344	42	249	635	Other meats				
3399 Other miscellaneous manufactured products	11,494	1,258	15,451	28,203	Total	11,829	265	4,170	16,265
811A Electronic, commercial, and household goods repair	45			45	1140 Fish and other nonfarm animals	145	1		146
S004 Scrap, used and secondhand goods	-50	49	46	45	3110 Food products	11,684	265	4,170	16,119
Motorcycles					Poultry				
Total	4,434	1,065	4,269	9,768	Total	22,271	249	10,051	32,571
3260 Plastics and rubber products	198	4	333	535	3110 Food products	22,271	249	10,051	32,571
336B Other transportation equipment	4,433	48	3,451	7,932	Fish and seafood				
S004 Scrap, used and secondhand goods	-196	1,012	485	1,301	Total	5,600	156	3,309	9,065
Bicycles and accessories					1120 Animal products	76	2	29	107
Total	1,556	17	1,214	2,787	1140 Fish and other nonfarm animals	2,316	81	1,258	3,655
336B Other transportation equipment	1,556	17	1,214	2,787	3110 Food products	3,208	73	2,022	5,303
Pleasure boats					Fresh milk				
Total	7,612	111	3,178	10,902	Total	9,835	163	4,492	14,491
3260 Plastics and rubber products	26		20	46	3110 Food products	9,835	163	4,492	14,491
332B Other fabricated metal products	10		17	17	Processed dairy products				
3336 Turbine and power transmission equipment	224	1	148	373	Total	16,843	328	9,270	26,441
336A Motor vehicle bodies, trailers, and parts	270	3	164	437	3110 Food products	16,843	328	9,270	26,441
336B Other transportation equipment	7,105	108	2,840	10,053	Eggs				
S004 Scrap, used and secondhand goods	-24			-24	Total	3,563	175	1,691	5,429
Pleasure aircraft					1120 Animal products	2,525	152	1,069	3,746
Total	599	10	359	968	3110 Food products	1,038	22	622	1,682
3359 Other electrical equipment and components	13	1	7	21	Fats and oils				
3364 Aerospace products and parts	488	3	152	643	Total	6,313	153	3,178	9,645
S004 Scrap, used and secondhand goods	98	6	200	304	3110 Food products	6,313	153	3,178	9,645
Other recreational vehicles					Fruit (fresh)				
Total	9,134	102	3,060	12,295	Total	9,379	1,181	8,207	18,767
336A Motor vehicle bodies, trailers, and parts	9,063	99	2,961	12,123	1110 Crop products	9,379	1,181	8,207	18,767
336B Other transportation equipment	250	3	98	351	Vegetables (fresh)				
S004 Scrap, used and secondhand goods	-178			-178	Total	14,378	3,063	13,347	30,788
Musical instruments					1110 Crop products	14,378	3,063	13,347	30,788
Total	2,024	284	2,763	5,071	Processed fruits and vegetables				
3160 Leather and allied products	116	5	118	239	Total	9,913	440	5,747	16,100
3399 Other miscellaneous manufactured products	1,935	221	2,590	4,746	1110 Crop products	344	137	452	932
S004 Scrap, used and secondhand goods	-27	58	55	86	3110 Food products	9,569	304	5,295	15,168
Jewelry					Sugar and sweets				
Total	21,200	1,399	20,838	43,438	Total	20,067	453	10,833	31,353
3399 Other miscellaneous manufactured products	21,824	1,069	20,629	43,162	3110 Food products	20,067	453	10,833	31,353
S004 Scrap, used and secondhand goods	-624	330	570	276	Food, n.e.c.				
Watches					Total	51,897	1,185	29,793	82,875
Total	2,464	41	3,082	5,588	1110 Crop products	825	76	410	1,311
3345 Electronic instruments	2,464	41	3,082	5,588	2123 Nonmetallic mineral mining and quarrying	6	10	6	21
Therapeutic medical equipment					3110 Food products	50,850	1,091	29,273	81,214
Total	6,137	493	6,978	13,609	3251 Basic chemicals	95	3	44	142
3345 Electronic instruments	1,323	18	1,685	3,026	3259 Other chemical products	119	5	60	185
3351 Electric lighting equipment	2		3	5	4A00 Retail trade	2			2
3352 Household appliances	5		6	11	Coffee, tea, and other beverage materials				
3359 Other electrical equipment and components	280	3	336	620	Total	3,261	114	3,761	7,135
3391 Medical equipment and supplies	4,527	470	4,947	9,945	3110 Food products	3,783	95	3,228	7,106
S004 Scrap, used and secondhand goods	*	1	*	2	3121 Beverage products	902	19	532	1,454
Corrective eyeglasses and contact lenses					S004 Scrap, used and secondhand goods	-1,425			-1,425
Total	11,890	78	8,274	20,242	Mineral waters, soft drinks, and fruit and vegetable juices				
3391 Medical equipment and supplies	5,591	78	8,273	13,941	Total	30,910	573	22,173	53,655
6210 Ambulatory health care services	6,299			6,299	3110 Food products	3,639	137	2,043	5,819
S004 Scrap, used and secondhand goods	*		1	1	3121 Beverage products	27,270	436	20,130	47,836
Books					Spirits				
Total	20,711	1,060	14,077	35,848	Total	7,348	343	9,094	16,785
3230 Printed products	10		6	16	3110 Food products	504	11	224	739
5111 Newspapers, books, and directories	20,731	820	13,904	35,455	3121 Beverage products	6,843	333	8,870	16,046
S004 Scrap, used and secondhand goods	-30	239	167	376	Wine				
Luggage and similar personal items					Total	9,986	272	8,325	18,583
Total	5,614	290	6,691	12,596	3121 Beverage products	9,986	272	8,325	18,583
3160 Leather and allied products	4,458	175	5,307	9,940	Beer				
3210 Wood products	174	7	134	315	Total	22,202	817	21,198	44,217
3399 Other miscellaneous manufactured products	982	109	1,250	2,341	3121 Beverage products	22,202	817	21,198	44,217
Telephone and facsimile equipment					Food produced and consumed on farms				
Total	2,367	24	3,833	6,225	Total	516			516
334A Audio, video, and communications equipment	2,367	24	3,833	6,225	1110 Crop products	417			417
Cereals					3110 Food products	99			99
Total	16,703	465	10,101	27,270					
1110 Crop products	223	40	55	318					
3110 Food products	16,480	425	10,046	26,951					

**Appendix C. Input-Output Commodity Composition of NIPA Personal Consumption Expenditure Categories,
in Producers' and Purchasers' Prices, 2002 Benchmark Input-Output Accounts—Continues**

[Millions of dollars]

NIPA description and I-O descriptions	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	NIPA description and I-O descriptions	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices
Men's and boy's clothing					Flowers, seeds, and potted plants				
Total	36,230	1,242	42,059	79,532	Total	13,955	1,004	12,272	27,231
3130 Yarn, fabrics, and other textile mill products	3	*	3	6	1110 Crop products	11,914	756	10,441	23,111
3140 Nonapparel textile products	41	2	42	85	3399 Other miscellaneous manufactured products	2,043	235	1,813	4,091
3150 Apparel	36,336	999	41,832	79,166	S004 Scrap, used and secondhand goods	-2	14	17	29
3391 Medical equipment and supplies	1	*	1	2	Film and photographic supplies				
3399 Other miscellaneous manufactured products	8	1	11	21	Total	1,228	37	1,459	2,724
S004 Scrap, used and secondhand goods	-159	241	170	252	3259 Other chemical products	1,189	37	1,422	2,647
Women's and girl's clothing					3351 Electric lighting equipment	31	*	32	63
Total	51,772	2,238	75,309	129,320	3353 Electrical equipment	7	*	6	14
3130 Yarn, fabrics, and other textile mill products	9	*	13	23	Household cleaning products				
3140 Nonapparel textile products	248	10	344	602	Total	16,845	731	13,102	30,678
3150 Apparel	51,926	1,559	74,361	127,846	2123 Nonmetallic mineral mining and quarrying	35	47	27	108
3391 Medical equipment and supplies	2	*	3	6	3251 Basic chemicals	20	2	10	31
3399 Other miscellaneous manufactured products	13	1	24	38	3253 Agricultural chemicals	3,026	103	2,325	5,454
S004 Scrap, used and secondhand goods	-427	667	565	805	3256 Soaps, cleaning compounds, and toiletries	12,946	440	10,005	23,391
Children's and infant's clothing					3259 Other chemical products	120	4	53	178
Total	5,217	504	6,471	12,193	332B Other fabricated metal products	45	1	32	78
3140 Nonapparel textile products	75	3	103	182	3391 Medical equipment and supplies	128	13	48	190
3150 Apparel	2,626	104	3,554	6,284	3399 Other miscellaneous manufactured products	525	121	601	1,247
3222 Converted paper products	2,574	100	2,612	5,287	Household paper products				
S004 Scrap, used and secondhand goods	-58	296	202	440	Total	16,294	744	9,790	26,827
Clothing materials					3130 Yarn, fabrics, and other textile mill products	5	*	2	7
Total	1,666	111	2,372	4,149	3140 Nonapparel textile products	131	6	76	213
3130 Yarn, fabrics, and other textile mill products	1,345	71	1,861	3,278	3210 Wood products	468	25	292	785
3140 Nonapparel textile products	108	4	167	280	3221 Pulp, paper, and paperboard	10,314	470	6,936	17,719
3399 Other miscellaneous manufactured products	82	9	114	205	3222 Converted paper products	2,437	183	1,190	3,810
5111 Newspapers, books, and directories	122	5	155	282	3230 Printed products	102	3	40	144
S004 Scrap, used and secondhand goods	9	21	74	104	3260 Plastics and rubber products	2,364	45	932	3,341
Standard clothing issued to military personnel					332B Other fabricated metal products	472	13	323	809
Total	269	9	80	358	Household linens				
3140 Nonapparel textile products	8	*	2	10	Total	12,479	389	11,941	24,809
3150 Apparel	214	8	67	289	3130 Yarn, fabrics, and other textile mill products	26	1	21	48
3160 Leather and allied products	47	1	11	59	3140 Nonapparel textile products	10,145	238	9,638	20,022
3399 Other miscellaneous manufactured products	*	*	*	*	3150 Apparel	301	13	505	820
Shoes and other footwear					3230 Printed products	1,108	34	864	2,006
Total	17,101	529	24,296	41,926	3399 Other miscellaneous manufactured products	898	103	913	1,914
3160 Leather and allied products	17,146	433	24,233	41,813	Sewing items				
S004 Scrap, used and secondhand goods	-45	96	63	113	Total	564	35	642	1,240
Gasoline and other motor fuel					3130 Yarn, fabrics, and other textile mill products	564	32	639	1,235
Total	57,255	4,029	97,772	159,056	S004 Scrap, used and secondhand goods	*	2	3	5
3240 Petroleum and coal products	57,255	4,029	97,772	159,056	Miscellaneous household products				
Lubricants and fluids					Total	3,195	129	3,462	6,786
Total	2,017	134	1,344	3,494	3230 Printed products	5	*	4	9
3240 Petroleum and coal products	2,015	134	1,342	3,492	3259 Other chemical products	87	3	71	161
3256 Soaps, cleaning compounds, and toiletries	2	*	1	3	331A Primary ferrous metal products	17	1	16	33
Fuel oil					3351 Electric lighting equipment	942	12	1,209	2,163
Total	7,858	262	4,335	12,454	3353 Electrical equipment	52	1	51	104
3240 Petroleum and coal products	7,858	262	4,335	12,454	3359 Other electrical equipment and components	1,247	15	1,193	2,455
Other fuels					3399 Other miscellaneous manufactured products	845	97	918	1,860
Total	845	204	626	1,675	Hair, dental, shaving, and miscellaneous personal care products, excluding electrical products				
2121 Coal mining	14	8	13	35	Total	23,537	1,184	16,433	41,155
3210 Wood products	143	8	88	239	3140 Nonapparel textile products	124	5	89	218
3240 Petroleum and coal products	222	163	225	610	3150 Apparel	14	1	18	33
3251 Basic chemicals	466	251	300	791	3221 Pulp, paper, and paperboard	32	1	523	556
Pharmaceutical products					3222 Converted paper products	1,971	77	2,001	4,048
Total	106,854	1,973	89,186	198,013	3256 Soaps, cleaning compounds, and toiletries	15,640	502	10,400	26,542
3240 Petroleum and coal products	61	3	76	140	3260 Plastics and rubber products	366	7	435	808
3251 Basic chemicals	128	7	180	315	3322 Cutlery and handtools	839	23	799	1,661
3254 Pharmaceuticals and medicines	106,665	1,962	88,930	197,557	3333 Commercial and service industry machinery	*	*	*	*
Other medical products					3339 Other general purpose machinery	101	3	105	209
Total	955	91	1,160	2,206	3359 Other electrical equipment and components	386	31	212	629
3260 Plastics and rubber products	134	3	139	276	3391 Medical equipment and supplies	3	*	2	6
3391 Medical equipment and supplies	821	89	1,021	1,931	3399 Other miscellaneous manufactured products	4,061	534	1,849	6,445
Games, toys, and hobbies					Cosmetics, perfumes, bath, nail preparations, and implements				
Total	17,947	2,273	21,962	42,183	Total	16,247	522	11,304	28,072
3222 Converted paper products	219	10	130	358	3256 Soaps, cleaning compounds, and toiletries	16,117	518	11,181	27,816
3230 Printed products	136	1	105	243	3322 Cutlery and handtools	130	3	123	256
3260 Plastics and rubber products	65	1	63	129	Electric appliances for personal care				
3399 Other miscellaneous manufactured products	17,192	1,852	20,697	39,741	Total	2,104	34	1,202	3,340
811A Electronic, commercial, and household goods repair	20	*	*	20	3322 Cutlery and handtools	3	*	2	6
S004 Scrap, used and secondhand goods	315	409	967	1,690	3352 Household appliances	2,101	34	1,200	3,335
Pets and related products					Tobacco				
Total	16,577	504	12,003	29,084	Total	43,297	516	26,142	69,955
1110 Crop products	267	33	171	472	3122 Tobacco products	43,297	516	26,142	69,955
1120 Animal products	2,562	58	926	3,545	Newspapers and periodicals				
2123 Nonmetallic mineral mining and quarrying	63	71	57	191	Total	28,468	889	5,102	34,459
3110 Food products	10,859	255	8,759	19,873	3230 Printed products	129	1	25	156
3140 Nonapparel textile products	72	2	48	122	5111 Newspapers, books, and directories	28,250	866	4,998	34,114
3160 Leather and allied products	346	13	297	656	5120 Motion pictures and sound recordings	96	15	77	188
3254 Pharmaceuticals and medicines	1,018	19	821	1,857	S004 Scrap, used and secondhand goods	-7	7	1	1
3259 Other chemical products	18	1	10	29					
3260 Plastics and rubber products	1,100	20	718	1,838					
3399 Other miscellaneous manufactured products	273	31	196	500					

Appendix C. Input-Output Commodity Composition of NIPA Personal Consumption Expenditure Categories, in Producers' and Purchasers' Prices, 2002 Benchmark Input-Output Accounts—Continues

[Millions of dollars]

NIPA description and I-O descriptions	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	NIPA description and I-O descriptions	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices
Stationery and miscellaneous printed materials					Nonprofit hospital services—HH				
Total.....	8,910	502	10,839	20,252	Total.....	312,921			312,921
3222 Converted paper products.....	798	28	1,726	2,552	6220 Hospital care.....	312,921			312,921
3230 Printed products.....	564	22	984	1,570	Proprietary hospital services				
3255 Paints, coatings, and adhesives.....	689	26	1,212	1,926	Total.....	55,921			55,921
3260 Plastics and rubber products.....	2		5	7	6220 Hospital care.....	55,921			55,921
3399 Other miscellaneous manufactured products.....	1,867	207	3,836	5,910	Government hospital services				
5111 Newspapers, books, and directories.....	4,993	217	3,075	8,285	Total.....	99,962			99,962
S004 Scrap, used and secondhand goods.....	-2	2	2	2	6220 Hospital care.....	99,962			99,962
Government expenditures abroad					Non-profit nursing home services—HH				
Total.....	5,333			5,333	Total.....	35,437			35,437
S003 Noncomparable imports.....	5,333			5,333	6230 Nursing and residential care.....	35,437			35,437
Other private services					Proprietary and government nursing home services				
Total.....	219			219	Total.....	62,992			62,992
S003 Noncomparable imports.....	219			219	6230 Nursing and residential care.....	62,992			62,992
Less: Personal remittances in kind to nonresidents					Motor vehicle maintenance and repair				
Total.....	-1,518			-1,518	Total.....	137,058			137,058
S009 Rest of the world adjustment.....	-1,518			-1,518	48A0 Scenic and sightseeing transportation and support activities.....	981			981
Rental of tenant occupied mobile homes					6100 Educational services.....	47			47
Total.....	7,126			7,126	8111 Automotive repair and maintenance.....	136,031			136,031
5310 Real estate.....	7,126			7,126	Motor vehicle rental				
Rental of tenant occupied stationary homes					Total.....	8,356			8,356
Total.....	233,051			233,051	5321 Automotive equipment rental and leasing.....	8,356			8,356
5310 Real estate.....	233,051			233,051	Auto leasing				
Rental of tenant landlord durables					Total.....	19,453			19,453
Total.....	6,173			6,173	5321 Automotive equipment rental and leasing.....	19,453			19,453
5310 Real estate.....	6,173			6,173	Truck leasing				
Imputed rental of owner occupied mobile homes					Total.....	14,289			14,289
Total.....	34,574			34,574	5321 Automotive equipment rental and leasing.....	14,289			14,289
S008 Owner-occupied dwellings.....	34,574			34,574	Parking fees and tolls				
Imputed rental of owner occupied stationary homes					Total.....	12,304			12,304
Total.....	915,432			915,432	8120 Personal and laundry services.....	6,554			6,554
S008 Owner-occupied dwellings.....	915,432			915,432	S002 State and local government enterprises.....	5,750			5,750
Rental value of farm dwellings					Railway transportation				
Total.....	14,494			14,494	Total.....	726			726
5310 Real estate.....	5,054			5,054	4820 Rail transportation.....	726			726
S008 Owner-occupied dwellings.....	9,440			9,440	Intercity buses				
Group housing					Total.....	1,412			1,412
Total.....	927			927	4850 Transit and ground passenger transportation.....	1,412			1,412
7210 Accommodation.....	927			927	Taxicab				
Water supply and sewage maintenance					Total.....	3,454			3,454
Total.....	43,530			43,530	4850 Transit and ground passenger transportation.....	3,454			3,454
2213 Water, sewage and other systems.....	25,669			25,669	Intracity mass transit				
S002 State and local government enterprises.....	17,861			17,861	Total.....	11,293			11,293
Garbage and trash collection					4850 Transit and ground passenger transportation.....	11,293			11,293
Total.....	11,010			11,010	Other road transportation services				
5620 Waste management and remediation services.....	11,010			11,010	Total.....	7,356			7,356
Electricity					4850 Transit and ground passenger transportation.....	4,799			4,799
Total.....	107,106			107,106	48A0 Scenic and sightseeing transportation and support activities.....	1,128			1,128
2211 Electric power generation, transmission, and distribution.....	107,106			107,106	5615 Travel arrangement and reservation services.....	1,429			1,429
Natural gas					Air transportation				
Total.....	38,533			38,533	Total.....	39,515			39,515
2212 Natural gas distribution.....	38,490			38,490	4810 Air transportation.....	39,515			39,515
2213 Water, sewage and other systems.....	43			43	Water transportation				
Physician services—HH					Total.....	2,236			2,236
Total.....	269,099			269,099	4830 Water transportation.....	910			910
6210 Ambulatory health care services.....	269,099			269,099	48A0 Scenic and sightseeing transportation and support activities.....	1,326			1,326
Dental services					Membership clubs and participant sport centers—HH				
Total.....	75,936			75,936	Total.....	28,724			28,724
6210 Ambulatory health care services.....	75,936			75,936	5324 Machinery and equipment rental and leasing.....	26			26
Home health care—HH					6100 Educational services.....	41			41
Total.....	47,296			47,296	7130 Amusements, gambling, and recreation.....	28,657			28,657
6210 Ambulatory health care services.....	47,296			47,296	Motion picture theaters				
Medical laboratories					Total.....	9,576			9,576
Total.....	20,959			20,959	4810 Air transportation.....	16			16
6210 Ambulatory health care services.....	20,959			20,959	5120 Motion pictures and sound recordings.....	9,374			9,374
Specialty outpatient care facilities and health and allied services—HH					6100 Educational services.....	186			186
Total.....	63,879			63,879	Live entertainment, excluding sports—HH				
6210 Ambulatory health care services.....	63,879			63,879	Total.....	12,075			12,075
All other professional medical services—HH					5615 Travel arrangement and reservation services.....	992			992
Total.....	38,068			38,068	71A0 Performing arts, spectator sports, and museums.....	11,084			11,084
532A Consumer goods and general rentals.....	2,918			2,918					
6210 Ambulatory health care services.....	35,151			35,151					

**Appendix C. Input-Output Commodity Composition of NIPA Personal Consumption Expenditure Categories,
in Producers' and Purchasers' Prices, 2002 Benchmark Input-Output Accounts—Continues**

[Millions of dollars]

NIPA description and I-O descriptions	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	NIPA description and I-O descriptions	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices
Spectator sports					Meals at drinking places				
Total	13,472			13,472	Total	2,307			2,307
5615 Travel arrangement and reservation services	595			595	7220 Food services and drinking places	2,307			2,307
6100 Educational services	4,225			4,225	Alcohol in purchased meals				
71A0 Performing arts, spectator sports, and museums	8,652			8,652	Total	49,677			49,677
Museums and libraries—HH					4810 Air transportation	123			123
Total	4,729			4,729	4820 Rail transportation	8			8
5190 Other information services	3,073			3,073	71A0 Performing arts, spectator sports, and museums	408			408
71A0 Performing arts, spectator sports, and museums	1,656			1,656	7220 Food services and drinking places	49,139			49,139
Amusement parks, campgrounds, and related recreational services—HH					Food furnished to employees (including military)				
Total	30,287	14	644	30,945	Total	8,084	237	1,186	9,507
1140 Fish and other nonfarm animals	2,276	14	644	2,934	1110 Crop products	305	55	108	467
5324 Machinery and equipment rental and leasing	51			51	1120 Animal products	158	9	4	172
532A Consumer goods and general rentals	1,177			1,177	1140 Fish and other nonfarm animals	29	1	3	34
6100 Educational services	4,429			4,429	3110 Food products	7,436	170	1,030	8,636
7130 Amusements, gambling, and recreation	16,464			16,464	3121 Beverage products	155	2	41	198
71A0 Performing arts, spectator sports, and museums	1,321			1,321	Hotels and motels				
7210 Accommodation	4,542			4,542	Total	42,592			42,592
811A Electronic, commercial, and household goods repair	27			27	7210 Accommodation	42,592			42,592
Cable and satellite television and radio services					Housing at schools				
Total	45,812			45,812	Total	11,196			11,196
5170 Telecommunications	45,812			45,812	7210 Accommodation	11,196			11,196
Video media rental					Financial services indirectly measured, commercial banks				
Total	7,996			7,996	Total	69,419			69,419
532A Consumer goods and general rentals	7,996			7,996	52A0 Monetary authorities, credit intermediation and related activities	69,419			69,419
Photo processing					Financial services indirectly measured, other financial institutions				
Total	6,137			6,137	Total	96,734			96,734
8120 Personal and laundry services	6,137			6,137	5250 Funds, trusts, and other financial vehicles	52,582			52,582
Photo studios					52A0 Monetary authorities, credit intermediation and related activities	44,152			44,152
Total	6,630			6,630	Financial service charges and fees				
5419 Other professional and technical services	6,630			6,630	Total	67,491			67,491
Repair of audio-visual, photographic, and information processing equipment					5170 Telecommunications	1,764			1,764
Total	7,224			7,224	52A0 Monetary authorities, credit intermediation and related activities	65,533			65,533
532A Consumer goods and general rentals	4,125			4,125	S001 Federal Government enterprises	194			194
811A Electronic, commercial, and household goods repair	3,098			3,098	Direct commissions, exchange-listed equities				
Gambling					Total	15,692			15,692
Total	74,171			74,171	5230 Securities, commodity contracts, investments, and related activities	15,692			15,692
7130 Amusements, gambling, and recreation	54,509			54,509	Direct commissions, other equity securities				
71A0 Performing arts, spectator sports, and museums	3,413			3,413	Total	13,861			13,861
S002 State and local government enterprises	16,249			16,249	5230 Securities, commodity contracts, investments, and related activities	13,861			13,861
Veterinary and other services for pets					Indirect commissions, over-the-counter equity securities				
Total	16,512			16,512	Total	1,064			1,064
1150 Support activities for agriculture and forestry	416			416	5230 Securities, commodity contracts, investments, and related activities	1,064			1,064
5419 Other professional and technical services	12,267			12,267	Indirect commissions, other equity securities				
8120 Personal and laundry services	3,829			3,829	Total	3,270			3,270
Package tours					5230 Securities, commodity contracts, investments, and related activities	3,270			3,270
Total	5,961			5,961	Mutual fund sales charges				
5615 Travel arrangement and reservation services	5,961			5,961	Total	8,364			8,364
Maintenance and repair of recreational vehicles and sports equipment					5230 Securities, commodity contracts, investments, and related activities	8,364			8,364
Total	4,893		13	4,906	Portfolio management and investment advice services				
3345 Electronic instruments	27		13	40	Total	51,217			51,217
811A Electronic, commercial, and household goods repair	4,866			4,866	5230 Securities, commodity contracts, investments, and related activities	51,217			51,217
Elementary and secondary school lunches					Trust, fiduciary, and custody activities				
Total	6,216			6,216	Total	7,353			7,353
7220 Food services and drinking places	6,216			6,216	5230 Securities, commodity contracts, investments, and related activities	7,353			7,353
Higher education school lunch					Pension services				
Total	10,948			10,948	Total	27,662			27,662
7220 Food services and drinking places	10,948			10,948	5250 Funds, trusts, and other financial vehicles	27,662			27,662
Meals at limited service eating places					Life insurance services				
Total	155,625			155,625	Total	58,796			58,796
7220 Food services and drinking places	155,625			155,625	5240 Insurance carriers and related services	58,796			58,796
Meals at restaurants					Net household insurance				
Total	113,248			113,248	Total	4,215			4,215
7220 Food services and drinking places	113,248			113,248	5240 Insurance carriers and related services	4,215			4,215
Meals at hotels					Net medical care and hospitalization insurance				
Total	13,269			13,269	Total	80,176			80,176
7220 Food services and drinking places	13,269			13,269	5240 Insurance carriers and related services	80,176			80,176
Meals at other retailers									
Total	24,206			24,206					
4820 Rail transportation	58			58					
5120 Motion pictures and sound recordings	3,148			3,148					
71A0 Performing arts, spectator sports, and museums	845			845					
7220 Food services and drinking places	20,154			20,154					

Appendix C. Input-Output Commodity Composition of NIPA Personal Consumption Expenditure Categories, in Producers' and Purchasers' Prices, 2002 Benchmark Input-Output Accounts—Continues
(Millions of dollars)

NIPA description and I-O descriptions	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	NIPA description and I-O descriptions	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices
Net income loss insurance					Hairdressing salons and personal grooming establishments				
Total.....	1,999			1,999	Total.....	33,515			33,515
5240 Insurance carriers and related services.....	1,999			1,999	6100 Educational services.....	159			159
Net workers' compensation insurance					7210 Accommodation.....	1,594			1,594
Total.....	14,453			14,453	8120 Personal and laundry services.....	31,762			31,762
5240 Insurance carriers and related services.....	14,453			14,453	Miscellaneous personal care services				
Net motor vehicle and other transportation insurance					Total.....	39,119			39,119
Total.....	45,960			45,960	811A Electronic, commercial, and household goods repair.....	2,226			2,226
5240 Insurance carriers and related services.....	117			117	8120 Personal and laundry services.....	36,892			36,892
5240 Insurance carriers and related services.....	45,843			45,843	Laundry and drycleaning services				
Land line, telephone services, local charges					Total.....	13,332			13,332
Total.....	61,102			61,102	7210 Accommodation.....	285			285
5170 Telecommunications.....	59,695			59,695	8120 Personal and laundry services.....	13,047			13,047
532A Consumer goods and general rentals.....	284			284	Clothing repair, rental and alterations				
561A All other administrative and support services.....	666			666	Total.....	2,691			2,691
7210 Accommodation.....	458			458	532A Consumer goods and general rentals.....	939			939
Land line, telephone services, long-distance charges					811A Electronic, commercial, and household goods repair.....	1,752			1,752
Total.....	29,815			29,815	Repair and hire of footwear				
5170 Telecommunications.....	29,815			29,815	Total.....	435			435
Cellular telephone services					811A Electronic, commercial, and household goods repair.....	435			435
Total.....	48,902			48,902	Child care—HH				
5170 Telecommunications.....	48,902			48,902	Total.....	22,688			22,688
First class postal services (by USPS)					6240 Social assistance.....	22,688			22,688
Total.....	7,721	3	8	7,733	Social assistance—HH				
S001 Federal Government enterprises.....	7,720			7,720	Total.....	62,190			62,190
S004 Scrap, used and secondhand goods.....	1	3	8	13	6230 Nursing and residential care.....	26,911			26,911
Other delivery services (by non-U.S. postal facilities)					6240 Social assistance.....	35,279			35,279
Total.....	1,731			1,731	Social advocacy and civic and social organizations—HH				
4920 Courier and messenger services.....	1,345			1,345	Total.....	7,774			7,774
561A All other administrative and support services.....	386			386	813A Religious, grantmaking, and social advocacy.....	1,654			1,654
Internet access					813B Civic, social, professional and similar organizations.....	6,119			6,119
Total.....	21,929			21,929	Religious organization services—HH				
5180 Data processing services.....	21,929			21,929	Total.....	4,931			4,931
Proprietary and public higher education					813A Religious, grantmaking, and social advocacy.....	4,931			4,931
Total.....	47,062			47,062	Foundations and grantmaking and giving services—HH				
6100 Educational services.....	47,062			47,062	Total.....	466			466
Nonprofit private higher educational services—HH					813A Religious, grantmaking, and social advocacy.....	466			466
Total.....	39,924			39,924	Domestic services				
6100 Educational services.....	39,924			39,924	Total.....	18,441			18,441
Elementary and secondary schools—HH					561A All other administrative and support services.....	5,926			5,926
Total.....	19,331			19,331	8140 Private household services.....	12,515			12,515
6100 Educational services.....	19,331			19,331	Moving, storage, and freight services				
Day care and nursery schools—HH					Total.....	11,833			11,833
Total.....	7,354			7,354	4810 Air transportation.....	23			23
6240 Social assistance.....	7,354			7,354	4830 Water transportation.....	3			3
Commercial and vocational schools—HH					4840 Truck transportation.....	9,225			9,225
Total.....	26,691			26,691	4930 Warehousing and storage.....	291			291
6100 Educational services.....	26,691			26,691	5310 Real estate.....	2,291			2,291
Legal services—HH					Repair of furniture, furnishings, and floor coverings				
Total.....	75,897			75,897	Total.....	2,139			2,139
5411 Legal services.....	75,897			75,897	811A Electronic, commercial, and household goods repair.....	2,139			2,139
Accounting and other business services					Repair of household appliances				
Total.....	20,673		1	20,674	Total.....	3,482			3,482
3230 Printed products.....	38		1	39	532A Consumer goods and general rentals.....	423			423
4A00 Retail trade.....	870			870	811A Electronic, commercial, and household goods repair.....	3,059			3,059
5412 Accounting, tax preparation, bookkeeping, and payroll services.....	12,498			12,498	Other household services				
5414 Specialized design services.....	1,702			1,702	Total.....	9,677			9,677
5418 Advertising and related services.....	960			960	561A All other administrative and support services.....	8,933			8,933
5613 Employment services.....	662			662	811A Electronic, commercial, and household goods repair.....	744			744
561A All other administrative and support services.....	3,638			3,638	Passenger fares for foreign travel				
813B Civic, social, professional and similar organizations.....	306			306	Total.....	30,926			30,926
Labor organization services—HH					4810 Air transportation.....	24,196			24,196
Total.....	10,006			10,006	4830 Water transportation.....	6,730			6,730
813B Civic, social, professional and similar organizations.....	9,842			9,842	US travel outside the US				
S003 Noncomparable imports.....	164			164	Total.....	44,769			44,769
Professional association services—HH					S003 Noncomparable imports.....	44,769			44,769
Total.....	5,392			5,392	US student expenditures				
813B Civic, social, professional and similar organizations.....	5,392			5,392	Total.....	2,701			2,701
Funeral and burial services					S003 Noncomparable imports.....	2,701			2,701
Total.....	15,599	40	708	16,347					
3270 Nonmetallic mineral products.....	1,461	39	678	2,178					
332B Other fabricated metal products.....	37	1	31	69					
4810 Air transportation.....	147			147					
8120 Personal and laundry services.....	13,953			13,953					

**Appendix C. Input-Output Commodity Composition of NIPA Personal Consumption Expenditure Categories,
in Producers' and Purchasers' Prices, 2002 Benchmark Input-Output Accounts—Table Ends**

[Millions of dollars]

NIPA description and I-O descriptions	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	NIPA description and I-O descriptions	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices
Less: Expenditures in the United States by nonresidents					Residential mental health and substance abuse—NPISH				
Total.....	-87,334			-87,334	Total.....	1,462			1,462
S009 Rest of the world adjustment.....	-87,334			-87,334	6230 Nursing and residential care.....	1,462			1,462
Physician services—NPISH					Individual and family services—NPISH				
Total.....	270			270	Total.....	18,346			18,346
6210 Ambulatory health care services.....	270			270	6240 Social assistance.....	18,346			18,346
Home health care—NPISH					Vocational rehabilitation services—NPISH				
Total.....	51			51	Total.....	4,011			4,011
6210 Ambulatory health care services.....	51			51	6240 Social assistance.....	4,011			4,011
Other paramedical services—NPISH					Community food and housing, emergency, and other relief services—NPISH				
Total.....	5,898			5,898	Total.....	8,722			8,722
6210 Ambulatory health care services.....	5,898			5,898	6240 Social assistance.....	8,722			8,722
Hospital services—NPISH					Other residential care facilities—NPISH				
Total.....	1,674			1,674	Total.....	1,769			1,769
6220 Hospital care.....	1,674			1,674	6230 Nursing and residential care.....	1,769			1,769
Nursing homes—NPISH					Religious organizations—NPISH				
Total.....	2,600			2,600	Total.....	59,449			59,449
6230 Nursing and residential care.....	2,600			2,600	813A Religious, grantmaking, and social advocacy.....	59,449			59,449
Recreation—NPISH					Grantmaking and giving services—NPISH				
Total.....	14,376			14,376	Total.....	13,281			13,281
5151 Radio and television broadcasting.....	2,463			2,463	813A Religious, grantmaking, and social advocacy.....	13,281			13,281
6100 Educational services.....	166			166	Social advocacy—NPISH				
7130 Amusements, gambling, and recreation.....	2,146			2,146	Total.....	7,782			7,782
71A0 Performing arts, spectator sports, and museums.....	9,601			9,601	813A Religious, grantmaking, and social advocacy.....	7,782			7,782
Nursery schools—NPISH					Civic and social organizations—NPISH				
Total.....	1,477			1,477	Total.....	3,083			3,083
6240 Social assistance.....	1,477			1,477	813B Civic, social, professional and similar organizations.....	3,083			3,083
Elementary and secondary schools—NPISH					Labor unions and political organizations—NPISH				
Total.....	8,817			8,817	Total.....	4,319			4,319
6100 Educational services.....	8,817			8,817	813B Civic, social, professional and similar organizations.....	4,319			4,319
Private higher education—NPISH					Professional associations—NPISH				
Total.....	18,773			18,773	Total.....	2,152			2,152
6100 Educational services.....	18,773			18,773	813B Civic, social, professional and similar organizations.....	2,152			2,152
Other education and research—NPISH					All other similar organizations, excluding condominium and homeowners associations—NPISH				
Total.....	21,158			21,158	Total.....	-397			-397
5417 Scientific research and development services.....	10,588			10,588	813B Civic, social, professional and similar organizations.....	-397			-397
6100 Educational services.....	6,283			6,283	Legal services—NPISH				
813A Religious, grantmaking, and social advocacy.....	4,286			4,286	Total.....	-87			-87
Child care—NPISH					5411 Legal services.....	-87			-87
Total.....	2,945			2,945					
6240 Social assistance.....	2,945			2,945					
Home for the elderly—NPISH									
Total.....	372			372					
6230 Nursing and residential care.....	372			372					

* Less than +/- \$500,000

Note. Detail may not add to total due to rounding.

HH Households. Equals household consumption expenditures.

NPISH Non-profit institutions serving households. Equals final consumption expenditures of nonprofit institutions serving households.

Appendix D. Input-Output Commodity Composition of NIPA Private Equipment and Software Expenditure Categories, in Producers' and Purchasers' Prices, 2002 Benchmark Input-Output Accounts—Continues

(Millions of dollars)

NIPA description and I-O descriptions	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	NIPA description and I-O descriptions	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices
Computers and peripheral equipment					General industrial, including materials handling, equipment				
Total.....	61,904	2,364	15,456	79,724	Total.....	35,528	866	9,107	45,501
3341 Computer and peripheral equipment.....	52,601	458	15,164	68,223	3331 Agriculture, construction, and mining machinery.....	51	2	9	62
5415 Computer systems design and related services.....	9,299			9,299	3334 HVAC and commercial refrigeration equipment.....	2,237	61	361	2,659
S004 Scrap, used and secondhand goods.....	4	1,906	292	2,203	3339 Other general purpose machinery.....	30,376	722	6,870	37,968
Software					3345 Electronic instruments.....	155	2	21	179
Total.....	176,313	126	4,607	181,046	5413 Architectural, engineering, and related services.....	2,833			2,833
5112 Software publishers.....	52,132	126	4,607	56,865	S004 Scrap, used and secondhand goods.....	-124	79	1,845	1,800
5415 Computer systems design and related services.....	121,423			121,423	Electrical transmission, distribution, and industrial apparatus				
S003 Noncomparable imports.....	2,758			2,758	Total.....	17,417	323	2,536	20,277
Communication equipment					3345 Electronic instruments.....	3,866	53	134	4,053
Total.....	74,151	684	8,900	83,735	3353 Electrical equipment.....	9,340	230	1,981	11,552
3341 Computer and peripheral equipment.....	34	*	15	50	3359 Other electrical equipment and components.....	2,892	40	421	3,353
3345 Electronic instruments.....	10,551	147	1,268	11,965	5413 Architectural, engineering, and related services.....	1,319			1,319
334A Audio, video, and communications equipment.....	50,532	535	7,578	58,644	Light trucks (including utility vehicles)				
3359 Other electrical equipment and components.....	169	2	40	210	Total.....	24,070	1,247	8,335	33,652
336A Aerospace products and parts.....	81			81	3361 Motor vehicles.....	63,080	1,229	4,865	69,174
5170 Telecommunications.....	7,110			7,110	S004 Scrap, used and secondhand goods.....	-39,011	18	3,470	-35,523
5413 Architectural, engineering, and related services.....	5,607			5,607	Other trucks, buses, and truck trailers				
S004 Scrap, used and secondhand goods.....	67			67	Total.....	17,811	321	3,241	21,373
Medical equipment and instruments					3361 Motor vehicles.....	12,407	239	2,316	14,962
Total.....	35,866	2,086	5,833	43,785	336A Motor vehicle bodies, trailers, and parts.....	5,484	67	814	6,366
3345 Electronic instruments.....	15,087	210	2,944	18,242	S004 Scrap, used and secondhand goods.....	-80	14	110	44
3391 Medical equipment and supplies.....	17,922	1,876	2,889	22,687	Autos				
5413 Architectural, engineering, and related services.....	2,858			2,858	Total.....	26,007	2,031	13,134	41,172
S004 Scrap, used and secondhand goods.....	-2			-2	3361 Motor vehicles.....	62,959	1,990	12,092	77,042
Nonmedical instruments and related equipment					S004 Scrap, used and secondhand goods.....	-36,953	41	1,042	-35,869
Total.....	17,600	477	1,669	19,747	Aircraft				
3345 Electronic instruments.....	13,533	189	1,246	14,969	Total.....	25,429	268	1,542	27,239
3391 Medical equipment and supplies.....	2,712	287	423	3,422	3345 Electronic instruments.....	539	7	65	611
5413 Architectural, engineering, and related services.....	1,278			1,278	336A Aerospace products and parts.....	26,318	152	164	26,834
S004 Scrap, used and secondhand goods.....	77			77	336A Motor vehicle bodies, trailers, and parts.....	402	6	7	415
Photocopy and related equipment					S004 Scrap, used and secondhand goods.....	-1,830	103	1,306	-421
Total.....	3,111	42	1,423	4,576	Ships and boats				
3333 Commercial and service industry machinery.....	2,637	42	1,423	4,102	Total.....	3,462	55	310	3,826
5413 Architectural, engineering, and related services.....	370			370	336B Other transportation equipment.....	3,421	54	292	3,768
S004 Scrap, used and secondhand goods.....	104			104	S004 Scrap, used and secondhand goods.....	41	1	17	59
Office and accounting equipment					Railroad equipment				
Total.....	3,552	49	1,567	5,168	Total.....	4,506	121	160	4,787
3333 Commercial and service industry machinery.....	2,089	40	1,219	3,348	336B Other transportation equipment.....	4,168	121	99	4,387
3341 Computer and peripheral equipment.....	1,048	9	347	1,405	5413 Architectural, engineering, and related services.....	312			312
3399 Other miscellaneous manufactured products.....	1	*	1	2	S004 Scrap, used and secondhand goods.....	27		61	88
5413 Architectural, engineering, and related services.....	322			322	Furniture and fixtures				
S004 Scrap, used and secondhand goods.....	92			92	Total.....	26,008	2,942	7,082	36,032
Fabricated metal products					3370 Furniture and related products.....	23,791	2,742	7,000	33,534
Total.....	9,958	118	622	10,700	3399 Other miscellaneous manufactured products.....	12	1	1	15
2122 Metal ores mining.....	46	12	1	59	5413 Architectural, engineering, and related services.....	2,361			2,361
3251 Basic chemicals.....	2,510			2,510	S004 Scrap, used and secondhand goods.....	-156	198	80	122
3322 Cutlery and handtools.....	181	5	44	229	Agricultural machinery, including tractors				
3323 Architectural and structural metal products.....	417	5	70	491	Total.....	12,353	450	4,549	17,353
3324 Boilers, tanks, and shipping containers.....	3,511	49	50	3,609	3331 Agriculture, construction, and mining machinery.....	11,386	417	3,158	14,961
332B Other fabricated metal products.....	2,615	47	453	3,115	5413 Architectural, engineering, and related services.....	1,055			1,055
3334 HVAC and commercial refrigeration equipment.....	23	*	5	29	S004 Scrap, used and secondhand goods.....	-87	34	1,391	1,337
3370 Furniture and related products.....	9	1	10	10	Construction machinery, including tractors				
5413 Architectural, engineering, and related services.....	646			646	Total.....	16,225	642	2,686	19,554
Engines and turbines					3331 Agriculture, construction, and mining machinery.....	13,214	576	2,207	15,997
Total.....	11,153	121	304	11,578	3339 Other general purpose machinery.....	1,639	42	158	1,839
3336 Turbine and power transmission equipment.....	10,471	121	304	10,896	5413 Architectural, engineering, and related services.....	1,247			1,247
5413 Architectural, engineering, and related services.....	682			682	S004 Scrap, used and secondhand goods.....	126	23	321	471
Metalworking machinery					Mining and oilfield machinery				
Total.....	20,540	333	2,100	22,973	Total.....	2,815	93	1,200	4,107
3335 Metalworking machinery.....	19,188	333	2,100	21,621	2130 Mining support services.....	149			149
5413 Architectural, engineering, and related services.....	1,495			1,495	3331 Agriculture, construction, and mining machinery.....	1,993	43	495	2,531
S004 Scrap, used and secondhand goods.....	-143			-143	3339 Other general purpose machinery.....	477	13	84	574
Special industrial machinery, n.e.c.					5413 Architectural, engineering, and related services.....	225			225
Total.....	26,181	545	4,005	30,732	S004 Scrap, used and secondhand goods.....	-29	37	620	629
3260 Plastics and rubber products.....	91	2	17	109					
3322 Cutlery and handtools.....	66	1	16	83					
3332 Industrial machinery.....	23,611	499	3,470	27,581					
3333 Commercial and service industry machinery.....	469	9	177	655					
5413 Architectural, engineering, and related services.....	1,983			1,983					
S004 Scrap, used and secondhand goods.....	-38	34	326	322					

**Appendix D. Input-Output Commodity Composition of NIPA Private Equipment and Software Expenditure Categories,
in Producers' and Purchasers' Prices, 2002 Benchmark Input-Output Accounts—Table Ends**

[Millions of dollars]

NIPA description and I-O descriptions	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices	NIPA description and I-O descriptions	Producers' prices	Transportation costs	Wholesale and retail trade margins	Purchasers' prices
Service industry machinery					3210 Wood products	1			1
Total	15,059	304	4,117	19,480	3260 Plastics and rubber products	34	1	30	65
3333 Commercial and service industry machinery	7,984	170	2,751	10,905	3322 Cutlery and handtools	15	*	3	18
3334 HVAC and commercial refrigeration equipment	5,013	114	1,126	6,253	3331 Agriculture, construction, and mining machinery	6,158	177	7,593	13,927
3339 Other general purpose machinery	736	20	240	997	3333 Commercial and service industry machinery	19	*	7	26
5413 Architectural, engineering, and related services	1,269			1,269	336A Motor vehicle bodies, trailers, and parts	933	10	353	1,296
S004 Scrap, used and secondhand goods	56			56	336B Other transportation equipment	1,759	20	659	2,437
Electrical equipment, n.e.c.					3399 Other miscellaneous manufactured products	10,794	1,471	1,694	13,959
Total	4,310	85	582	4,977	5413 Architecture, engineering, and related services	2,653			2,653
3346 Magnetic media products	179	2	28	210	S004 Scrap, used and secondhand goods	71	2	72	144
3351 Electric lighting equipment	627	14	118	759	Less: sale of equipment scrap, excluding autos				
3352 Household appliances	810	16	87	913	Total	-2,802			-2,802
3359 Other electrical equipment and components	2,343	52	349	2,745	S004 Scrap, used and secondhand goods	-2,802			-2,802
5413 Architectural, engineering, and related services	335			335	Residential equipment				
S004 Scrap, used and secondhand goods	15			15	Total	5,468	242	2,322	8,032
Other nonresidential equipment					3140 Nonapparel textile products	1,043	65	741	1,849
Total	26,034	1,905	12,966	40,905	3260 Plastics and rubber products	19	*	16	35
3130 Yarn, fabrics, and other textile mill products	4		3	8	334A Audio, video, and communications equipment	203	3	94	300
3140 Nonapparel textile products	3,594	224	2,551	6,369	3352 Household appliances	3,848	136	1,372	5,357
					3370 Furniture and related products	354	38	99	491

* Less than +/- \$500,000

Note: Detail may not add to total due to rounding.

Appendix E. Relationship of Exports and Imports in the Input-Output Accounts to the National Income and Product Accounts, 2002

[Millions of Dollars]

	Total	Goods	Services
Total exports, NIPAs	1,005,921	697,565	308,356
Less: U.S. merchandise returned	32,602	32,602	
Reexports	63,258	63,258	
Other transactions	309		309
Plus: Exports identified in Census documents ¹		7,393	-7,393
Equals: Exports, I-O	909,752	609,098	300,654
Total imports, NIPAs	1,431,554	1,190,591	240,963
Less: U.S. merchandise returned	32,602	32,602	
Reexports	63,258	63,258	
Other transactions	309		309
Plus: Imports identified in Census documents ¹		671	-671
Equals: Imports, I-O	1,335,385	1,095,402	239,983

1. NIPA imports of goods include a revised estimate of NIPA gold over the estimate included in the starting point for foreign merchandise transactions in the 2002 benchmark I-O accounts—the NIPA imports of goods as

published in the August 2006 Survey of Current Business, Table 4.3B, "Relation of Foreign Transactions in the National Income and Product Accounts to the Corresponding Items in the International Transactions Accounts."

Research and Development Satellite Account Update

Estimates for 1959–2004

New Estimates for Industry, Regional, and International Accounts

By Carol A. Robbins and Carol E. Moylan

THE Bureau of Economic Analysis-National Science Foundation (BEA-NSF) research and development (R&D) satellite account provides detailed statistics designed to facilitate research into the effects of R&D on the economy. The account shows how gross domestic product (GDP) and other measures would be affected if R&D spending were “capitalized,” that is, if R&D spending were treated as investment rather than as an expense.

The most recent R&D satellite account, released in September, updates the statistics released last year and offers additional data for 2 more years (2003–2004). The R&D account also provides for the first time, R&D statistics for R&D-intensive industries, regional accounts, and international accounts. In addition, the updated R&D account reflects several improvements to estimation methods.

The R&D account was developed with support from NSF’s Division of Science Resource Statistics, which is responsible for national R&D statistics. According to the updated R&D account estimates, treating R&D spending as investment would have a significant effect on BEA’s measures of the economy:

- The contribution to real GDP growth from treating R&D as investment would have been approximately 0.2 percentage point of the 3.3-percent growth, or about a 7-percent share of the growth rate in 1995–2004 (table D).
- The level of current-dollar gross domestic product (GDP) would have been an average 2.9 percent higher between 1959 and 2004. (For background, see the box “How R&D Affects GDP and GDI” on page 62.)
- Current-dollar R&D investment would have been \$316.6 billion in 2004, an increase of 5.7 percent from the \$299.6 billion in 2003 (table A).
- Current-dollar gross private domestic investment in 2004 would have been 8.8 percent, or \$166.3 bil-

lion, higher than published gross private domestic investment. This measure removes the double-counting of R&D expenditures in software investment. The national saving rate in 2004 would rise 2.0 percentage points to 15.8 percent (table B).

- The largest contribution from R&D intensive industries to real GDP growth rates for 1995–2004 would have been from the pharmaceutical and medicine manufacturing industry (table D). This industry’s contribution would have accounted for more than a 1-percent share of the real GDP growth rate. The software publishing industry would have accounted for an additional 0.5-percent share.
- The level of GDP by state would have increased the most for New Mexico (8.2 percent) and for Maryland (6.2 percent) between 1998 and 2002 (table F).
- The level of value added of majority-owned foreign affiliates of U.S. multinational companies (MNCs) would have risen \$25.9 billion, or 3.1 percent, in 2004 (table G). The value added of majority-owned U.S. affiliates of foreign MNCs would have grown \$28.1 billion, or 5.5 percent. For U.S. parent companies, value added would have risen \$148.2 billion, or 6.7 percent.

Currently, the national economic accounts do not treat R&D and many other intangibles as investment and thus cannot separately identify their contribution to U.S. economic growth. BEA’s R&D account is part of BEA’s long-term efforts to better account for intangible assets. (See the box “The Broader World of Innovation” on page 63.)

The R&D satellite account format provides a means of exploring the impact of adjusting the treatment of R&D activity on the economy and a framework through which various methodological and conceptual issues can be worked out. The R&D account can be seen as prelude toward adjusting BEA’s core economic accounts to better account for R&D. Currently, BEA plans to incorporate R&D spending as investment into its core accounts around 2013.

This rest of this report is organized as follows. First, the enhancements made to the R&D account this year

G. Andrew Bernat contributed the section on regional R&D estimates, and Daniel R. Yorgason contributed the section on international R&D estimates.

are described. Second, the impact of the updated estimates on the national income and product accounts (NIPAs) are explained, and revisions to previous R&D estimates are discussed. Third, the new estimates for 13

R&D-intensive industries are described. Fourth, first-time estimates of the effect of R&D investment on GDP by state and on the international accounts are discussed.

Table A. GDP and the Decomposition of the Adjustments to GDP With R&D Treated as Investment—Continues

[Billions of dollars]

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
GDP (from the NIPAs)	506.6	526.4	544.7	585.6	617.7	663.6	719.1	787.8	832.6	910.0
2006 vintage R&D satellite account:										
Total adjustments to GDP from R&D investment.....	10.8	11.6	12.0	12.9	14.3	16.1	18.2	20.9	23.3	26.5
Business.....	5.8	5.8	5.3	4.8	4.8	5.0	5.2	6.0	6.7	8.2
Government.....	4.8	5.6	6.6	7.9	9.2	10.9	12.8	14.7	16.3	17.9
Nonprofit institutions serving households.....	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3
GDP with R&D treated as investment.....	517.4	538.0	556.8	598.5	632.0	679.8	737.3	808.7	855.9	936.5
Percent change in the level of GDP.....	2.1	2.2	2.2	2.2	2.3	2.4	2.5	2.7	2.8	2.9
2007 vintage R&D satellite account:										
Total adjustments to GDP from R&D investment.....	11.1	12.5	13.8	15.4	17.0	19.1	21.5	23.9	26.1	28.6
Business.....	4.2	4.6	4.9	5.2	5.6	6.1	6.7	7.5	8.4	9.3
Government.....	6.8	7.7	8.8	10.0	11.2	12.8	14.5	16.1	17.4	19.0
Nonprofit institutions serving households.....	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3
GDP with R&D treated as investment.....	517.7	538.9	558.5	601.1	634.8	682.7	740.6	811.7	858.7	938.6
Percent change in the level of GDP.....	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.0	3.1	3.1
GDP with R&D and software adjustments ¹	517.7	538.9	558.5	601.1	634.8	682.7	740.6	811.7	858.7	938.6
Percent change in the level of GDP.....	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.0	3.1	3.1
Addenda:										
R&D investment (2007 vintage) ²	13.9	15.3	16.1	17.2	19.2	20.9	22.3	24.4	25.8	27.2
	1969	1970	1971	1972	1973	1974	1975	1976	1977	
GDP (from the NIPAs)	984.6	1,038.5	1,127.1	1,238.3	1,382.7	1,500.0	1,638.3	1,825.3	2,030.9	
2006 vintage R&D satellite account:										
Total adjustments to GDP from R&D investment.....	29.3	30.5	32.0	34.0	36.6	38.9	42.2	46.7	50.9	
Business.....	10.0	10.4	10.6	11.7	13.2	14.7	15.6	17.6	19.5	
Government.....	18.9	19.8	21.0	21.9	22.8	23.7	26.0	28.4	30.6	
Nonprofit institutions serving households.....	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.8	
GDP with R&D treated as investment.....	1,013.9	1,069.1	1,159.1	1,272.3	1,419.3	1,538.9	1,680.6	1,872.0	2,081.8	
Percent change in the level of GDP.....	3.0	2.9	2.8	2.7	2.6	2.6	2.6	2.6	2.5	
2007 vintage R&D satellite account:										
Total adjustments to GDP from R&D investment.....	30.7	31.9	33.8	35.9	38.7	43.4	48.4	52.3	56.7	
Business.....	10.3	10.8	11.2	12.1	13.8	15.5	16.6	18.6	20.6	
Government.....	20.0	20.7	22.2	23.3	24.4	27.2	31.1	32.9	35.3	
Nonprofit institutions serving households.....	0.4	0.4	0.4	0.5	0.5	0.6	0.7	0.8	0.9	
GDP with R&D treated as investment.....	1,015.3	1,070.5	1,161.0	1,274.2	1,421.4	1,543.3	1,686.7	1,877.5	2,087.7	
Percent change in the level of GDP.....	3.1	3.1	3.0	2.9	2.8	2.9	3.0	2.9	2.8	
GDP with R&D and software adjustments ¹	1,015.3	1,070.5	1,161.0	1,274.2	1,421.4	1,543.3	1,686.7	1,877.5	2,087.7	
Percent change in the level of GDP.....	3.1	3.1	3.0	2.9	2.8	2.9	3.0	2.9	2.8	
Addenda:										
R&D investment (2007 vintage) ²	28.4	28.6	29.4	31.4	33.8	36.5	39.1	43.1	47.2	
	1978	1979	1980	1981	1982	1983	1984	1985	1986	
GDP (from the NIPAs)	2,294.7	2,563.3	2,789.5	3,128.4	3,255.0	3,536.7	3,933.2	4,220.3	4,462.8	
2006 vintage R&D satellite account:										
Total adjustments to GDP from R&D investment.....	55.3	61.4	68.0	77.6	87.1	96.1	107.5	116.5	120.2	
Business.....	22.5	27.0	31.7	37.7	43.4	49.7	57.7	64.1	64.3	
Government.....	32.0	33.5	35.2	38.7	42.3	44.9	48.2	50.7	53.9	
Nonprofit institutions serving households.....	0.9	1.0	1.1	1.2	1.4	1.5	1.7	1.8	2.0	
GDP with R&D treated as investment.....	2,350.1	2,624.8	2,857.5	3,206.0	3,342.1	3,632.8	4,040.7	4,336.8	4,583.0	
Percent change in the level of GDP.....	2.4	2.4	2.4	2.5	2.7	2.7	2.7	2.8	2.7	
2007 vintage R&D satellite account:										
Total adjustments to GDP from R&D investment.....	62.9	70.6	80.6	93.3	102.1	111.4	125.4	135.8	143.4	
Business.....	23.9	28.3	33.8	39.5	44.7	49.8	57.4	63.5	67.4	
Government.....	38.1	41.2	45.6	52.3	55.8	59.8	66.0	70.1	73.7	
Nonprofit institutions serving households.....	1.0	1.1	1.3	1.5	1.6	1.8	2.0	2.2	2.3	
GDP with R&D treated as investment.....	2,357.7	2,633.9	2,870.1	3,221.7	3,357.1	3,648.1	4,058.6	4,356.0	4,606.2	
Percent change in the level of GDP.....	2.7	2.8	2.9	3.0	3.1	3.2	3.2	3.2	3.2	
GDP with R&D and software adjustments ¹	2,357.3	2,633.1	2,868.9	3,220.2	3,355.2	3,645.7	4,055.9	4,352.9	4,602.7	
Percent change in the level of GDP.....	2.7	2.7	2.8	2.9	3.1	3.1	3.1	3.1	3.1	
Addenda:										
R&D investment (2007 vintage) ²	53.2	61.3	70.8	81.2	90.3	99.9	113.4	127.2	134.3	

1. GDP with R&D treated as investment and with the double-counting of R&D software investment removed.

2. R&D investment includes spending on R&D by government and nonprofit institutions

serving households, whereas the adjustment to GDP for this spending consists only of the consumption of fixed capital charges and net returns to R&D investment.

NOTE: Implemented using the aggregate output price index to estimate current-cost depreciation.

The underlying concepts and detailed computational methods for the R&D account will be provided in a series of papers that will be posted to the BEA Web site as they become available.¹

Estimation Improvements

The updated satellite account incorporated several enhancements:

- Estimates of R&D investment were adjusted to explicitly account for international transactions.
- The valuation of the purchase price of R&D by business was improved.

1. These papers will address the construction of the price indexes for R&D investment, the detailed methodology for the satellite account, the impact of capitalization on industry rates of return, the detailed methodology for the industry estimates, the construction of the R&D stocks and depreciation rates, regional issues, and international issues.

- The index of estimated prices for R&D output was enhanced to better reflect the value of R&D investment to the industries that purchase or create R&D for investment purposes.
- A double-count embedded in the R&D investment and software investment estimates was eliminated.

Adjustment for international transactions

The updated R&D account's estimates of business R&D investment were improved by explicitly accounting for R&D output performed in the U.S. and used abroad and for R&D output performed abroad and used in the U.S. The adjustment added R&D imports to industry investment and subtracted the cost of R&D exports from the R&D output that each industry retains for its own use.

For this adjustment, BEA relied on exports and imports data collected by BEA on receipts and payments

Table A. GDP and the Decomposition of the Adjustments to GDP With R&D Treated as Investment—Table Ends

[Billions of dollars]

	1987	1988	1989	1990	1991	1992	1993	1994	1995
GDP (from the NIPAs)	4,739.5	5,103.8	5,484.4	5,803.1	5,995.9	6,337.7	6,657.4	7,072.2	7,397.7
2006 vintage R&D satellite account:									
Total adjustments to GDP from R&D investment.....	126.6	136.1	145.4	158.8	173.8	179.5	181.2	186.4	200.2
Business.....	66.3	70.4	73.7	81.0	89.6	90.7	88.7	90.2	104.2
Government.....	58.1	63.3	68.8	74.6	80.6	84.8	88.1	91.4	91.0
Nonprofit institutions serving households.....	2.2	2.5	2.8	3.2	3.6	4.0	4.4	4.7	4.9
GDP with R&D treated as investment.....	4,866.0	5,239.9	5,629.7	5,961.9	6,169.7	6,517.3	6,838.6	7,258.6	7,597.8
Percent change in the level of GDP.....	2.7	2.7	2.7	2.7	2.9	2.8	2.7	2.6	2.7
2007 vintage R&D satellite account:									
Total adjustments to GDP from R&D investment.....	150.4	162.2	173.6	179.3	190.8	196.2	198.8	203.9	215.9
Business.....	69.5	75.7	83.4	87.3	96.5	100.6	101.4	104.3	116.1
Government.....	78.4	83.7	87.2	88.7	90.7	91.7	93.2	95.1	95.0
Nonprofit institutions serving households.....	2.5	2.8	3.1	3.3	3.6	3.9	4.2	4.6	4.8
GDP with R&D treated as investment.....	4,889.9	5,266.0	5,658.0	5,982.4	6,186.7	6,533.9	6,856.2	7,276.1	7,613.6
Percent change in the level of GDP.....	3.2	3.2	3.2	3.1	3.2	3.1	3.0	2.9	2.9
GDP with R&D and software adjustments ¹	4,886.0	5,261.7	5,653.3	5,977.3	6,181.3	6,528.1	6,850.0	7,269.5	7,606.6
Percent change in the level of GDP.....	3.1	3.1	3.1	3.0	3.1	3.0	2.9	2.8	2.8
Addenda:									
R&D investment (2007 vintage) ²	142.0	150.6	159.4	165.3	173.9	177.9	178.6	182.3	195.9
	1996	1997	1998	1999	2000	2001	2002	2003	2004
GDP (from the NIPAs)	7,816.9	8,304.3	8,747.0	9,268.4	9,817.0	10,128.0	10,469.6	10,960.8	11,685.9
2006 vintage R&D satellite account:									
Total adjustments to GDP from R&D investment.....	213.7	228.1	238.6	257.9	281.2	282.3	277.7	n.a.	n.a.
Business.....	116.3	128.5	140.8	157.8	179.2	179.3	170.8	n.a.	n.a.
Government.....	92.2	94.2	92.2	94.1	95.6	96.3	99.8	n.a.	n.a.
Nonprofit institutions serving households.....	5.1	5.5	5.6	6.0	6.4	6.7	7.1	n.a.	n.a.
GDP with R&D treated as investment.....	8,030.5	8,532.5	8,985.6	9,526.3	10,098.1	10,410.3	10,747.3	n.a.	n.a.
Percent change in the level of GDP.....	2.7	2.7	2.7	2.8	2.9	2.8	2.7	n.a.	n.a.
2007 vintage R&D satellite account:									
Total adjustments to GDP from R&D investment.....	227.4	240.8	250.3	268.3	292.0	293.4	288.6	301.3	318.1
Business.....	128.9	142.5	154.0	171.4	193.6	195.8	186.9	192.5	200.9
Government.....	93.6	93.2	91.0	91.2	92.4	91.3	94.9	101.3	109.1
Nonprofit institutions serving households.....	4.9	5.2	5.3	5.6	6.0	6.3	6.8	7.4	8.1
GDP with R&D treated as investment.....	8,044.3	8,545.2	8,997.3	9,536.7	10,109.0	10,421.4	10,758.2	11,262.0	12,004.0
Percent change in the level of GDP.....	2.9	2.9	2.9	2.9	3.0	2.9	2.8	2.7	2.7
GDP with R&D and software adjustments ¹	8,036.9	8,537.4	8,988.8	9,524.4	10,093.9	10,405.8	10,734.2	11,234.9	11,969.4
Percent change in the level of GDP.....	2.8	2.8	2.8	2.8	2.8	2.7	2.5	2.5	2.4
Addenda:									
R&D investment (2007 vintage) ²	209.4	225.0	238.3	256.5	279.1	287.4	285.3	299.6	316.6

n.a. Not available. The 2006 R&D satellite account only presents estimates for 1959–2002.
1. GDP with R&D treated as investment and with the double-counting of R&D software investment removed.

2. R&D investment includes spending on R&D by government and nonprofit institutions

serving households, whereas the adjustment to GDP for this spending consists only of the consumption of fixed capital charges and net returns to R&D investment.

Note. Implemented using the aggregate output price index to estimate current-cost depreciation.

for Research, Development, and Testing (RDT) services for use in the international transaction accounts.² Both unaffiliated trade data (trade between firms) and affiliated trade data (trade within firms) were included in the estimated values of exports and imports of R&D, as they are for the international transactions accounts in general. The net effect in 2004 was a subtraction of \$2.4 billion, or 1.2 percent, from private domestic R&D investment. The adjustment was negative in all years between 1987 and 2004; however, it became less negative after 2002. Omitting an adjustment for R&D imports would underestimate domestic investment in R&D, and omitting an adjustment for the cost of R&D exports would overestimate domestic R&D investment.³

Prices of purchased R&D

The updated R&D account distinguishes between two types of industry investment in R&D output: Business purchases of R&D and own-account investment. Own-account R&D investment refers to the R&D output that businesses develop for their own use rather than for sale to others. BEA estimates the value of own-account investment as the sum of costs. The value of purchased R&D includes the R&D seller's margin between receipts and costs. When this information is not available from other sources, this margin is estimated using the ratio of net operating surplus to gross output for miscellaneous professional, scientific, and technical

2. Although these data are not a perfect match for the scope of R&D activity considered investment in the satellite account, the RDT series is a close proxy. The scope of R&D activity considered investment in the R&D satellite account is that of the *Frascati Manual*, which would include testing prototypes but not routine testing. Thus, the RDT services data may include non-R&D transactions of unknown, but likely small, magnitude.

3. For the updated R&D account, BEA treated affiliated and unaffiliated trade symmetrically. An important conceptual issue for the recognition of R&D as investment in the national economic accounts is the treatment of R&D trade flows between affiliates of multinational companies and the extent to which these flows represent changes in national ownership.

services (5412OP) from BEA's GDP-by-industry data. This adjustment was used for both business purchases from other businesses and business purchases by the Federal Government.

Improved price indexes for R&D output

The updated R&D account presents estimates of real R&D investment based on two price indexes: One is an input price index like those used in the current NIPA estimation process when no market prices are observable; the other is an output-based index that indirectly reflects the movement of R&D output prices.

Input price index. The input price index was similar to those used for government and other hard-to-measure services in the national accounts. Thus, these estimates provide a baseline against which other estimates can be evaluated. This input price index for R&D investment was based on an aggregation of detailed price indexes for the inputs used to create R&D output. Although this method is useful for estimating the impact of inflation on R&D inputs, it is less appropriate for R&D output because it rules out productivity growth; it assumes real output grows at the same rate as real inputs. Given increases in computing power and other scientific advances, some argue that R&D productivity has increased, which would make the input price approach inappropriate.

Aggregate output price indexes. The aggregate R&D output price index is a weighted average of the output prices of R&D-intensive industries. It assumes there are common factors in R&D production processes across industries. Such an index tends to average out the extreme effects of rapidly falling or rising output prices for particular products.

The aggregate output price index was constructed using a Fisher-weighted combination of the output prices of 13 R&D-intensive industries (see the section "R&D as Investment by Industry."); the index was

Table B. Effect on Gross Private Domestic Investment and the Saving Rate With R&D Treated as Investment

	Gross private domestic investment (GPI)					National saving rate		
	Unadjusted, from the NIPAs (billions of dollars)	Unadjusted, less R&D software double-count (billions of dollars)	Adjusted for R&D and for R&D software double-count (billions of dollars)	Effect of R&D and software adjustments		Unadjusted ¹ (percent)	Adjusted (percent)	Impact (percentage points)
				On unadjusted GPI (percent)	On GPI less R&D software double-count (percent)			
	(a)	(b)	(c)	(c/a-1)	(c/b-1)			
1960.....	78.9	78.9	83.5	5.8	5.8	21.0	23.3	2.3
1970.....	152.4	152.4	163.2	7.1	7.1	18.6	20.7	2.1
1980.....	479.3	478.1	511.8	6.8	7.1	19.8	21.6	1.8
1990.....	861.0	855.9	943.2	9.6	10.2	16.3	18.5	2.2
2000.....	1,735.5	1,720.4	1,913.9	10.3	11.3	17.7	19.8	2.1
2004.....	1,888.6	1,854.0	2,054.9	8.8	10.8	13.8	15.8	2.0

1. As published in the national income and product accounts.
Note: Implemented using the aggregate output price index.

weighted according to each industry's share of annual business R&D investment. For years before 1987, detailed industry investment measures were unavailable, and the aggregate output price index was a weighted average of the top five industry R&D performers based on NSF data.

The aggregate output price index was chosen for the featured estimates. Before selecting the aggregate output price index, two alternatives were tested: (1) Detailed R&D output price indexes based on output prices for each R&D-intensive industry and (2) detailed R&D output price indexes based on a residual intangible asset price index for industry groups. Both of these indexes apply price indexes to R&D output that vary based on the price indexes of specific industries.

The residual intangible asset price index was an implementation of the net present value concept: The maximum a firm would be willing to pay for R&D investment is the gains received from using the R&D in production. This residual price index was based on a 5-year moving average of these gains, which are computed as industry gross output less the cost of labor, intermediate inputs, and capital services that have been estimated with an average return to existing capital assets. This index and the industry-specific output price indexes produced some substantive differences in the measures of real gross output and real value added at the industry level, compared with the aggregate output price index. However, at the aggregate level, each of the two alternative price indexes produced generally consistent results with the featured aggregate output price index.

The previous R&D account, released in 2006, featured a price index created with a combination of value-added prices and output prices for the four industries that performed the most R&D. The new index

uses gross output prices derived mainly from Bureau of Labor Statistics (BLS) producer price indexes. The new index also includes all 13 R&D-intensive industries rather than a subset and incorporates a finer adjustment for industry weighting and updating. The estimates that result from the new price index are similar to the previous estimates.

Eliminating double-counting

In this R&D account, BEA eliminated a double counting of R&D expenditures contained in software investment. The NSF source data treat the cost of developing software that is marketed outside the company as an R&D activity.⁴ These costs were double counted in last year's R&D account, once in R&D investment and once in software investment. For 2007, BEA has removed the amount from the software investment estimate, retaining it in R&D investment, because the R&D satellite account is designed to focus on R&D as a capitalized asset. This adjustment lowered GDP and business investment by the amount of the double-count.

For most of the 1980s and 1990s, the double count was estimated to have been about 5 to 6 percent of business funding of R&D. By 2004, it grew to 17 percent of business funding of R&D and to 43 percent of total own-account software.

R&D and the Economy Effect on GDP and investment

If R&D were treated as investment, GDP would have grown slightly faster on average in 1959–2004 (table C). The average difference was 0.13 percentage point in

4. In the NIPAs, three types of computer software spending—prepackaged software, custom software, and own-account software—are treated as investment and thus are included in GDP. Own-account software includes all in-house software development, whether it is for software to be used exclusively for internal company operations or for software to be marketed outside the company, such as a firm developing a software program for widespread distribution.

Where Are Spillovers?

The estimates provided in this release include only the direct impact of R&D investment, that is, the direct benefit realized by the investor. These estimates do not separately identify spillovers, the benefits of R&D to firms that did not pay for the R&D. However, the Bureau of Labor Statistics (BLS) produces measures of the impact of technological change on productivity as part of its estimates of multifactor productivity for the business sector. These estimates measure spillovers directly. BLS has estimated that approximately one-fifth of the multifactor productivity residual can be attributed to R&D in recent years. These BLS estimates of the spillovers are broadly consistent with the BEA estimates of the direct impact of R&D. For more information, see <www.bls.gov/mfp/rdtable.pdf>.

Table C. Comparison of Changes in Average Real GDP Growth Rates

	Unadjusted ¹ (percent)	Adjusted, 2007 vintage ² (percent)	Adjusted, 2006 vintage (percent)
	(a)	(b)	(c)
1959–1973	4.20	4.33	4.28
1974–1994	3.02	3.03	3.08
1995–2002	3.25	3.40	3.39
1995–2004	3.21	3.33	n.a.
1959–2002	3.35	3.42	3.42
1959–2004	3.33	3.40	n.a.

n.a. Not available. The 2006 R&D satellite account only presents estimates for 1959–2002.
1. As published in the national income and product accounts.
2. Real GDP with R&D treated as investment and the double-counting of R&D software removed.
NOTE. Implemented using the aggregate output price index.

1959–73. The average difference narrowed to almost zero in 1974–94 before picking up again to 0.12 percentage point in 1995–2004.

The impact of treating R&D expenditures as investment can be seen by looking at the contribution of R&D to the annual real GDP growth (table D). Of the 3.7 percent growth in real GDP in 2004, the contribution of the new treatment of R&D would have been 0.17 percentage point. In 2004, the newly recognized income flows from government and nonprofit institutions serving households would have contributed 0.09 percentage point, while business investment would have contributed a smaller 0.07 percentage point. In years when economic growth slows, R&D often detracts from growth. For example, in 1975, both busi-

ness and government R&D effects on the growth rate were negative. However, business and government effects sometimes offset each other. In 2002, after the technology bubble, business R&D subtracted 0.06 percentage point from growth, while government R&D added 0.06 percentage point.

Revisions

The picture of the economy presented in the revised estimates is similar to that shown by the estimates published in 2006. In the updated estimates, current-dollar investment in R&D was higher for all years; investment in R&D totaled \$285.3 billion in 2002, an upward revision of \$8.8 billion from the previous estimates (chart 1). Similarly, for 1959–2002, current-dollar GDP was

Table D. Contributions to and Shares of the Annual Growth Rate of Real GDP With R&D Treated as Investment—Continues

	1960	1961	1962	1963	1964	1965	1966	1967	1968
Percent change at annual rate:									
Real GDP ¹	2.73	2.55	6.30	4.47	6.03	6.61	6.63	2.69	4.93
Percentage points at annual rates:									
Effect of R&D as investment ²	0.30	0.28	0.38	0.21	0.37	0.37	0.30	0.25	0.25
Business.....	0.09	0.05	0.07	0.06	0.07	0.09	0.10	0.08	0.08
Government.....	0.21	0.23	0.30	0.14	0.30	0.27	0.19	0.17	0.17
Nonprofit institutions serving households.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1969	1970	1971	1972	1973	1974	1975	1976	1977
Percent change at annual rate:									
Real GDP ¹	3.21	0.20	3.35	5.32	5.79	-0.56	-0.30	5.24	4.56
Percentage points at annual rates:									
Effect of R&D as investment ²	0.22	0.03	0.08	0.18	0.18	-0.07	-0.12	0.06	0.07
Business.....	0.09	0.01	0.00	0.06	0.11	0.00	-0.07	0.06	0.05
Government.....	0.12	0.02	0.08	0.12	0.08	-0.07	-0.05	0.00	0.02
Nonprofit institutions serving households.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1978	1979	1980	1981	1982	1983	1984	1985	1986
Percent change at annual rate:									
Real GDP ¹	5.50	3.12	-0.20	2.50	-1.83	4.52	7.19	4.16	3.45
Percentage points at annual rates:									
Effect of R&D as investment ²	0.10	0.06	0.03	0.06	0.06	0.15	0.23	0.16	0.10
Business.....	0.09	0.09	0.07	0.05	0.07	0.09	0.14	0.11	0.05
Government.....	0.01	-0.03	-0.04	0.00	-0.01	0.05	0.08	0.05	0.04
Nonprofit institutions serving households.....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1987	1988	1989	1990	1991	1992	1993	1994	1995
Percent change at annual rate:									
Real GDP ¹	3.35	4.18	3.62	1.95	-0.01	3.36	2.65	4.01	2.71
Percentage points at annual rates:									
Effect of R&D as investment ²	0.08	0.18	0.19	0.13	0.16	0.14	0.06	0.10	0.27
Business.....	0.02	0.10	0.12	0.07	0.13	0.08	0.02	0.05	0.20
Government.....	0.06	0.07	0.06	0.05	0.02	0.06	0.04	0.05	0.06
Nonprofit institutions serving households.....	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00
	1996	1997	1998	1999	2000	2001	2002	2003	2004
Percent change at annual rate:									
Real GDP ¹	3.94	4.72	4.37	4.62	3.86	0.86	1.48	2.57	3.65
Percentage points at annual rates:									
Effect of R&D as investment ²	0.34	0.35	0.31	0.32	0.32	0.13	0.00	0.15	0.17
Business.....	0.25	0.25	0.23	0.26	0.26	0.08	-0.06	0.06	0.07
Government.....	0.09	0.09	0.08	0.06	0.05	0.04	0.06	0.08	0.09
Nonprofit institutions serving households.....	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01

1. GDP with R&D treated as investment and with the double-counting of R&D software investment removed.

2. Includes business investment, consumption of fixed capital charges for government and

nonprofit institutions serving households, and a net return to government and these nonprofit institutions.

NOTE: Implemented using the aggregate output price index.

Chart 1. R&D Investment as a Percent of Adjusted GDP, 1959–2004

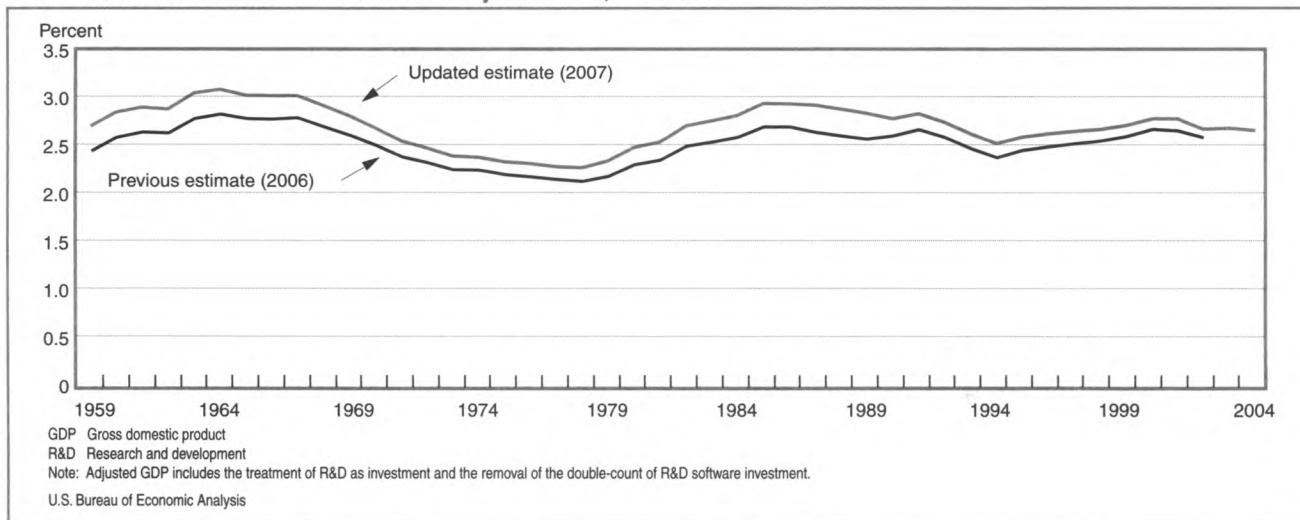


Table D. Contributions to and Shares of the Annual Growth Rate of Real GDP With R&D Treated as Investment—Table Ends

NAICS code		1959–2004	1959–73	1973–95	1995–2004
	Average percent change at annual rate:				
	Real GDP ¹	3.42	4.34	2.87	3.34
	Average percentage points at annual rates:³				
	GDP excluding R&D investment	3.25	4.10	2.77	3.11
	Effect of R&D as investment ²	0.17	0.24	0.10	0.23
	Business	0.09	0.07	0.07	0.16
3254	Pharmaceutical and medicine manufacturing	n.a.	n.a.	n.a.	0.03
3251–53, 3255–56, 3259	Other chemical manufacturing	n.a.	n.a.	n.a.	0.01
3341	Computers and peripheral equipment manufacturing	n.a.	n.a.	n.a.	0.00
3342	Communication equipment manufacturing	n.a.	n.a.	n.a.	0.01
3344	Semiconductor and other electronic component manufacturing	n.a.	n.a.	n.a.	0.01
3345	Navigational, measuring, electromedical, and control instruments manufacturing	n.a.	n.a.	n.a.	0.01
3343, 3346	Other computer and electronic products	n.a.	n.a.	n.a.	0.00
3361–63	Motor vehicles, bodies and trailers, and parts manufacturing	n.a.	n.a.	n.a.	0.01
3364	Aerospace product and parts manufacturing	n.a.	n.a.	n.a.	0.00
3365–66, 3369	Other transportation equipment manufacturing	n.a.	n.a.	n.a.	0.00
5112	Software publishing	n.a.	n.a.	n.a.	0.02
5415	Computer systems design and related services	n.a.	n.a.	n.a.	0.01
5417	Scientific research and development services	n.a.	n.a.	n.a.	0.01
	All other for-profit industries	n.a.	n.a.	n.a.	0.03
	Government	0.08	0.17	0.02	0.07
	Nonprofit institutions serving households	0.00	0.00	0.00	0.01
	Percent of average annual growth:⁴				
	GDP excluding R&D investment	95.00	94.40	96.50	93.04
	Effect of R&D as investment ²	5.00	5.60	3.50	6.96
	Business	2.57	1.60	2.53	4.64
3254	Pharmaceutical and medicine manufacturing	n.a.	n.a.	n.a.	1.01
3251–53, 3255–56, 3259	Other chemical manufacturing	n.a.	n.a.	n.a.	0.15
3341	Computers and peripheral equipment manufacturing	n.a.	n.a.	n.a.	0.07
3342	Communication equipment manufacturing	n.a.	n.a.	n.a.	0.33
3344	Semiconductor and other electronic component manufacturing	n.a.	n.a.	n.a.	0.36
3345	Navigational, measuring, electromedical, and control instruments manufacturing	n.a.	n.a.	n.a.	0.25
3343, 3346	Other computer and electronic products	n.a.	n.a.	n.a.	0.03
3361–63	Motor vehicles, bodies and trailers, and parts manufacturing	n.a.	n.a.	n.a.	0.27
3364	Aerospace product and parts manufacturing	n.a.	n.a.	n.a.	0.13
3365–66, 3369	Other transportation equipment manufacturing	n.a.	n.a.	n.a.	0.03
5112	Software publishing	n.a.	n.a.	n.a.	0.55
5415	Computer systems design and related services	n.a.	n.a.	n.a.	0.33
5417	Scientific research and development services	n.a.	n.a.	n.a.	0.25
	All other for profit industries	n.a.	n.a.	n.a.	0.88
	Government	2.33	3.94	0.87	2.16
	Nonprofit institutions serving households	0.10	0.06	0.11	0.16

n.a. Not available
NAICS North American Industry Classification System
1. GDP with R&D treated as investment and with the double-counting of R&D software investment removed.
2. Includes business investment, consumption of fixed capital charges for government and nonprofit institutions serving households, and a net return to government and these nonprofit

institutions.
3. Average annual contributions to GDP growth including R&D are computed as the arithmetic average of annual contributions to growth.
4. Percent of total is computed as the ratio of average annual contributions to growth over the average growth of GDP including the effects of treating R&D as investment.
NOTE: Implemented using the aggregate output price index.

higher for all years before 1999. Beginning in 1999, current-dollar GDP was lower because of the increasing impact of the software adjustment.

Crosswalk of Changes in R&D Investment for Business and for Government, 2002¹

[Billions of dollars]

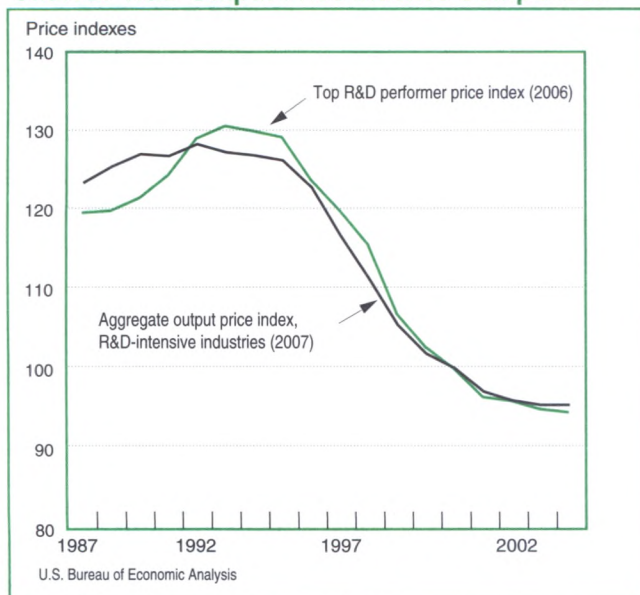
	2002
Business R&D investment (2006 vintage)	170.8
Plus: Import adjustment	-4.0
Plus: Adjustment to R&D purchases by business from a cost basis to an imputed purchase price.....	3.9
Plus: Purchases of nonscientific R&D.....	4.0
Plus: Reallocation of Federal to non-Federal split ²	9.5
Plus: Other	2.7
Equals: Business R&D investment (2007 vintage)	186.9
Government R&D investment (2006 vintage)	98.3
Plus: Reallocation of Federal/non-Federal split ²	-9.5
Plus: Adjustment to Federal purchases of R&D from business from a cost basis to an imputed purchase price.....	2.3
Plus: Other	-0.3
Equals Government R&D investment (2007 vintage)	90.8

1. The double-count is not included in this table, because it was taken out of software investment rather than R&D investment.
 2. The reallocation of Federal and non-Federal R&D from a BEA estimate to an NSF survey-based split was made to provide better internal consistency for the industry estimates, the largest component of R&D performance and investment.

To illustrate the differences between the updated and previous estimates, the table above provides a crosswalk for 2002. The adjustments shown in the table were made to improve the accuracy of the measures of R&D investment and to expand the boundary of capitalized R&D to include international transactions and purchases of nonscientific R&D.

As shown in table C, the previous estimates of real GDP growth are similar to the updated estimates, but in the updated estimates, the average growth rate was slightly higher in 1959–73. In part, the difference in estimates was due to the use of an improved R&D output price index. Chart 2 shows the difference in the indexes

Chart 2. R&D Output Price Indexes Comparison



in the earlier years.

R&D as Investment by Industry
New R&D estimates for 13 R&D-intensive industries

For the first time, the R&D account provides statistics on R&D investment for R&D-intensive industries for 1987–2004. Specifically, the account provides estimates of gross output and value added for these industries when R&D is treated as investment.

The R&D account provides detail for 13 R&D-intensive industries, which accounted for more than two-thirds of business R&D spending in 2004 and have the highest ratios of R&D investment to industry receipts. These industries include pharmaceutical and medicine manufacturing, computer and peripheral equipment manufacturing, semiconductor manufacturing, software publishing, computer systems design services, and six other industries.⁵

The R&D investment by industry estimates were based on the framework that was developed to treat spending on software as investment for the 1999 comprehensive benchmark revision of the NIPAs. The steps involved in adjusting gross output, intermediate inputs and value added for R&D as investment are shown in table 8 for the pharmaceutical and medicine manufacturing industry for 1987–2004.

Gross output is equal to the sum of an industry’s sales, other operating income, commodity taxes, and inventory change. Treating R&D as investment would add the value of own-account R&D investment to industry gross output.

Intermediate inputs measure an industry’s use of the secondary factors of production, energy, materials and purchased services; treating own-account R&D as investment does not change the industry purchases of intermediate inputs.

Value added measures the contribution of an industry or sector to GDP. It is measured as gross output less intermediate inputs. Own-account R&D investment thus adds to both gross output and value added.

Business purchases of R&D do not affect industry gross output, but they do change intermediate inputs because these purchases are reclassified as investment. The value of intermediate inputs falls by the value of the R&D investment, and value added increases by the same amount. Industry value added rises by the value of R&D investment less the R&D software double-count.

The estimates of R&D investment by industry were

5. Three manufacturing groups can be shown with these data—chemical manufacturing (NAICS 325), computer and electronic product manufacturing (NAICS 334), and transportation equipment manufacturing (NAICS 336). For a list of the detailed industries, see table E.

developed by mapping the NSF's data on industry R&D expenditures into the industry classification framework of BEA's industry accounts, which is based on establishments. An establishment-based approach provides the data for a richer understanding of industry behavior, in particular, of industry productivity. For more information, see the box "Accounting for R&D Performance" on page 64.

Industry results

Recognizing R&D as investment changes the relative importance of the 13 industries as contributors to economic growth. Table E compares each industry's share of private industry value added before and after the adjustment for R&D investment and its contribution to the growth rate of private industry value added.

In 1995–2004, if R&D were treated as investment, private industry value added would have grown an average 3.4 percent.⁶ That compares with 3.2-percent growth according to the unadjusted estimate. The rows of table E show each industry's share of the growth.

Compared with unadjusted estimates, the contribution of pharmaceutical and medicine manufacturing

to the growth in real private industry value added would be three times larger if R&D were treated as investment (1.8 percent, compared with 0.5 percent). In the scientific R&D services industry, the contribution would triple (1.3 percent, compared with 0.4 percent) mainly because BEA's GDP-by-industry classification structure is establishment-based rather than company-based and much R&D output is produced in dedicated R&D establishments. The contributions of the software publishing industry and the computer services industry would both increase if R&D were treated as investment. The slight reduction in the share of growth in private industry value added attributed to the computer and peripheral equipment manufacturing industry is due to the slower growth of real R&D investment relative to the industry's real output.

Another way to look at the impact of capitalizing R&D on specific industries is to identify the growth in GDP that stems from business R&D investment. If R&D were treated as investment, business R&D would account for 2.6 percent of the average annual growth in real GDP (table D) in 1959–2004; the contribution would be greater in recent years, 4.6 percent in 1995–2004. Chart 3 shows the impact on the information, communication, and technology producing sector and the biotechnology sector, which contains pharmaceutical and medicine manufacturing and scientific R&D

6. This growth rate differs from that of GDP because (1) the source data used for the estimates differ and (2) the scope of measurement here is only the value added of private industries, not the government and nonprofit sectors.

Table E. Private Industry Value Added Unadjusted and Adjusted for R&D as Investment, Growth Rate, Industry Share of Growth Rate, and Industry Share of Private Industry Value Added 1995–2004
[Percent]

NAICS code		Growth rate in private industry value added		Average annual industry value added as a percent of average annual total private industry value added	
		Unadjusted ¹	Adjusted ²		
All industries		3.24	3.35		
NAICS code		Industry share of growth rate in private industry value added ³		Unadjusted	Adjusted
		Unadjusted ¹	Adjusted ²		
3254	Pharmaceutical and medicine manufacturing	0.5	1.8	0.6	0.9
3251–53, 3255–56, 3259	Chemicals minus pharmaceutical and medicine manufacturing	1.2	1.3	1.4	1.5
3341	Computer and peripheral equipment manufacturing	5.5	5.3	0.2	0.3
3342	Communications equipment manufacturing	0.3	0.7	0.3	0.4
3344	Semiconductor and other electronic component manufacturing	8.5	8.5	0.7	0.8
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-0.1	0.2	0.6	0.6
3343, 3346	Other computer and electronic products manufacturing	-0.1	-0.1	0.1	0.1
3361–63	Motor vehicles, bodies and trailers, and parts manufacturing	0.9	1.1	1.4	1.6
3364	Aerospace product and parts manufacturing	0.0	0.2	0.6	0.7
3365–66, 3369	Other transportation equipment manufacturing	0.1	0.1	0.2	0.2
5112	Software publishers	2.6	2.9	0.5	0.6
5415	Computer systems design and related services	3.4	3.5	1.3	1.3
5417	Scientific research and development services	0.4	1.3	0.5	0.6
	All other industries	76.6	73.2	91.6	90.4

NAICS North American Industry Classification System

R&D Research and development

1. Corresponds to published values.

2. Value added with R&D treated as investment and with the double-counting of R&D soft-

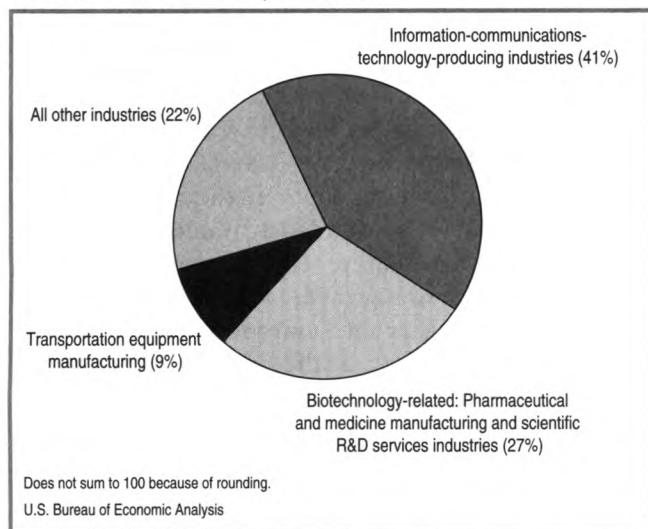
ware removed.

3. Calculated as the average annual industry contribution to the percent change in adjusted and unadjusted chain-type quantity index of value added.

NOTE: Implemented using the aggregate output price index.

services. Together, these two sectors account for more than half of the average contribution to growth between 1995 and 2004.

Chart 3. Sources of Business R&D's Contribution to Real GDP Growth, 1995–2004



Estimates of current-dollar and real investment for business are also provided for these industries for 1987–2004 (tables 5.1 and 5.2). Real investment is estimated using the same price index featured in the NIPA-based satellite account—the aggregate R&D output price index.

The estimates show the impact of treating R&D as investment on private industry gross output and value added. Current-dollar and real (inflation-adjusted) estimates using this price index are provided (tables 7.1A–7.3B).

The primary source for the R&D data used in the industry satellite account was the National Science Foundation's Survey of Industrial R&D, which provided industry detail on expenditures for the performance of R&D. These data were supplemented with BEA data on international services trade, Economic Census data on receipts for the R&D services industry, and unpublished data from BEA, the Census Bureau, and NSF that were used to allocate R&D performance and investment to industries.

R&D and BEA's Regional and International Accounts

Regional accounts

For the first time, the R&D account includes a regional component that provides estimates of the impact of treating R&D as investment on GDP by state for 1998–2002. These estimates are best seen as experimental, as there are several issues that BEA must work through in its attempt to provide the most accurate es-

timates. An overview is provided in this section.

Because regional statistics are calculated consistently with the GDP statistics, treatment of R&D as investment at the state level is consistent with the main definitions and conventions developed for the national accounts. However, one issue that is particularly challenging for the GDP-by-state accounts is the appropriate geographical allocation of R&D investment. Should R&D investment be allocated to the location where the R&D is performed? Or should the allocation of R&D investment cross state borders if it is used (and affects output) in multiple states? R&D that is funded and performed in a company's headquarters in one state can be shared with the company's operations throughout the country. Locating the R&D entirely in the state in which the R&D is performed and funded is conceptually problematic when the investment is shared with locations in other states.

Capitalizing R&D would require that purchased R&D be reclassified from an expense to investment, thus lowering intermediate expenditures and raising GDP by the same amount. To allocate this addition to GDP to the proper state, the location of industries that purchase the R&D output must be determined. The every 5-year Economic Census can be used to allocate national estimates of R&D output to states for Economic Census years. For other years, state shares of employment or wages from other establishment-based data, such as the Quarterly Census of Employment and Wages data from BLS, could be used to allocate the national estimates. However, there is no information on the location of the industries that purchase R&D output. Consequently, a choice of assumptions is required. One can either assume that R&D investment occurs in the state in which it is performed or assume that R&D investment is proportional to industry output. In the latter case, R&D investment would be allocated to states based on states' shares of R&D-using industries. BEA is studying the merits of each assumption. For these initial estimates, BEA assumed R&D investment was distributed across states in proportion to the state shares of industry-funded R&D according to NSF.

As for own-account R&D, it would be estimated and added to the total gross output of the industries performing own-account R&D. In general, NSF data on business-funded R&D would be used to allocate BEA's national estimates of industry-funded R&D to states, and the NSF data on government-funded R&D would be used to allocate BEA's national estimates of consumption of fixed capital and net returns for government funded R&D. To account for this correctly, the location of the industries performing own-account R&D must be determined. For the case of single-estab-

lishment firms, the R&D investment would be allocated to the state in which the R&D is performed. For a firm with establishments in multiple states, the location of investment could be determined by assigning the value of investment proportionately to the output of the firm's establishments.

In addition, the GDP-by-state accounts would logically use the same R&D price indexes used in the national and industry components of the satellite account when calculating real R&D investment. It would also use national depreciation rates to calculate the net stock of R&D assets.

Table F provides illustrative estimates of how the new treatment of R&D might affect GDP-by-state for 1998–2002.⁷ This table shows the largest impacts are for New Mexico, Maryland, and Rhode Island. For New Mexico, GDP-by state would rise by an average 8.2 percent. For many states, however, the impact on GDP-by-state would likely be within 1.0 percentage point of the estimated U.S. impact of 2.8 percent. Impacts would exceed 1.0 percentage point above the U.S. impact for 10 states, and would be more than 1.0 percentage point below in 19 states.

7. These GDP-by-state impact estimates differ from those in table A because the GDP-by-state estimates incorporated parameters from the 2006 vintage R&D satellite account.

International accounts

For the first time, the R&D account includes an international component that shows the impact of treating R&D as investment on several dimensions of international transactions, including international transactions balances, the international investment position, and value added for MNCs for 1995–2004. Like the regional estimates, the international estimates are best seen as experimental, as there are important methodological issues that BEA is currently studying.

Capitalizing MNC R&D raises several practical and conceptual issues that can affect estimates of R&D capital stocks. Two issues are particularly notable. The first issue is conceptual. R&D—like some other intangible assets, but unlike conventional physical capital—can be shared without cost. A parent company that shares R&D results with an overseas affiliate neither increases the MNC-wide stock of R&D capital nor lowers its own stock of R&D capital. However, it does raise the R&D capital stock of its affiliate. The sharing of R&D capital among different parts of an MNC, which may be regarded as a form of joint ownership, becomes an economic accounting problem when the boundaries of MNCs do not stop at the boundaries of the countries for which estimates are made. Whether and how to measure such sharing is a problem without a clear resolution.

The second issue arises because of data limitations.

Table F. Illustrative Estimates of the Effect on the Level of GDP by State With R&D Treated As Investment

[Percent]

	1998	1999	2000	2001	2002	Average 1998– 2002		1998	1999	2000	2001	2002	Average 1998– 2002
United States.....	2.7	2.8	2.9	2.8	2.7	2.8	Missouri.....	1.3	1.3	1.6	1.6	1.4	1.5
Alabama.....	2.2	2.0	2.0	2.3	2.2	2.1	Montana.....	1.2	1.1	1.1	1.3	1.2	1.1
Alaska.....	1.8	1.1	1.0	1.4	1.2	1.3	Nebraska.....	0.7	0.9	5.1	1.2	1.2	1.8
Arizona.....	1.9	3.6	2.2	2.1	2.6	2.5	Nevada.....	1.0	0.8	0.6	0.6	0.7	0.7
Arkansas.....	0.6	0.7	0.8	0.8	0.7	0.7	New Hampshire.....	3.7	3.5	2.1	4.3	3.6	3.4
California.....	4.4	4.4	4.8	4.3	4.1	4.4	New Jersey.....	3.7	3.3	4.1	3.3	3.6	3.6
Colorado.....	3.7	3.1	2.9	2.8	2.5	3.0	New Mexico.....	8.1	8.3	7.8	5.9	10.8	8.2
Connecticut.....	2.6	3.1	3.3	3.4	4.3	3.3	New York.....	2.2	2.1	2.0	2.0	1.8	2.0
Delaware.....	6.9	3.4	3.9	3.1	3.0	4.1	North Carolina.....	2.0	2.1	2.1	2.2	1.9	2.1
District of Columbia.....	6.5	5.9	5.4	5.1	4.9	5.6	North Dakota.....	0.9	1.2	1.1	2.7	1.7	1.5
Florida.....	1.3	1.1	1.2	1.3	1.2	1.2	Ohio.....	2.2	2.5	2.3	2.6	2.3	2.4
Georgia.....	1.1	1.2	1.1	1.2	1.4	1.2	Oklahoma.....	0.8	0.9	0.9	1.0	0.9	0.9
Hawaii.....	0.8	0.9	1.0	1.1	1.2	1.0	Oregon.....	2.0	2.0	2.1	5.2	2.6	2.8
Idaho.....	4.1	4.5	4.6	2.9	4.0	4.0	Pennsylvania.....	2.6	3.0	2.8	3.0	2.5	2.8
Illinois.....	2.2	2.3	3.0	2.4	2.3	2.5	Rhode Island.....	6.3	6.2	5.3	5.4	5.2	5.7
Indiana.....	1.9	1.7	1.8	2.3	2.2	2.0	South Carolina.....	1.1	1.1	1.2	1.3	1.5	1.2
Iowa.....	1.5	1.3	1.4	1.6	1.5	1.5	South Dakota.....	0.4	0.4	0.5	0.7	0.5	0.5
Kansas.....	2.2	2.3	2.0	2.2	2.4	2.2	Tennessee.....	1.7	1.6	1.4	1.7	1.5	1.6
Kentucky.....	0.7	0.9	0.9	0.9	1.0	0.9	Texas.....	1.8	2.0	1.8	1.8	1.9	1.9
Louisiana.....	0.6	0.6	0.6	0.7	0.7	0.7	Utah.....	2.8	2.7	2.4	2.4	2.4	2.5
Maine.....	0.6	0.8	1.1	1.2	1.2	1.0	Vermont.....	1.3	2.6	3.0	2.4	2.2	2.3
Maryland.....	6.4	6.1	6.3	7.2	5.1	6.2	Virginia.....	2.7	2.6	2.4	2.4	2.4	2.5
Massachusetts.....	6.4	5.5	5.5	5.9	5.5	5.8	Washington.....	4.7	4.4	5.4	5.0	4.8	4.9
Michigan.....	4.7	5.8	5.9	4.9	4.5	5.2	West Virginia.....	1.3	1.3	1.4	1.3	1.3	1.3
Minnesota.....	2.5	2.4	2.5	2.8	2.8	2.6	Wisconsin.....	1.7	1.6	1.7	2.0	2.0	1.8
Mississippi.....	0.8	1.0	1.1	1.2	1.2	1.0	Wyoming.....	0.6	0.5	0.5	0.5	0.5	0.5

NOTE. Calculated as the ratio of the adjustment to unadjusted GDP by state.

In contrast to the domestic stock of R&D capital, the stock of MNC R&D capital can increase not only through R&D investment, but also through the entry into the MNC population of firms that hold preexisting R&D stocks. The result is that computing changes in MNC capital stocks becomes more complicated than simply summing up investment and subtracting depreciation. Conceptually an obvious solution would be to simply estimate the R&D stocks of entering firms and acquisitions by existing firms. However, existing data allow for only very rough estimates of "entry effects."⁸

Table G provides illustrative estimates of the impact of R&D as investment on several components of the international accounts. The international transactions accounts, which summarize economic transactions between the United States and the rest of the world, consist of the current account, the capital account, and the financial account. The first two balances shown, on direct investment income and international investment income, are components of the current account balance, which reflects the combined balances on trade in goods and services (exports less imports), income (receipts less payments), and unilateral current transfers (transfers received less transfers made). The net international investment position is the cumulative end-of-year value of U.S.-owned assets abroad (outward investment) less foreign-owned assets in the United States (inward investment).

In the international transactions accounts in 2004, the current-account deficit would fall \$1.3 billion, or 0.2 percent. The \$1.3 billion change would result in bigger changes for other measures: The surplus on direct investment income would rise 0.9 percent, and the surplus on total international investment income would rise 2.3 percent.

In the international investment position accounts, treating R&D as investment would raise the outward direct investment position \$125.0 billion, or 5.1 percent, in 2004. The inward direct investment position would rise \$149.2 billion, or 8.6 percent. The net (outward minus inward) direct investment position would fall \$24.2 billion, or 3.2 percent. The \$24.2 billion change would result in a marginal rise in the net international investment position, which includes both di-

8. In practice, estimates of "entry effects" must net the R&D capital stocks held by exiting firms against stocks held by entering firms.

Table G. Illustrative Estimates of the Effect on Selected International Accounts Measures Unadjusted and Adjusted for R&D as Investment
(Billions of dollars)

	International transactions balances ¹					
	Direct investment income ²		International investment income ²		Current account ³	
	Unadjusted	Adjusted	Unadjusted	Adjusted	Unadjusted	Adjusted
1995.....	64.9	60.6	20.9	16.6	-113.6	-117.9
1996.....	69.4	65.7	22.3	18.6	-124.8	-128.5
1997.....	72.4	68.3	12.6	8.6	-140.7	-144.8
1998.....	65.5	57.3	4.3	-4.0	-215.1	-223.3
1999.....	78.2	71.9	13.9	7.6	-301.6	-307.9
2000.....	94.9	89.9	21.1	16.0	-417.4	-422.5
2001.....	115.9	111.3	31.7	27.1	-384.7	-389.3
2002.....	102.3	99.2	27.7	24.5	-459.6	-462.8
2003.....	112.7	109.1	45.4	41.8	-522.1	-525.7
2004.....	139.4	140.7	56.4	57.7	-640.1	-638.8
	International investment position					
	Outward investment		Inward investment		Net position ⁴	
	Unadjusted	Adjusted	Unadjusted	Adjusted	Unadjusted	Adjusted
1995.....	3,486.3	3,553.7	3,944.7	4,011.0	-458.5	-457.3
1996.....	4,032.3	4,104.0	4,527.4	4,600.0	-495.1	-496.0
1997.....	4,567.9	4,642.9	5,388.6	5,467.7	-820.7	-824.8
1998.....	5,095.5	5,175.0	5,990.9	6,082.4	-895.4	-907.4
1999.....	5,974.4	6,061.1	6,740.6	6,843.5	-766.2	-782.4
2000.....	6,238.8	6,331.1	7,620.0	7,735.6	-1,381.2	-1,404.4
2001.....	6,308.7	6,406.2	8,228.1	8,353.1	-1,919.4	-1,946.8
2002.....	6,652.2	6,755.4	8,740.3	8,871.8	-2,088.0	-2,116.4
2003.....	7,643.5	7,755.3	9,783.9	9,924.6	-2,140.4	-2,169.4
2004.....	9,257.1	9,382.1	11,551.5	11,700.7	-2,294.4	-2,318.6
	Value added of multinational companies ⁵					
	Majority-owned foreign affiliates		U.S. parents		Majority-owned U.S. affiliates	
	Unadjusted	Adjusted	Unadjusted	Adjusted	Unadjusted	Adjusted
1995.....	465.6	476.5	1,365.5	1,453.6	254.9	269.8
1996.....	498.3	510.2	1,480.6	1,572.8	283.4	299.1
1997.....	520.9	533.1	1,573.5	1,672.9	313.7	330.3
1998.....	506.3	518.3	1,594.5	1,702.2	353.9	375.3
1999.....	566.4	581.0	1,914.3	2,035.7	397.3	420.2
2000.....	606.6	623.7	2,141.5	2,272.0	447.3	472.2
2001.....	585.7	602.6	1,892.4	2,030.5	417.1	442.1
2002.....	601.6	620.3	1,858.8	1,991.4	460.6	486.5
2003.....	697.8	718.2	1,958.1	2,093.9	475.1	503.1
2004.....	824.3	850.2	2,215.8	2,364.0	511.5	539.6

R&D Research and development

1. The international transactions accounts summarize economic transactions between the United States and the rest of the world; they consist of the current account, the capital account, and the financial account.

2. These balances are components of the current-account balance.

3. This balance reflects the combined balances on trade in goods and services (exports less imports), income (receipts less payments), and unilateral current transfers (transfers received less transfers made).

4. The net position is the cumulative end-of-year value of outward investment (of U.S.-owned assets abroad) less inward investment (of foreign-owned assets in the United States).

5. Value added is the portion of a firm's output that reflects the firm's production. In these estimates, it is measured as the sum of costs incurred (excluding intermediate inputs) and profits earned in production.

rect and other types of investment.

These illustrative aggregate-level estimates suggest that the effects of capitalizing R&D data on total capital stocks and value added of MNCs would not be inconsequential. Value added is the portion of a firm's output that reflects the production of the firm itself. In these estimates, it is measured as the sum of costs incurred (except for intermediate inputs) and profits

earned in production.

In the MNC operations data, the value added of majority-owned foreign affiliates of U.S. MNCs would rise \$25.9 billion, or 3.1 percent, with R&D capitalization. The value added of majority-owned U.S. affiliates of foreign MNCs would rise \$28.1 billion, or 5.5 percent. For U.S. parent companies, value added would rise \$148.2 billion, or 6.7 percent.

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How R&D Investment Affects GDP and GDI

Treating research and development (R&D) as an investment rather than as an expense in the calculation of gross domestic product (GDP) and gross domestic income (GDI) would result in important changes to both measures (see table below).

Business sector

Currently, business spending on R&D is not included in the calculation of GDP, which is a measure of final demand. Rather, R&D expenditures are considered business expenses, that is, purchases of intermediate inputs that are used in the production process. Shifting business R&D expenditures out of expenses and into investment would lead to an increase in GDP equal to the value of R&D investment.

Recognizing R&D as investment would also affect GDI via two components: Business income and depreciation (consumption of fixed capital).

Because R&D would no longer be considered an expense, it would no longer be deducted from gross business income (corporate profits and proprietors' income). So business income would increase.

Depreciation would also increase because R&D investment adds to the capital stock, which is subject to a decline in value over time. The net effect on business income would be that it increases by the amount of R&D investment less depreciation.

However, because depreciation of the capital stock is also a component of GDI, the depreciation of R&D investment would be added to the total measure of depreciation. So the net effect on GDI would be an increase equal to R&D investment, maintaining the accounting identity between GDP and GDI.

Nonprofits and general government

In these two sectors, R&D expenditures would be reclassified from consumption to investment. Because consumption is already part of GDP, this shift alone would not change the measure of GDP.

However, recognizing R&D spending as investment by nonprofit institutions serving households (household sector) and governments would also require an estimate of the capital services generated by R&D investment. Capital services measure the value of a capital asset's use in production. Conceptually, that value is the amount a producer would be willing to pay to rent the asset for a given period. Because most capital assets are owned by the same entity that uses them, capital services must be estimated indirectly.

In the R&D satellite account, capital services are defined as the sum of depreciation and the net returns on R&D investment. The inclusion in the R&D account of net returns to nonprofits and general government is a departure from BEA's current calculation of GDI, which includes only depreciation, a partial measure of capital services. The BEA R&D account, however, allows for exploratory approaches, and returns on R&D investment seem to have been significant. Also, accounting for net returns is roughly parallel with the treatment in the business sector. In that sector, net returns are assumed to be included in business income.

For nonprofits and government, output is generally not sold at market prices, so the value of output must be measured indirectly, based on the costs or expenses incurred in production. For nonprofits, PCE for services would rise by an amount equal to capital services. Government consumption would rise by the same amount.

Treating R&D as Investment: Effect on GDP and GDI

Sector	Gross domestic product (GDP)			Gross domestic income (GDI)	
	Current treatment in GDP	Adjusted GDP ¹	Change to GDP	Adjusted GDI ²	Change to GDI
Business	Expenses	R&D spending reclassified to investment	Increase equals the value of R&D investment	1. Increase in business income equal to R&D investment less CFC 2. Increase in CFC	Increases by value of R&D investment
Nonprofit institutions serving households (part of the household sector)	PCE	1. R&D spending reclassified to investment 2. PCE for services boosted	1. No change from reclassification 2. PCE services increase equal to capital services (CFC plus net returns)	1. Returns to R&D capital added ³ 2. CFC boosted	Increases by value of capital services (net returns plus depreciation)
General government	Government consumption	1. R&D spending reclassified to investment 2. Government spending on services boosted	1. No change from reclassification 2. Government spending on services increase equal to capital services (CFC plus net returns)	1. Returns to R&D capital added ³ 2. CFC boosted	Increases by value of capital services (net returns plus depreciation)

1. Adjusted GDP incorporates the impact of treating R&D as investment.
2. Adjusted GDI incorporates the impact of treating R&D as investment.
3. Currently, GDI does not include a measure of returns on government or nonprofit investment.

CFC Consumption of fixed capital
PCE Personal consumption expenditures

Sumiye Okubo

The Broader World of Innovation

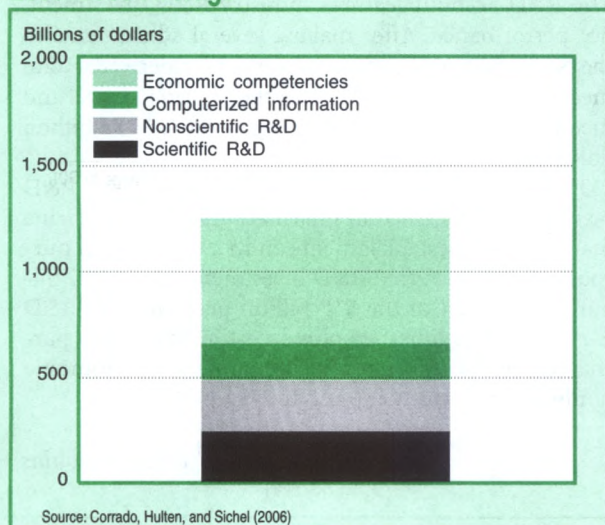
Why an R&D satellite account?

The Bureau of Economic Analysis–National Science Foundation research and development (R&D) satellite account uses the national income and product accounts (NIPA) framework to explore channels through which R&D affects economic growth and to estimate the size of those effects. Such analysis is applicable to the broader world of innovative activity, or in other words, investment in intangible assets. R&D spending was chosen as the subject of the satellite account because (1) experts broadly agree on its definition and (2) authoritative time-series data exist from long-established R&D survey data published by the NSF.¹

The mandate of national economic accounting agencies around the world, including BEA, is to encompass in national accounts all economic activity within a country and to identify the economic interactions among businesses, governments, and households. Measuring investment in intangible assets is challenging. For example, many intangible assets are developed in-house and not bought and sold in markets. And many intangible assets have a “public good” aspect in that (1) some use of the asset can be made by the public without reducing the

1. For example, “National Patterns of R&D Resources: 2004 Data Update, NSF 06–327 (2006) and *Research and Development in Industry: 2003*, NSF 07–314 (2007).

Broad View of Business Intangible Investment, 2000–2003 Average



amount available and (2) some benefits from the use of the asset accrue to entities other than the owner.

On the other hand, intangible capital—or “knowledge” capital—shares key characteristics with tangible capital. Intangible capital is used in production for more than 1 year and generates returns to its owner.

Some intangible investment is included in the GDP at present. For example, expenditures on software have been treated as investment since 1999. The R&D satellite account introduces a new means of including R&D as investment in GDP and provides a framework for eventually adding other innovative activity.

How much innovation is out there?

There is no consensus on the total value of innovative activity in the economy. Research on the subject has intensified in recent years.²

One study, by Carol A. Corrado, Charles R. Hulten, and Daniel E. Sichel,³ found that business investment in intangible assets roughly equals investment in tangible assets and has been growing faster than investment in tangibles in recent years.

The authors take a broad view of intangibles, one that encompasses computerized information (software and databases), innovative property (scientific and nonscientific R&D), and economic competencies (brand equity, such as certain advertising, and firm-specific resources, such as worker training and some management time). They found that scientific R&D, which is what the R&D account mostly measures, accounts for roughly one-fifth of total investment in intangible assets.

The development of a consensus on what comprises investment in intangible assets and the provision of broadly accepted measures of those investment expenditures will provide the groundwork for the addition of more intangible investment in the NIPAs.

2. For more information, see Leonard Nakamura, “Intangibles: What Put the ‘New’ in the New Economy?” *Business Review* (Federal Reserve Bank of Philadelphia, July/August 1999): 3–16; Susanto Basu, John G. Fernald, Nicholas Oulton, and Sylaja Srinivasan. “The Case of the Missing Productivity Growth, or Does Information Technology Explain Why Productivity Accelerated in the United States But Not in the United Kingdom?” in *NBER Macroeconomics Annual 2003*, eds. Mark Gertler and Kenneth Rogoff (Cambridge, MA: MIT Press, 2004): 9–63; and Stephen D. Oliner, Daniel E. Sichel, and Kevin J. Stiroh, “Explaining a Productive Decade,” in *Brookings Papers on Economic Activity 1* (Washington, DC: The Brookings Institution Press, 2007): 81–137.

3. Carol A. Corrado, Charles R. Hulten, and Daniel E. Sichel, “Intangible Capital and Economic Growth” (Finance and Economics Discussion Series, Federal Reserve Board, April 2006).

Rosemary D. Marcuss

Accounting for R&D Performance

Statistical agencies are often confronted with the task of assigning the various economic activities of a particular company to the most appropriate industry—or industries. In some cases, agencies find it appropriate to assign all the activity of a specific company to a single industry. In other cases, agencies find it more appropriate to assign the activity of individual establishments within the company to different industries.

Establishment-based approach

For the research and development (R&D) satellite account, the Bureau of Economic Analysis (BEA) has taken an establishment-based approach. This approach is consistent with BEA's GDP-by-industry accounts, which are frequently used for industry productivity analysis.

According to the establishment-based approach, the R&D activity performed at different establishments within a company are assigned separately. For example, a pharmaceutical company might perform R&D in a unit whose main activity (its primary industry) is manufacturing and in another unit whose main activity is R&D services. The R&D activity from each unit would be allocated to the manufacturing industry and the services industry.

In contrast, the National Science Foundation (NSF), which provides most of the source data for the R&D account, assigns all of a company's R&D activity to one industry, the company's primary industry. For a given company, this activity might include R&D activity performed in an R&D department in a manufacturing plant, at the company headquarters, and in separate R&D labs and subsidiaries.

The NSF's Survey of Industrial R&D (SIRD) does not link R&D expenditures to establishment types. Therefore, BEA adjusts the NSF data to assign R&D activity across all of company's establishments to appropriate industries.

BEA's adjustment process can be illustrated by the pharmaceutical and medicine manufacturing industry. For 2004, SIRD data show that companies classified in pharmaceutical and medicine manufacturing reported \$31.5 billion of domestically performed R&D. A substantial portion of this \$31.5 billion was actually per-

formed in R&D labs and in company headquarters, not in manufacturing units. According to an establishment-based approach, only the R&D performed in the manufacturing units would be counted as part of pharmaceutical and medicine manufacturing industry R&D.

Unpublished data from the Census Bureau were used to approximate the portion of each company's R&D expenditures performed in R&D labs and company headquarters. For 2004, these expenditures were estimated to be about \$18 billion—\$17 billion performed in R&D labs, and \$1 billion performed in company headquarters. This leaves about \$13.5 billion, attributed to pharmaceutical and medicine manufacturing establishments (the primary industry).

To adjust the SIRD data for the industry estimates in the R&D account, the R&D output associated with the \$18 billion spent in labs and at headquarters was re-assigned from pharmaceutical and medicine manufacturing to scientific R&D services and to management of enterprises. While some of the remaining \$13.5 billion may have been performed in other types of establishments that make up the companies in the pharmaceutical and medicine manufacturing industry, BEA did not have a means to separately identify these expenditures. Part of the remaining \$13.5 billion represents the costs for R&D funded by or sold to others, leaving about \$10.9 billion of R&D expenditures for the industry's use as "own-account" R&D investment.

From R&D performance to investment

The R&D account features industry R&D investment, not performance. After making several adjustments to the NSF performance data (table 8), BEA derived a total measure of R&D investment for the pharmaceutical and medicine manufacturing industry in 2004, \$40.6 billion dollars.

This includes the \$10.9 billion in own-account R&D investment performed in pharmaceutical and medicine manufacturing establishments and \$29.7 billion in purchased and transferred R&D investment. This \$29.7 billion includes all of the \$18 billion performed in R&D labs and in headquarters plus an estimate of R&D purchased from other for-profit companies, other domestic nonbusiness performers, and foreign performers.

Carol A. Robbins

Tables 1.1 through 8 follow.

Table 1.1. Real Gross Domestic Product and Real Gross Domestic Product With R&D Treated as Investment, 1959–2004

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	
Millions of chained (2000) dollars												
GDP (from the NIPAs).....	2,441,284	2,501,756	2,559,971	2,715,177	2,833,963	2,998,593	3,191,104	3,399,126	3,484,631	3,652,698	3,765,397	
GDP less the R&D software double-count ¹	2,442,239	2,502,815	2,561,038	2,716,300	2,835,099	2,999,770	3,192,378	3,400,472	3,485,944	3,654,145	3,766,866	
Adjusted GDP, with R&D adjusted by: ²												
Input cost index.....	2,501,062	2,568,459	2,633,224	2,797,162	2,921,026	3,095,387	3,297,779	3,513,732	3,606,023	3,780,383	3,897,265	
Aggregate output price index.....	2,437,579	2,503,997	2,567,992	2,729,596	2,851,631	3,023,531	3,223,289	3,436,977	3,529,539	3,703,659	3,822,565	
Percent increase in GDP (net effect of all adjustments)												
Input cost index.....	2.4	2.7	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.5	3.5	
Aggregate output price index.....	-0.2	0.1	0.3	0.5	0.6	0.8	1.0	1.1	1.3	1.4	1.5	
Percent increase in GDP less the R&D software double-count												
Input cost index.....	2.4	2.6	2.8	3.0	3.0	3.2	3.3	3.3	3.4	3.5	3.5	
Aggregate output price index.....	-0.2	0.0	0.3	0.5	0.6	0.8	1.0	1.1	1.3	1.4	1.5	
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	
Millions of chained (2000) dollars												
GDP (from the NIPAs).....	3,771,876	3,898,613	4,104,966	4,341,456	4,319,565	4,311,220	4,540,937	4,750,529	5,014,999	5,173,444	5,161,664	
GDP less the R&D software double-count ¹	3,773,336	3,900,172	4,106,600	4,343,217	4,321,261	4,312,930	4,542,784	4,752,446	5,016,019	5,173,732	5,161,263	
Adjusted GDP, with R&D adjusted by: ²												
Input cost index.....	3,901,819	4,029,629	4,239,308	4,478,940	4,454,856	4,444,331	4,676,374	4,888,481	5,156,651	5,317,957	5,309,659	
Aggregate output price index.....	3,830,236	3,958,429	4,168,887	4,410,132	4,385,301	4,371,977	4,600,906	4,810,658	5,075,219	5,233,896	5,223,196	
Percent increase in GDP (net effect of all adjustments)												
Input cost index.....	3.4	3.4	3.3	3.2	3.1	3.1	3.0	2.9	2.8	2.8	2.9	
Aggregate output price index.....	1.5	1.5	1.6	1.6	1.5	1.4	1.3	1.3	1.2	1.2	1.2	
Percent increase in GDP less the R&D software double-count												
Input cost index.....	3.4	3.3	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.8	2.9	
Aggregate output price index.....	1.5	1.5	1.5	1.5	1.5	1.4	1.3	1.2	1.2	1.2	1.2	
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Millions of chained (2000) dollars												
GDP (from the NIPAs).....	5,291,739	5,189,250	5,423,777	5,813,609	6,053,732	6,263,619	6,475,076	6,742,687	6,981,436	7,112,492	7,100,516	7,336,614
GDP less the R&D software double-count ¹	5,290,766	5,187,748	5,421,817	5,811,149	6,050,805	6,260,173	6,471,110	6,738,309	6,976,593	7,107,252	7,094,902	7,330,245
Adjusted GDP, with R&D adjusted by: ²												
Input cost index.....	5,445,566	5,347,507	5,590,175	5,993,644	6,242,991	6,458,842	6,673,985	6,950,453	7,197,372	7,331,355	7,327,409	7,565,827
Aggregate output price index.....	5,353,610	5,255,396	5,493,208	5,888,183	6,132,860	6,344,630	6,557,006	6,831,157	7,078,256	7,216,037	7,215,533	7,457,585
Percent increase in GDP (net effect of all adjustments)												
Input cost index.....	2.9	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.1
Aggregate output price index.....	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.5	1.6	1.6
Percent increase in GDP less the R&D software double-count												
Input cost index.....	2.9	3.1	3.1	3.1	3.2	3.2	3.1	3.1	3.2	3.2	3.3	3.2
Aggregate output price index.....	1.2	1.3	1.3	1.3	1.4	1.3	1.3	1.4	1.5	1.5	1.7	1.7
	1993	1994	1995	1996	1997	1998	1999	2000 ³	2001	2002	2003	2004
Millions of chained (2000) dollars												
GDP (from the NIPAs).....	7,532,658	7,835,512	8,031,655	8,328,913	8,703,528	9,066,854	9,470,332	9,816,969	9,890,694	10,048,846	10,301,044	10,675,757
GDP less the R&D software double-count ¹	7,525,989	7,828,279	8,024,121	8,320,824	8,695,061	9,057,534	9,457,550	9,801,890	9,875,404	10,025,177	10,274,635	10,642,304
Adjusted GDP, with R&D adjusted by: ²												
Input cost index.....	7,760,730	8,065,938	8,274,908	8,584,467	8,972,453	9,344,753	9,759,961	10,119,612	10,187,717	10,324,939	10,577,626	10,960,533
Aggregate output price index.....	7,655,425	7,962,079	8,177,483	8,499,378	8,900,611	9,289,327	9,718,520	10,093,913	10,180,317	10,330,918	10,596,792	10,983,691
Percent increase in GDP (net effect of all adjustments)												
Input cost index.....	3.0	2.9	3.0	3.1	3.1	3.1	3.1	3.1	3.0	2.7	2.7	2.6
Aggregate output price index.....	1.6	1.6	1.8	2.0	2.3	2.5	2.6	2.8	2.9	2.8	2.9	2.9
Percent increase in GDP less the R&D software double-count												
Input cost index.....	3.1	3.0	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.0	2.9	2.9
Aggregate output price index.....	1.7	1.7	1.9	2.1	2.4	2.6	2.8	3.0	3.1	3.0	3.1	3.2

GDP Gross domestic product
 NIPAs National income and product accounts
 R&D Research and development
 1. GDP is adjusted to remove the double-count of R&D software investment that is also included in R&D investment.

2. Adjusted GDP incorporates the impact of treating R&D as investment and the removal of the R&D software investment double-count.
 3. The 2000 chained-dollar values do not match the 2000 current-dollar values, because of rounding adjustments.
 NOTE: Percent increase is the adjustment to GDP calculated as a percent of unadjusted GDP from the NIPAs.

Table 1.2. Gross Domestic Product and Gross Domestic Product With R&D Treated as Investment, 1959–2004

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	
	Millions of dollars											
GDP (from the NIPAs).....	506,585	526,398	544,716	585,627	617,740	663,615	719,119	787,788	832,596	909,989	984,602	
GDP less the R&D software double-count ¹	506,585	526,398	544,716	585,627	617,740	663,615	719,119	787,788	832,596	909,989	984,602	
Adjusted GDP (with CFC adjusted by): ²												
Input cost index.....	517,359	538,617	558,517	601,371	634,908	683,266	741,476	812,663	859,985	940,224	1,017,519	
Aggregate output price index.....	517,685	538,917	558,545	601,063	634,760	682,704	740,601	811,667	858,671	938,556	1,015,266	
	Percent increase in GDP (net effect of all adjustments)											
Input cost index.....	2.1	2.3	2.5	2.7	2.8	3.0	3.1	3.2	3.3	3.3	3.3	
Aggregate output price index.....	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.0	3.1	3.1	3.1	
	Percent increase in GDP less the R&D software double-count											
Input cost index.....	2.1	2.3	2.5	2.7	2.8	3.0	3.1	3.2	3.3	3.3	3.3	
Aggregate output price index.....	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.0	3.1	3.1	3.1	
	Millions of dollars											
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	
GDP (from the NIPAs).....	1,038,545	1,127,118	1,238,292	1,382,704	1,499,978	1,638,339	1,825,267	2,030,945	2,294,706	2,563,326	2,789,504	
GDP less the R&D software double-count ¹	1,038,545	1,127,118	1,238,292	1,382,704	1,499,978	1,638,339	1,825,267	2,030,945	2,294,316	2,562,547	2,788,335	
Adjusted GDP (with CFC adjusted by): ²												
Input cost index.....	1,072,889	1,163,779	1,278,013	1,425,603	1,545,899	1,687,851	1,878,510	2,088,812	2,358,056	2,633,181	2,867,895	
Aggregate output price index.....	1,070,456	1,160,958	1,274,151	1,421,438	1,543,337	1,686,720	1,877,544	2,087,663	2,357,266	2,633,128	2,868,947	
	Percent increase in GDP (net effect of all adjustments)											
Input cost index.....	3.3	3.3	3.2	3.1	3.1	3.0	2.9	2.8	2.8	2.7	2.8	
Aggregate output price index.....	3.1	3.0	2.9	2.8	2.9	3.0	2.9	2.8	2.7	2.7	2.8	
	Percent increase in GDP less the R&D software double-count											
Input cost index.....	3.3	3.3	3.2	3.1	3.1	3.0	2.9	2.8	2.8	2.8	2.9	
Aggregate output price index.....	3.1	3.0	2.9	2.8	2.9	3.0	2.9	2.8	2.7	2.8	2.9	
	Millions of dollars											
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
GDP (from the NIPAs).....	3,128,435	3,255,011	3,536,665	3,933,173	4,220,262	4,462,825	4,739,471	5,103,791	5,484,350	5,803,067	5,995,926	6,337,744
GDP less the R&D software double-count ¹	3,126,876	3,253,063	3,534,327	3,930,445	4,217,144	4,459,318	4,735,574	5,099,504	5,479,674	5,798,001	5,990,470	6,331,899
Adjusted GDP (with CFC adjusted by): ²												
Input cost index.....	3,217,480	3,352,465	3,643,399	4,053,154	4,350,508	4,600,719	4,884,158	5,260,354	5,653,478	5,980,228	6,185,058	6,534,314
Aggregate output price index.....	3,220,166	3,355,156	3,645,737	4,055,856	4,352,910	4,602,674	4,885,954	5,261,742	5,653,309	5,977,299	6,181,291	6,528,096
	Percent increase in GDP (net effect of all adjustments)											
Input cost index.....	2.8	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.1
Aggregate output price index.....	2.9	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.1
	Percent increase in GDP less the R&D software double-count											
Input cost index.....	2.9	3.1	3.1	3.1	3.2	3.2	3.1	3.2	3.2	3.2	3.1	3.2
Aggregate output price index.....	3.0	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1
	Millions of dollars											
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
GDP (from the NIPAs).....	6,657,408	7,072,228	7,397,651	7,816,860	8,304,344	8,746,997	9,268,412	9,816,973	10,127,976	10,469,603	10,960,770	11,685,901
GDP less the R&D software double-count ¹	6,651,173	7,065,603	7,390,636	7,809,456	8,296,550	8,738,459	9,256,141	9,801,894	10,112,436	10,445,589	10,933,638	11,651,273
Adjusted GDP (with CFC adjusted by): ²												
Input cost index.....	6,857,410	7,278,328	7,618,604	8,053,460	8,558,150	9,012,730	9,549,383	10,119,616	10,432,270	10,760,482	11,261,745	11,997,274
Aggregate output price index.....	6,850,006	7,269,522	7,606,561	8,036,898	8,537,380	8,988,772	9,524,392	10,093,917	10,405,828	10,734,206	11,234,899	11,969,373
	Percent increase in GDP (net effect of all adjustments)											
Input cost index.....	3.0	2.9	3.0	3.0	3.1	3.0	3.0	3.1	3.0	2.8	2.7	2.7
Aggregate output price index.....	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.5	2.5	2.4
	Percent increase in GDP less the R&D software double-count											
Input cost index.....	3.1	3.0	3.1	3.1	3.2	3.1	3.2	3.2	3.2	3.0	3.0	3.0
Aggregate output price index.....	3.0	2.9	2.9	2.9	2.9	2.9	2.9	3.0	2.9	2.8	2.8	2.7

CFC Consumption of fixed capital
 GDP Gross domestic product
 NIPAs National income and product accounts
 R&D Research and development

1. GDP is adjusted to remove the double-count of R&D software that is also included in R&D investment.

2. Adjusted GDP incorporates the impact of treating R&D as investment and the removal of the R&D software investment double-count. Differences based on price indexes are due to the effect of the price indexes on current-cost depreciation.

Notes. Percent increase is the adjustment to GDP calculated as a percent of unadjusted GDP from the NIPAs.

Table 1.3. Gross Domestic Income and Gross Domestic Income With R&D Treated as Investment, 1959–2004

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	
	Millions of dollars											
GDI (from the NIPAs)	506,124	527,327	545,266	585,269	618,511	662,767	717,529	781,511	827,959	905,435	981,437	
Adjusted GDI: ¹												
Input cost index.....	516,898	539,546	559,067	601,014	635,679	682,418	739,886	806,386	855,348	935,670	1,014,354	
Aggregate output price index.....	517,224	539,846	559,095	600,705	635,531	681,856	739,011	805,390	854,034	934,002	1,012,101	
	Percent increase in GDI											
Input cost index.....	2.1	2.3	2.5	2.7	2.8	3.0	3.1	3.2	3.3	3.3	3.4	
Aggregate output price index.....	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.1	3.2	3.1	
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	
	Millions of dollars											
GDI (from the NIPAs)	1,031,241	1,115,515	1,229,172	1,374,059	1,489,124	1,620,627	1,800,138	2,008,651	2,268,128	2,517,280	2,748,069	
Adjusted GDI: ¹												
Input cost index.....	1,065,585	1,152,176	1,268,893	1,416,958	1,535,045	1,670,139	1,853,381	2,066,518	2,331,478	2,587,135	2,826,460	
Aggregate output price index.....	1,063,152	1,149,355	1,265,031	1,412,793	1,532,483	1,669,008	1,852,415	2,065,369	2,330,688	2,587,082	2,827,512	
	Percent increase in GDI											
Input cost index.....	3.3	3.3	3.2	3.1	3.1	3.1	3.0	2.9	2.8	2.8	2.9	
Aggregate output price index.....	3.1	3.0	2.9	2.8	2.9	3.0	2.9	2.8	2.8	2.8	2.9	
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
	Millions of dollars											
GDI (from the NIPAs)	3,097,506	3,254,706	3,490,932	3,918,582	4,203,578	4,415,834	4,717,795	5,123,316	5,444,689	5,736,843	5,923,410	6,234,996
Adjusted GDI: ¹												
Input cost index.....	3,186,553	3,352,160	3,597,666	4,038,563	4,333,824	4,553,728	4,862,481	5,279,878	5,613,817	5,914,004	6,112,542	6,431,565
Aggregate output price index.....	3,189,239	3,354,851	3,600,004	4,041,265	4,336,226	4,555,683	4,864,278	5,281,267	5,613,648	5,911,075	6,108,775	6,425,348
	Percent increase in GDI											
Input cost index.....	2.9	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2
Aggregate output price index.....	3.0	3.1	3.1	3.1	3.2	3.2	3.1	3.1	3.1	3.0	3.1	3.1
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
	Millions of dollars											
GDI (from the NIPAs)	6,517,867	6,929,731	7,296,466	7,723,173	8,233,690	8,761,644	9,304,137	9,944,136	10,217,619	10,490,593	10,912,018	11,666,756
Adjusted GDI: ¹												
Input cost index.....	6,717,869	7,135,831	7,517,419	7,959,773	8,487,496	9,027,377	9,585,108	10,246,779	10,521,913	10,781,472	11,212,993	11,978,129
Aggregate output price index.....	6,710,465	7,127,025	7,505,376	7,943,211	8,466,726	9,003,419	9,560,117	10,221,080	10,495,471	10,755,196	11,186,147	11,950,228
	Percent increase in GDI											
Input cost index.....	3.1	3.0	3.0	3.1	3.1	3.0	3.0	3.0	3.0	2.8	2.8	2.7
Aggregate output price index.....	3.0	2.8	2.9	2.8	2.8	2.8	2.8	2.8	2.7	2.5	2.5	2.4

GDI Gross domestic income
 NIPAs National income and product accounts
 R&D Research and development

1. Adjusted GDI incorporates the impact of treating R&D as investment and the removal of the R&D software investment double-count.
 Note: Percent increase is the adjustment, calculated as a percent of unadjusted GDI from the NIPAs.

Table 1.4. National Saving and National Saving With R&D Treated as Investment as a Percent of Adjusted Gross National Income, 1959–2004

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	
	Percent of gross national income											
National saving	20.9	21.0	20.8	21.2	21.4	21.5	21.9	21.5	20.5	20.0	20.1	
	Percent of adjusted gross national income											
Adjusted national saving: ¹ Aggregate output price index	23.1	23.3	23.2	23.5	23.8	23.9	24.3	23.8	22.8	22.3	22.3	
	Percent of gross national income											
National saving	18.6	18.6	19.2	21.1	20.0	18.2	18.8	19.6	20.9	21.1	19.8	
	Percent of adjusted gross national income											
Adjusted national saving: ¹ Aggregate output price index	20.7	20.6	21.1	22.9	21.8	20.0	20.6	21.3	22.6	22.8	21.6	
	Percent of gross national income											
National saving	20.9	19.1	17.3	19.6	18.1	16.5	16.8	17.8	17.3	16.3	16.2	15.1
	Percent of adjusted gross national income											
Adjusted national saving: ¹ Aggregate output price index	22.8	21.2	19.4	21.7	20.4	18.9	19.2	20.0	19.5	18.5	18.5	17.4
	Percent of gross national income											
National saving	14.7	15.4	16.2	16.6	17.7	18.2	17.9	17.7	16.2	14.2	13.3	13.8
	Percent of adjusted gross national income											
Adjusted national saving: ¹ Aggregate output price index	16.8	17.4	18.2	18.7	19.8	20.3	20.0	19.8	18.3	16.2	15.4	15.8

R&D Research and development

1. Adjusted national saving incorporates the impact of treating R&D as investment and the removal of the

R&D software investment double-count.

NOTE: Slight differences in the saving rate are due to the effect of the alternate price indexes on current-cost depreciation.

Table 1.5. Aggregate Returns to R&D Assets, 1959–2004

(Millions of dollars)

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	
Nonprofit institutions serving households:												
Net returns	39	39	43	50	58	67	79	89	95	106	111	
Depreciation	93	99	107	118	130	144	160	179	202	226	249	
Government:												
Net returns	2,004	2,207	2,519	3,001	3,443	4,080	4,816	5,344	5,555	6,060	6,144	
Depreciation	4,780	5,535	6,289	7,019	7,799	8,741	9,708	10,722	11,840	12,894	13,828	
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	
Nonprofit institutions serving households:												
Net returns	110	126	139	153	164	192	215	247	280	303	329	
Depreciation	278	310	336	363	430	512	560	618	691	789	923	
Government:												
Net returns	5,861	6,407	6,809	7,226	7,500	8,470	9,136	10,091	10,987	11,424	11,982	
Depreciation	14,846	15,790	16,448	17,195	19,725	22,605	23,785	25,211	27,075	29,736	33,626	
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Nonprofit institutions serving households:												
Net returns	404	422	484	593	635	662	728	828	899	943	994	1,077
Depreciation	1,076	1,200	1,300	1,415	1,526	1,651	1,795	1,967	2,166	2,356	2,597	2,805
Government:												
Net returns	14,270	14,512	16,234	19,499	20,599	21,095	22,620	24,806	25,579	25,338	25,118	25,445
Depreciation	38,049	41,241	43,555	46,523	49,472	52,582	55,744	58,919	61,614	63,316	65,617	66,282
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Nonprofit institutions serving households:												
Net returns	1,181	1,312	1,414	1,509	1,623	1,650	1,728	1,821	1,788	1,929	2,184	2,436
Depreciation	3,029	3,240	3,371	3,436	3,549	3,671	3,892	4,200	4,471	4,848	5,260	5,681
Government:												
Net returns	26,150	27,395	28,073	28,568	29,229	28,226	28,042	27,957	26,097	27,014	29,710	32,735
Depreciation	67,075	67,661	66,928	65,049	63,928	62,790	63,163	64,483	65,247	67,907	71,565	76,351

R&D Research and development

NOTE: Aggregate returns are shown as current-cost values. Current-cost depreciation is estimated using the aggregate output price index.

Table 2.1. Investment in R&D by Type of Funder, 1959–2004

[Millions of dollars]

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Total R&D investment	13,901	15,261	16,097	17,220	19,233	20,939	22,258	24,364	25,763	27,202	28,350
Private	4,319	4,781	5,040	5,447	5,808	6,281	6,982	7,840	8,706	9,629	10,695
Business	4,185	4,639	4,872	5,248	5,590	6,056	6,719	7,546	8,383	9,282	10,331
Chemical (NAICS 325)	781	845	919	980	1,047	1,148	1,249	1,329	1,356	1,526	1,635
Transportation (NAICS 336)	1,031	1,081	1,151	1,223	1,305	1,358	1,585	1,828	2,229	2,363	2,639
Computer and electronic (NAICS 334)	896	1,072	1,114	1,201	1,271	1,382	1,525	1,790	2,011	2,241	2,529
All other for-profit ¹	1,477	1,641	1,688	1,844	1,967	2,168	2,360	2,599	2,788	3,152	3,527
Universities and colleges	16	18	19	21	22	28	38	46	52	56	59
Other nonprofit institutions serving households	118	124	149	179	196	196	224	247	271	291	305
Government	9,582	10,480	11,057	11,772	13,424	14,658	15,277	16,524	17,057	17,573	17,655
Federal Government extramural	7,748	8,468	8,856	9,357	10,690	11,524	11,821	12,798	13,114	13,522	13,420
Federal Government intramural	1,677	1,838	2,009	2,201	2,497	2,870	3,166	3,394	3,570	3,630	3,755
State and local government ²	114	126	139	153	166	182	196	218	230	260	308
Universities and colleges	44	48	54	61	71	82	94	114	144	161	172

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total R&D investment	28,565	29,383	31,389	33,816	36,490	39,070	43,112	47,243	53,194	61,257	70,759
Private	11,222	11,642	12,587	14,273	16,080	17,223	19,279	21,334	24,817	29,358	34,912
Business	10,816	11,207	12,127	13,797	15,540	16,602	18,580	20,551	23,917	28,329	33,753
Chemical (NAICS 325)	1,675	1,734	1,830	2,014	2,369	2,653	2,932	3,089	3,515	4,068	4,722
Transportation (NAICS 336)	2,619	2,607	2,805	3,377	3,623	3,569	4,115	4,769	5,693	6,666	7,706
Computer and electronic (NAICS 334)	2,689	2,855	3,144	3,466	3,827	4,048	4,528	4,875	5,850	7,192	8,735
All other for-profit ¹	3,833	4,012	4,347	4,940	5,722	6,332	7,006	7,818	8,860	10,402	12,589
Universities and colleges	64	70	70	68	74	82	90	108	134	156	175
Other nonprofit institutions serving households	342	365	390	408	465	539	609	674	766	874	984
Government	17,343	17,741	18,802	19,543	20,411	21,847	23,833	25,909	28,377	31,899	35,847
Federal Government extramural	12,739	12,701	13,337	13,723	14,178	15,165	16,810	18,527	20,368	23,128	26,062
Federal Government intramural	4,070	4,440	4,805	5,077	5,401	5,764	6,018	6,254	6,704	7,302	8,120
State and local government ²	341	381	418	466	508	563	609	662	752	829	907
Universities and colleges	193	219	242	277	323	355	396	467	553	640	758

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Total R&D investment	81,227	90,252	99,948	113,419	127,180	134,325	142,004	150,628	159,448	165,349	173,939	177,910
Private	40,826	46,205	51,467	59,172	65,543	69,642	72,032	78,681	86,694	90,932	100,474	104,838
Business	39,491	44,719	49,838	57,381	63,533	67,367	69,494	75,718	83,376	87,345	96,495	100,589
Chemical (NAICS 325)	5,519	6,910	7,592	8,635	9,256	9,739	10,633	12,074	13,118	14,410	15,777	16,603
Transportation (NAICS 336)	8,467	9,613	10,050	11,616	13,468	15,250	15,965	16,400	16,987	16,331	16,938	18,804
Computer and electronic (NAICS 334)	10,664	11,250	13,384	14,788	15,474	16,320	14,527	15,062	15,170	14,993	15,159	16,154
All other for-profit ¹	14,841	16,946	18,813	22,341	25,336	26,058	28,367	32,182	38,102	41,611	48,620	49,028
Universities and colleges	203	231	242	269	305	342	384	428	479	546	618	632
Other nonprofit institutions serving households	1,132	1,255	1,387	1,522	1,704	1,933	2,155	2,535	2,838	3,041	3,361	3,617
Government	40,401	44,047	48,481	54,247	61,637	64,683	69,972	71,947	72,754	74,417	73,465	73,072
Federal Government extramural	29,716	32,646	35,945	40,341	46,157	47,704	52,862	53,804	53,310	54,016	52,884	52,023
Federal Government intramural	8,798	9,325	10,270	11,421	12,647	13,742	13,536	14,220	15,132	15,690	15,574	15,906
State and local government ²	1,008	1,067	1,121	1,218	1,379	1,550	1,687	1,818	1,928	2,048	2,136	2,169
Universities and colleges	878	1,008	1,144	1,267	1,451	1,687	1,887	2,105	2,384	2,663	2,871	2,973

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total R&D investment	178,553	182,305	195,897	209,404	225,047	238,301	256,490	279,104	287,448	285,277	299,562	316,597
Private	105,865	108,906	120,888	133,896	147,891	159,757	177,558	200,189	202,812	194,526	200,506	209,040
Business	101,398	104,311	116,139	128,880	142,502	153,976	171,426	193,562	195,789	186,919	192,542	200,897
Chemical (NAICS 325)	18,180	18,403	19,559	20,162	21,615	24,243	26,924	31,148	32,430	34,273	41,555	48,911
Transportation (NAICS 336)	18,835	19,848	21,501	23,035	22,454	21,389	24,794	24,312	22,050	22,510	27,204	27,553
Computer and electronic (NAICS 334)	16,137	18,120	22,327	25,962	30,669	32,858	32,231	42,417	46,289	44,170	42,979	41,557
All other for-profit ¹	48,246	47,941	52,752	59,721	67,763	75,486	87,478	95,686	95,020	85,966	80,804	82,876
Universities and colleges	630	653	709	782	797	810	883	980	1,068	1,197	1,317	1,419
Other nonprofit institutions serving households	3,837	3,941	4,039	4,234	4,592	4,971	5,249	5,648	5,954	6,410	6,647	6,724
Government	72,687	73,400	75,009	75,509	77,156	78,544	78,932	78,915	84,637	90,752	99,056	107,557
Federal Government extramural	50,923	51,298	52,772	52,912	53,617	54,498	54,206	52,832	56,091	59,905	65,540	71,384
Federal Government intramural	16,468	16,561	16,438	16,366	16,749	16,812	16,879	17,452	19,167	20,754	22,954	25,231
State and local government ²	2,180	2,226	2,361	2,512	2,635	2,736	2,930	3,151	3,353	3,592	3,831	4,025
Universities and colleges	3,115	3,315	3,438	3,718	4,155	4,499	4,918	5,479	6,025	6,501	6,731	6,918

NAICS North American Industry Classification System

R&D Research and development

1. "All other for-profit" represents all for-profit business R&D excluding the three industries above.

2. Excludes universities and colleges.

Table 2.2. Real Investment in R&D by Type of Funder, 1959–2004
 (Millions of chained (2000) dollars)

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Total R&D investment	34,667	38,322	40,652	43,759	49,284	53,616	56,772	61,590	63,846	66,057	67,597
Private	10,771	12,005	12,727	13,842	14,884	16,083	17,807	19,818	21,575	23,383	25,501
Business	10,436	11,649	12,303	13,336	14,324	15,508	17,138	19,076	20,775	22,540	24,633
Chemical (NAICS 325)	1,947	2,123	2,322	2,490	2,683	2,940	3,186	3,360	3,360	3,705	3,899
Transportation (NAICS 336)	2,570	2,715	2,907	3,108	3,343	3,478	4,042	4,621	5,523	5,739	6,293
Computer and electronic (NAICS 334)	2,235	2,691	2,812	3,052	3,258	3,540	3,890	4,526	4,984	5,441	6,031
All other for-profit ¹	3,684	4,120	4,262	4,686	5,040	5,550	6,020	6,569	6,909	7,655	8,410
Universities and colleges	40	44	48	52	57	72	98	117	128	136	141
Other nonprofit institutions serving households	295	312	375	454	503	503	571	625	671	707	727
Government	23,897	26,317	27,925	29,916	34,400	37,533	38,965	41,772	42,271	42,674	42,096
Federal Government extramural	19,322	21,264	22,366	23,778	27,392	29,508	30,152	32,353	32,499	32,836	31,999
Federal Government intramural	4,182	4,615	5,073	5,594	6,400	7,349	8,074	8,580	8,847	8,816	8,954
State and local government ²	283	317	351	388	425	466	499	551	569	631	734
Universities and colleges	109	121	136	156	182	211	239	288	356	391	409

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total R&D investment	65,760	65,119	68,243	71,937	68,614	64,111	67,060	69,498	73,315	77,630	80,196
Private	25,835	25,801	27,365	30,364	30,235	28,262	29,988	31,383	34,204	37,205	39,568
Business	24,901	24,837	26,365	29,350	29,222	27,243	28,902	30,232	32,964	35,901	38,255
Chemical (NAICS 325)	3,856	3,842	3,979	4,285	4,455	4,353	4,560	4,544	4,844	5,156	5,352
Transportation (NAICS 336)	6,029	5,777	6,098	7,183	6,812	5,857	6,402	7,016	7,846	8,447	8,734
Computer and electronic (NAICS 334)	6,191	6,327	6,836	7,373	7,196	6,642	7,043	7,172	8,062	9,115	9,900
All other for-profit ¹	8,825	8,891	9,451	10,509	10,759	10,390	10,897	11,500	12,211	13,183	14,268
Universities and colleges	147	155	152	146	139	134	140	159	184	197	198
Other nonprofit institutions serving households	787	808	848	868	875	885	947	992	1,056	1,107	1,115
Government	39,925	39,318	40,878	41,574	38,379	35,850	37,072	38,115	39,111	40,424	40,628
Federal Government extramural	29,326	28,149	28,996	29,193	26,660	24,885	26,148	27,254	28,073	29,310	29,538
Federal Government intramural	9,369	9,840	10,447	10,801	10,156	9,458	9,361	9,200	9,239	9,253	9,203
State and local government ²	784	844	909	992	956	924	947	974	1,037	1,051	1,028
Universities and colleges	445	485	525	588	607	583	616	687	763	811	859

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Total R&D investment	82,205	85,162	90,624	98,488	107,390	110,914	115,049	120,000	125,487	130,343	135,500	139,695
Private	41,318	43,599	46,666	51,382	55,344	57,505	58,359	62,682	68,229	71,681	78,270	82,319
Business	39,967	42,197	45,189	49,827	53,648	55,626	56,303	60,321	65,618	68,853	75,170	78,982
Chemical (NAICS 325)	5,586	6,520	6,883	7,499	7,815	8,041	8,617	9,619	10,324	11,359	12,291	13,037
Transportation (NAICS 336)	8,569	9,071	9,112	10,087	11,372	12,592	12,934	13,066	13,369	12,873	13,195	14,765
Computer and electronic (NAICS 334)	10,792	10,615	12,135	12,842	13,066	13,476	11,770	11,999	11,939	11,819	11,809	12,684
All other for-profit ¹	15,019	15,991	17,058	19,400	21,394	21,516	22,982	25,638	29,986	32,802	37,875	38,497
Universities and colleges	205	218	220	234	257	282	311	341	377	431	481	496
Other nonprofit institutions serving households	1,146	1,185	1,257	1,321	1,439	1,596	1,746	2,020	2,234	2,397	2,619	2,840
Government	40,887	41,563	43,958	47,106	52,046	53,410	56,690	57,317	57,258	58,662	57,230	57,376
Federal Government extramural	30,074	30,805	32,592	35,030	38,976	39,390	42,828	42,864	41,955	42,580	41,197	40,849
Federal Government intramural	8,904	8,800	9,312	9,917	10,679	11,347	10,966	11,328	11,909	12,368	12,133	12,490
State and local government ²	1,020	1,007	1,017	1,058	1,165	1,280	1,367	1,448	1,517	1,615	1,664	1,703
Universities and colleges	889	951	1,037	1,101	1,226	1,393	1,529	1,677	1,876	2,099	2,236	2,334

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total R&D investment	140,647	144,318	159,414	179,384	202,112	226,150	252,000	279,104	296,378	297,545	314,354	332,107
Private	83,391	86,213	98,374	114,700	132,819	151,611	174,450	200,189	209,112	202,891	210,407	219,281
Business	79,872	82,576	94,510	110,404	127,979	146,125	168,425	193,562	201,871	194,957	202,050	210,739
Chemical (NAICS 325)	14,321	14,568	15,917	17,272	19,412	23,007	26,452	31,148	33,437	35,746	43,607	51,307
Transportation (NAICS 336)	14,837	15,712	17,497	19,733	20,166	20,298	24,360	24,312	22,735	25,478	28,547	28,903
Computer and electronic (NAICS 334)	12,711	14,344	18,169	22,240	27,543	31,183	31,667	42,417	47,727	46,070	45,102	43,592
All other for-profit ¹	38,004	37,951	42,928	51,160	60,857	71,637	85,947	95,686	97,972	89,663	84,794	86,936
Universities and colleges	496	517	577	670	716	769	867	980	1,101	1,249	1,382	1,488
Other nonprofit institutions serving households	3,023	3,120	3,287	3,627	4,124	4,717	5,157	5,648	6,139	6,685	6,975	7,054
Government	57,256	58,105	61,040	64,684	69,293	74,539	77,550	78,915	87,266	94,654	103,947	112,826
Federal Government extramural	40,112	40,609	42,944	45,327	48,153	51,719	53,257	52,832	57,834	62,482	68,776	74,881
Federal Government intramural	12,972	13,110	13,377	14,020	15,042	15,955	16,583	17,452	19,763	21,647	24,088	26,467
State and local government ²	1,717	1,762	1,921	2,152	2,367	2,597	2,878	3,151	3,457	3,746	4,020	4,222
Universities and colleges	2,454	2,624	2,798	3,185	3,732	4,269	4,832	5,479	6,212	6,780	7,063	7,257

NAICS North American Industry Classification System
 R&D Research and development
 1. "All other for-profit" represents all for-profit business R&D excluding the three industries above.
 2. Excludes universities and colleges.

Table 2.3. Current-Cost Net Stock of R&D by Type of Funder, 1959–2003

[Millions of dollars]

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Total R&D net stock	51,413	57,474	63,379	69,318	76,471	84,538	92,981	102,922	113,297	123,518	134,462
Private	19,646	20,975	22,343	23,846	25,544	27,564	30,047	33,212	36,901	40,912	45,717
Business	19,055	20,346	21,656	23,084	24,696	26,633	29,007	32,041	35,584	39,446	44,095
Chemical (NAICS 325)	3,848	4,200	4,582	4,970	5,397	5,901	6,471	7,112	7,753	8,489	9,334
Transportation (NAICS 336)	4,076	4,303	4,551	4,813	5,120	5,446	5,943	6,625	7,591	8,516	9,618
Computer and electronic (NAICS 334)	3,535	3,914	4,267	4,635	5,022	5,474	6,006	6,747	7,612	8,555	9,699
All other for-profit ¹	7,596	7,930	8,256	8,665	9,158	9,811	10,586	11,557	12,628	13,886	15,444
Universities and colleges	112	111	111	113	116	125	142	166	193	219	247
Other nonprofit institutions serving households	479	519	576	650	732	806	897	1,005	1,125	1,246	1,375
Government	31,767	36,499	41,036	45,472	50,927	56,974	62,934	69,710	76,396	82,606	88,745
Federal Government extramural	23,629	27,770	31,630	35,309	39,791	44,582	49,122	54,318	59,363	64,064	68,569
Federal Government intramural	7,415	7,959	8,577	9,265	10,157	11,313	12,619	14,054	15,524	16,842	18,240
State and local government ²	483	524	571	623	681	749	823	913	1,006	1,115	1,263
Universities and colleges	240	247	258	274	298	330	370	425	503	586	673

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total R&D net stock	145,398	154,499	163,286	182,717	212,955	235,580	252,340	272,880	301,134	342,196	394,530
Private	50,800	55,199	59,551	68,464	82,077	92,744	101,430	111,815	126,181	146,484	173,566
Business	48,987	53,208	57,393	66,018	79,174	89,446	97,804	107,793	121,627	141,566	167,408
Chemical (NAICS 325)	10,230	11,022	11,761	13,304	15,890	18,094	19,858	21,796	24,375	28,010	32,628
Transportation (NAICS 336)	10,610	11,346	12,077	13,943	16,560	18,238	19,648	21,604	24,501	28,595	33,672
Computer and electronic (NAICS 334)	10,916	12,023	13,164	15,230	18,253	20,540	22,388	24,486	27,639	32,456	38,822
All other for-profit ¹	17,231	18,817	20,391	23,541	28,471	32,573	35,909	39,905	45,112	52,505	62,286
Universities and colleges	278	308	333	372	434	482	518	572	653	765	899
Other nonprofit institutions serving households	1,535	1,683	1,825	2,073	2,469	2,816	3,107	3,451	3,901	4,515	5,260
Government	94,597	99,300	103,736	114,253	130,878	142,836	150,910	161,065	174,953	195,351	220,964
Federal Government extramural	72,467	75,239	77,750	84,721	96,099	104,047	109,404	116,521	126,413	141,229	159,890
Federal Government intramural	19,919	21,567	23,205	26,254	30,780	34,187	36,418	38,870	42,082	46,625	52,311
State and local government ²	1,435	1,611	1,788	2,097	2,535	2,900	3,182	3,507	3,939	4,507	5,176
Universities and colleges	776	883	992	1,181	1,464	1,703	1,906	2,167	2,520	2,990	3,588

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total R&D net stock	444,611	483,830	522,740	566,271	612,019	655,921	699,429	742,756	781,487	821,096	859,282
Private	200,246	222,905	245,700	271,396	297,335	322,450	345,586	370,640	396,276	422,738	452,328
Business	193,236	215,209	237,341	262,354	287,574	311,855	334,050	357,933	382,352	407,504	435,687
Chemical (NAICS 325)	37,198	41,625	45,952	50,650	55,071	59,328	63,891	69,173	74,276	80,143	86,318
Transportation (NAICS 336)	38,215	42,019	45,266	49,178	53,747	59,003	63,908	68,185	71,652	74,006	76,157
Computer and electronic (NAICS 334)	45,631	50,769	56,743	62,852	68,175	73,232	75,695	78,032	79,407	80,484	81,190
All other for-profit ¹	72,191	80,796	89,380	99,674	110,581	120,291	130,555	142,543	157,016	172,870	192,022
Universities and colleges	1,031	1,143	1,242	1,346	1,459	1,585	1,730	1,890	2,058	2,266	2,500
Other nonprofit institutions serving households	5,980	6,553	7,117	7,696	8,302	9,010	9,807	10,817	11,866	12,968	14,141
Government	244,365	260,925	277,040	294,875	314,683	333,471	353,843	372,116	385,211	398,357	406,953
Federal Government extramural	177,285	189,950	202,298	216,005	231,458	245,397	261,667	275,738	284,886	293,660	298,824
Federal Government intramural	57,116	60,072	62,939	66,144	69,484	73,128	75,908	78,698	81,232	84,002	85,891
State and local government ²	5,783	6,199	6,553	6,913	7,316	7,796	8,320	8,867	9,359	9,902	10,401
Universities and colleges	4,181	4,704	5,250	5,813	6,424	7,150	7,947	8,813	9,734	10,794	11,838

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total R&D net stock	890,525	918,655	934,842	940,967	950,780	970,693	1,005,582	1,068,088	1,141,045	1,214,592	1,287,317	1,369,511
Private	479,048	503,252	520,446	534,634	553,794	580,610	617,231	674,178	742,281	804,896	858,441	914,367
Business	461,058	483,900	500,069	513,698	532,323	558,417	593,943	649,275	715,578	776,216	827,262	880,572
Chemical (NAICS 325)	92,062	98,740	103,622	106,697	109,001	112,057	117,848	127,384	139,669	152,175	166,536	187,070
Transportation (NAICS 336)	79,187	81,767	83,789	85,140	86,931	87,618	87,808	92,500	95,838	96,893	99,177	105,852
Computer and electronic (NAICS 334)	82,215	83,139	84,706	87,981	93,197	101,327	110,507	119,193	135,492	152,996	167,033	178,514
All other for-profit ¹	207,593	220,254	227,952	233,880	243,193	257,416	277,780	310,198	344,579	374,152	394,515	409,136
Universities and colleges	2,696	2,864	2,991	3,084	3,202	3,303	3,421	3,642	3,914	4,240	4,676	5,182
Other nonprofit institutions serving households	15,294	16,488	17,386	17,853	18,270	18,889	19,867	21,262	22,788	24,441	26,503	28,613
Government	411,477	415,403	414,396	406,333	396,986	390,083	388,351	393,910	398,764	409,696	428,876	455,145
Federal Government extramural	300,637	301,490	298,958	291,931	284,007	277,846	275,134	277,499	278,402	283,276	293,916	309,749
Federal Government intramural	87,292	89,093	89,624	88,074	86,408	84,574	84,001	85,025	86,454	89,576	94,611	101,426
State and local government ²	10,795	11,151	11,357	11,411	11,502	11,662	11,963	12,591	13,319	14,168	15,249	16,469
Universities and colleges	12,752	13,670	14,458	14,917	15,429	16,202	17,254	18,795	20,588	22,675	25,100	27,501

NAICS North American Industry Classification System

R&D Research and development

1. "All other for-profit" represents all for-profit business net stock of R&D excluding the three industries above.

2. Excludes universities and colleges.

Table 2.4. Real Net Stock of R&D by Type of Funder, 1959–2004

[Millions of chained (2000) dollars]

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Total R&D net stock	128,655	144,733	160,558	176,888	195,883	216,042	236,100	257,595	277,922	297,205	314,984
Private	49,162	52,820	56,602	60,852	65,433	70,441	76,296	83,123	90,520	98,440	107,095
Business	47,684	51,235	54,862	58,905	63,260	68,062	73,656	80,192	87,289	94,914	103,295
Chemical (NAICS 325)	9,629	10,576	11,607	12,683	13,824	15,081	16,433	17,800	19,017	20,427	21,864
Transportation (NAICS 336)	10,200	10,835	11,530	12,283	13,114	13,919	15,092	16,580	18,621	20,492	22,530
Computer and electronic (NAICS 334)	8,846	9,856	10,810	11,827	12,864	13,989	15,250	16,887	18,673	20,584	22,721
All other for-profit ¹	19,009	19,968	20,915	22,112	23,458	25,073	26,881	28,925	30,977	33,411	36,179
Universities and colleges	279	278	281	287	297	319	362	416	472	527	579
Other nonprofit institutions serving households	1,198	1,307	1,458	1,659	1,876	2,060	2,279	2,515	2,759	2,999	3,222
Government	79,494	91,912	103,956	116,036	130,450	145,601	159,803	174,472	187,402	198,765	207,889
Federal Government extramural	59,130	69,930	80,128	90,104	101,926	113,932	124,733	135,949	145,618	154,149	160,626
Federal Government intramural	18,556	20,041	21,727	23,643	26,016	28,912	32,043	35,174	38,081	40,524	42,727
State and local government ²	1,208	1,321	1,447	1,589	1,744	1,914	2,089	2,285	2,468	2,682	2,958
Universities and colleges	599	621	653	700	763	844	938	1,064	1,234	1,410	1,577

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total R&D net stock	328,363	339,121	351,139	364,741	373,203	376,238	381,565	388,350	397,629	409,469	421,864
Private	114,726	121,161	128,061	136,669	143,840	148,119	153,373	159,130	166,614	175,714	185,591
Business	110,632	116,790	123,420	131,786	138,753	142,852	147,891	153,405	160,601	169,396	179,006
Chemical (NAICS 325)	23,103	24,192	25,291	26,558	27,847	28,898	30,028	31,019	32,185	33,517	34,888
Transportation (NAICS 336)	23,961	24,905	25,971	27,833	29,022	29,128	29,710	30,747	32,352	34,216	36,005
Computer and electronic (NAICS 334)	24,653	26,390	28,308	30,402	31,988	32,804	33,854	34,848	36,495	38,837	41,512
All other for-profit ¹	38,915	41,302	43,849	46,993	49,895	52,022	54,299	56,792	59,568	62,877	66,601
Universities and colleges	628	677	716	743	760	770	784	814	862	915	961
Other nonprofit institutions serving households	3,467	3,694	3,925	4,139	4,327	4,497	4,698	4,911	5,151	5,403	5,624
Government	213,636	217,960	223,078	228,072	229,362	228,119	228,193	229,220	231,015	233,755	236,273
Federal Government extramural	163,659	165,148	167,197	169,121	168,413	166,170	165,431	165,827	166,920	168,994	170,967
Federal Government intramural	44,985	47,339	49,902	52,408	53,941	54,599	55,068	55,318	55,568	55,791	55,935
State and local government ²	3,240	3,535	3,846	4,186	4,443	4,631	4,812	4,991	5,201	5,393	5,535
Universities and colleges	1,753	1,939	2,134	2,358	2,565	2,720	2,882	3,084	3,327	3,578	3,836

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Total R&D net stock	434,219	447,440	463,731	484,846	511,007	536,462	561,898	588,120	615,538	643,429	672,038	700,355
Private	195,566	206,140	217,965	232,371	248,261	263,724	277,633	293,476	312,127	331,267	353,762	376,748
Business	188,719	199,023	210,549	224,629	240,111	255,058	268,364	283,414	301,160	319,329	340,748	362,599
Chemical (NAICS 325)	36,329	38,494	40,765	43,367	45,982	48,523	51,328	54,772	58,503	62,802	67,509	72,402
Transportation (NAICS 336)	37,322	38,858	40,156	42,107	44,876	48,257	51,341	53,990	56,437	57,993	59,562	62,277
Computer and electronic (NAICS 334)	44,564	46,951	50,338	53,814	56,923	59,895	60,811	61,786	62,545	63,069	63,498	64,658
All other for-profit ¹	70,504	74,720	79,290	85,341	92,330	98,383	104,884	112,867	123,674	135,465	150,179	163,262
Universities and colleges	1,007	1,057	1,102	1,153	1,218	1,297	1,390	1,497	1,621	1,776	1,955	2,121
Other nonprofit institutions serving households	5,840	6,060	6,314	6,589	6,932	7,369	7,878	8,565	9,346	10,162	11,060	12,028
Government	238,653	241,300	245,766	252,474	262,746	272,738	284,266	294,644	303,411	312,162	318,275	323,607
Federal Government extramural	173,141	175,664	179,462	184,945	193,257	200,704	210,214	218,331	224,390	230,118	233,708	236,437
Federal Government intramural	55,781	55,554	55,834	56,633	58,016	59,810	60,982	62,314	63,983	65,826	67,174	68,651
State and local government ²	5,648	5,732	5,813	5,919	6,109	6,376	6,684	7,021	7,372	7,760	8,135	8,490
Universities and colleges	4,083	4,350	4,657	4,977	5,364	5,848	6,384	6,978	7,667	8,458	9,258	10,029

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total R&D net stock	725,426	750,252	785,381	833,716	895,802	970,850	1,058,657	1,158,497	1,259,532	1,346,766	1,436,870	1,530,513
Private	397,399	417,681	446,234	485,608	535,815	595,912	668,225	753,634	834,677	898,085	959,339	1,020,248
Business	382,118	401,328	428,759	466,781	515,334	573,429	643,542	726,523	804,935	865,465	923,883	982,209
Chemical (NAICS 325)	77,971	83,161	89,055	95,581	103,412	113,778	126,259	141,806	157,805	174,227	196,271	223,166
Transportation (NAICS 336)	64,568	67,244	71,062	76,228	80,858	84,775	91,683	97,304	100,478	103,757	111,059	117,370
Computer and electronic (NAICS 334)	65,652	67,980	73,433	81,722	93,509	106,690	118,141	137,565	158,656	174,747	187,294	196,387
All other for-profit ¹	173,926	182,942	195,209	213,250	237,555	268,186	307,459	349,849	387,995	412,734	429,259	445,286
Universities and colleges	2,261	2,400	2,574	2,807	3,048	3,303	3,610	3,974	4,397	4,892	5,437	5,998
Other nonprofit institutions serving households	13,020	13,953	14,901	16,020	17,432	19,181	21,074	23,137	25,345	27,727	30,020	32,041
Government	328,028	332,571	339,147	348,107	359,987	374,938	390,432	404,863	424,855	448,682	477,531	510,265
Federal Government extramural	238,075	239,927	243,661	249,039	256,225	265,631	275,049	282,660	293,757	307,489	324,984	345,501
Federal Government intramural	70,353	71,927	73,512	75,453	78,049	81,100	84,274	87,777	92,891	98,980	106,414	114,934
State and local government ²	8,805	9,114	9,524	10,086	10,762	11,550	12,480	13,523	14,692	15,953	17,279	18,592
Universities and colleges	10,794	11,603	12,450	13,529	14,952	16,658	18,629	20,903	23,514	26,259	28,853	31,238

NAICS North American Industry Classification System
R&D Research and development
1. "All other for-profit" represents all for-profit business net stock of R&D excluding the three industries above.
2. Excludes universities and colleges.

Table 2.5. Current-Cost Depreciation of R&D by Type of Funder, 1959–2004

[Millions of dollars]

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Total R&D depreciation	7,913	8,859	9,831	10,794	11,820	13,066	14,394	15,860	17,561	19,261	20,894
Private	3,134	3,324	3,542	3,775	4,021	4,325	4,686	5,139	5,721	6,367	7,066
Business.....	3,041	3,225	3,436	3,657	3,891	4,181	4,526	4,960	5,520	6,142	6,816
Chemical (NAICS 325).....	429	468	511	556	602	657	719	788	865	945	1,032
Transportation (NAICS 336).....	785	829	876	927	980	1,044	1,125	1,239	1,405	1,593	1,784
Computer and electronic (NAICS 334).....	612	670	736	801	866	943	1,031	1,143	1,290	1,454	1,633
All other for-profit ¹	1,215	1,259	1,313	1,373	1,442	1,537	1,652	1,790	1,960	2,150	2,366
Universities and colleges.....	18	18	18	18	18	19	22	25	29	33	38
Other nonprofit institutions serving households.....	74	81	89	99	112	125	138	154	173	192	212
Government	4,780	5,535	6,289	7,019	7,799	8,741	9,708	10,722	11,840	12,894	13,828
Federal Government extramural.....	3,501	4,167	4,818	5,431	6,076	6,835	7,587	8,361	9,212	10,009	10,704
Federal Government intramural.....	1,165	1,246	1,341	1,448	1,571	1,739	1,938	2,156	2,397	2,625	2,831
State and local government ²	75	82	89	97	105	116	127	140	156	172	192
Universities and colleges.....	39	39	41	43	46	51	57	64	75	88	102

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total R&D depreciation	22,753	24,528	25,861	27,422	31,990	37,221	39,687	42,631	46,462	51,914	59,823
Private	7,907	8,738	9,413	10,227	12,266	14,616	15,901	17,420	19,387	22,178	26,197
Business.....	7,629	8,428	9,077	9,864	11,836	14,104	15,341	16,802	18,697	21,389	25,274
Chemical (NAICS 325).....	1,137	1,242	1,325	1,419	1,684	2,013	2,205	2,415	2,669	3,017	3,513
Transportation (NAICS 336).....	1,997	2,181	2,314	2,501	2,990	3,505	3,741	4,065	4,528	5,195	6,128
Computer and electronic (NAICS 334).....	1,850	2,071	2,262	2,482	2,984	3,550	3,853	4,199	4,654	5,345	6,375
All other for-profit ¹	2,645	2,935	3,176	3,462	4,178	5,036	5,542	6,123	6,845	7,831	9,259
Universities and colleges.....	42	48	52	56	65	76	81	88	99	114	134
Other nonprofit institutions serving households.....	236	262	284	307	365	436	479	530	592	675	789
Government	14,846	15,790	16,448	17,195	19,725	22,605	23,785	25,211	27,075	29,736	33,626
Federal Government extramural.....	11,421	12,029	12,394	12,819	14,555	16,532	17,285	18,258	19,575	21,492	24,321
Federal Government intramural.....	3,089	3,378	3,626	3,899	4,586	5,363	5,716	6,084	6,523	7,125	7,993
State and local government ²	218	248	275	306	372	448	492	540	600	678	782
Universities and colleges.....	117	135	152	171	212	261	292	329	377	442	530

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Total R&D depreciation	69,019	76,240	81,981	89,103	96,197	103,498	110,609	117,713	124,609	129,967	137,214	141,846
Private	30,969	34,999	38,426	42,581	46,725	50,916	54,865	58,794	62,995	66,652	71,597	75,564
Business.....	29,893	33,799	37,126	41,166	45,199	49,265	53,070	56,827	60,829	64,296	69,000	72,759
Chemical (NAICS 325).....	4,096	4,615	5,088	5,639	6,158	6,661	7,173	7,751	8,377	8,956	9,736	10,371
Transportation (NAICS 336).....	7,166	7,985	8,619	9,369	10,188	11,155	12,158	13,076	13,877	14,357	14,925	15,346
Computer and electronic (NAICS 334).....	7,648	8,721	9,648	10,785	11,792	12,721	13,397	13,837	14,205	14,329	14,609	14,676
All other for-profit ¹	10,984	12,479	13,772	15,372	17,060	18,727	20,342	22,162	24,369	26,654	29,730	32,366
Universities and colleges.....	158	177	193	211	228	247	269	294	321	349	388	421
Other nonprofit institutions serving households.....	918	1,023	1,107	1,205	1,298	1,404	1,526	1,674	1,845	2,007	2,209	2,384
Government	38,049	41,241	43,555	46,523	49,472	52,582	55,744	58,919	61,614	63,316	65,617	66,282
Federal Government extramural.....	27,569	29,972	31,757	34,026	36,316	38,685	41,124	43,616	45,611	46,749	48,276	48,548
Federal Government intramural.....	8,950	9,567	9,961	10,501	11,009	11,570	12,089	12,549	13,012	13,352	13,843	14,026
State and local government ²	896	978	1,032	1,095	1,155	1,226	1,307	1,395	1,483	1,556	1,654	1,717
Universities and colleges.....	634	725	806	900	993	1,101	1,224	1,360	1,509	1,659	1,844	1,992

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total R&D depreciation	146,724	150,946	152,728	152,981	155,915	159,220	167,120	179,263	189,458	201,639	213,698	227,327
Private	79,649	83,285	85,800	87,932	91,987	96,430	103,957	114,780	124,210	133,732	142,134	150,975
Business.....	76,620	80,045	82,429	84,496	88,439	92,759	100,064	110,580	119,740	128,885	136,874	145,295
Chemical (NAICS 325).....	11,111	11,847	12,317	12,544	12,896	13,320	14,219	15,602	16,912	18,528	20,549	23,272
Transportation (NAICS 336).....	15,926	16,468	16,809	17,005	17,299	17,261	17,763	18,691	18,972	19,366	20,246	21,537
Computer and electronic (NAICS 334).....	14,875	15,179	15,626	16,286	17,544	18,969	20,577	22,993	25,833	28,743	31,022	32,889
All other for-profit ¹	34,708	36,552	37,678	38,661	40,699	43,209	47,506	53,295	58,023	62,247	65,057	67,597
Universities and colleges.....	451	477	496	509	529	543	570	615	658	722	798	884
Other nonprofit institutions serving households.....	2,578	2,763	2,875	2,927	3,020	3,128	3,322	3,585	3,813	4,126	4,462	4,797
Government	67,075	67,661	66,928	65,049	63,928	62,790	63,163	64,483	65,247	67,907	71,565	76,351
Federal Government extramural.....	48,843	48,959	48,183	46,634	45,616	44,586	44,620	45,220	45,328	46,740	48,869	51,825
Federal Government intramural.....	14,308	14,573	14,491	14,100	13,858	13,597	13,648	13,950	14,207	14,916	15,870	17,109
State and local government ²	1,780	1,835	1,857	1,856	1,882	1,906	1,983	2,108	2,219	2,382	2,568	2,773
Universities and colleges.....	2,143	2,294	2,397	2,459	2,571	2,701	2,912	3,205	3,493	3,869	4,258	4,645

NAICS North American Industry Classification System

R&D Research and development

1. "All other for-profit" represents all for-profit business depreciation of R&D excluding the three industries above.

2. Excludes universities and colleges.

Table 2.6. Real Depreciation of R&D by Type of Funder, 1959–2004

[Millions of chained (2000) dollars]

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Total R&D depreciation	19,734	22,244	24,827	27,429	30,289	33,457	36,714	40,094	43,519	46,773	49,819
Private	7,815	8,347	8,946	9,592	10,304	11,074	11,952	12,991	14,178	15,463	16,847
Business.....	7,583	8,098	8,676	9,293	9,970	10,705	11,545	12,539	13,679	14,915	16,253
Chemical (NAICS 325).....	1,070	1,176	1,291	1,414	1,543	1,682	1,834	1,992	2,143	2,296	2,461
Transportation (NAICS 336).....	1,957	2,080	2,212	2,355	2,512	2,674	2,869	3,132	3,481	3,868	4,255
Computer and electronic (NAICS 334).....	1,527	1,682	1,858	2,035	2,220	2,415	2,629	2,890	3,197	3,530	3,894
All other for-profit ¹	3,029	3,160	3,315	3,489	3,695	3,935	4,212	4,525	4,857	5,221	5,642
Universities and colleges.....	46	45	45	46	47	50	55	63	72	81	90
Other nonprofit institutions serving households.....	185	203	224	253	287	319	352	389	428	467	504
Government	11,920	13,898	15,881	17,837	19,985	22,383	24,763	27,103	29,341	31,311	32,972
Federal Government extramural.....	8,730	10,464	12,167	13,803	15,570	17,502	19,351	21,136	22,830	24,305	25,522
Federal Government intramural.....	2,906	3,130	3,387	3,679	4,026	4,454	4,942	5,450	5,940	6,373	6,750
State and local government ²	188	205	224	246	270	297	325	355	385	418	457
Universities and colleges.....	96	99	103	110	119	130	144	162	186	214	242

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total R&D depreciation	52,381	54,360	56,225	58,336	60,153	61,076	61,733	62,713	64,037	65,789	67,802
Private	18,204	19,366	20,465	21,756	23,064	23,983	24,735	25,626	26,720	28,105	29,691
Business.....	17,564	18,679	19,734	20,984	22,255	23,143	23,863	24,717	25,769	27,105	28,645
Chemical (NAICS 325).....	2,617	2,753	2,880	3,018	3,166	3,303	3,430	3,553	3,679	3,824	3,981
Transportation (NAICS 336).....	4,598	4,833	5,032	5,321	5,623	5,751	5,819	5,979	6,241	6,584	6,945
Computer and electronic (NAICS 334).....	4,260	4,590	4,918	5,279	5,610	5,826	5,994	6,178	6,415	6,774	7,225
All other for-profit ¹	6,089	6,504	6,904	7,366	7,856	8,264	8,621	9,007	9,435	9,924	10,494
Universities and colleges.....	98	106	113	118	122	124	126	130	136	144	152
Other nonprofit institutions serving households.....	542	581	618	654	686	715	746	779	816	856	894
Government	34,178	34,994	35,760	36,580	37,089	37,093	36,998	37,087	37,316	37,684	38,110
Federal Government extramural.....	26,293	26,660	26,947	27,269	27,368	27,128	26,887	26,859	26,979	27,236	27,564
Federal Government intramural.....	7,112	7,486	7,884	8,295	8,623	8,801	8,892	8,950	8,991	9,029	9,059
State and local government ²	503	549	598	651	700	736	766	795	826	859	886
Universities and colleges.....	270	299	330	364	399	429	454	484	520	560	601

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Total R&D depreciation	69,850	71,940	74,333	77,373	81,229	85,460	89,613	93,778	98,069	102,452	106,891	111,378
Private	31,343	33,025	34,841	36,975	39,455	42,042	44,451	46,839	49,578	52,541	55,775	59,333
Business.....	30,253	31,893	33,663	35,746	38,166	40,679	42,997	45,272	47,873	50,684	53,752	57,131
Chemical (NAICS 325).....	4,145	4,355	4,613	4,897	5,200	5,500	5,811	6,175	6,593	7,060	7,584	8,143
Transportation (NAICS 336).....	7,252	7,534	7,815	8,136	8,603	9,211	9,850	10,417	10,921	11,317	11,626	12,050
Computer and electronic (NAICS 334).....	7,740	8,229	8,748	9,365	9,957	10,504	10,854	11,024	11,180	11,295	11,381	11,524
All other for-profit ¹	11,117	11,775	12,487	13,349	14,406	15,463	16,481	17,655	19,179	21,011	23,160	25,414
Universities and colleges.....	160	167	175	183	192	204	218	234	253	275	303	330
Other nonprofit institutions serving households.....	930	965	1,003	1,046	1,096	1,160	1,236	1,333	1,452	1,582	1,721	1,872
Government	38,508	38,915	39,492	40,398	41,775	43,418	45,162	46,939	48,491	49,911	51,117	52,044
Federal Government extramural.....	27,901	28,281	28,794	29,547	30,665	31,943	33,318	34,747	35,896	36,852	37,608	38,120
Federal Government intramural.....	9,058	9,027	9,031	9,119	9,296	9,553	9,794	9,997	10,240	10,525	10,784	11,013
State and local government ²	907	923	936	951	975	1,012	1,059	1,111	1,167	1,227	1,289	1,348
Universities and colleges.....	642	684	730	781	838	909	992	1,083	1,187	1,307	1,436	1,564

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total R&D depreciation	115,575	119,493	124,285	131,049	140,026	151,102	164,194	179,263	195,344	210,310	224,251	238,463
Private	62,740	65,931	69,821	75,326	82,613	91,513	102,137	114,780	128,069	139,483	149,152	158,372
Business.....	60,354	63,366	67,078	72,383	79,426	88,030	98,313	110,580	123,459	134,427	143,633	152,412
Chemical (NAICS 325).....	8,752	9,378	10,023	10,746	11,582	12,641	13,970	15,602	17,438	19,325	21,563	24,412
Transportation (NAICS 336).....	12,545	13,036	13,679	14,567	15,536	16,381	17,452	18,691	19,561	20,199	21,246	22,592
Computer and electronic (NAICS 334).....	11,717	12,016	12,716	13,951	15,756	18,002	20,216	22,993	26,636	29,979	32,554	34,500
All other for-profit ¹	27,340	28,935	30,661	33,118	36,552	41,006	46,674	53,295	59,825	64,924	68,270	70,909
Universities and colleges.....	355	378	403	436	475	515	560	615	679	753	837	927
Other nonprofit institutions serving households.....	2,031	2,187	2,339	2,507	2,712	2,969	3,264	3,585	3,931	4,303	4,682	5,032
Government	52,835	53,562	54,464	55,723	57,413	59,589	62,057	64,483	67,274	70,827	75,098	80,092
Federal Government extramural.....	38,474	38,757	39,210	39,949	40,967	42,313	43,839	45,220	46,737	48,750	51,282	54,364
Federal Government intramural.....	11,271	11,536	11,792	12,078	12,446	12,904	13,409	13,950	14,649	15,557	16,654	17,947
State and local government ²	1,402	1,453	1,511	1,590	1,690	1,809	1,948	2,108	2,288	2,485	2,695	2,908
Universities and colleges.....	1,688	1,816	1,950	2,106	2,309	2,563	2,861	3,205	3,601	4,036	4,469	4,872

NAICS North American Industry Classification System
R&D Research and development

1. "All other for-profit" represents all for-profit business depreciation of R&D excluding the three industries above.
2. Excludes universities and colleges.

Table 3.1. Domestic R&D Output by Performer, 1959–2004

[Millions of dollars]

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Total R&D performance	13,967	15,325	16,162	17,286	19,310	21,027	22,369	24,503	25,943	27,414	28,600
Private	11,807	12,928	13,504	14,313	15,905	17,104	18,006	19,760	20,865	22,145	23,106
Business.....	10,695	11,631	11,957	12,700	14,103	15,065	15,870	17,490	18,310	19,486	20,376
Universities and colleges.....	286	346	406	467	529	605	692	784	873	931	954
Other nonprofit institutions serving households.....	179	208	257	311	376	431	496	520	607	612	593
Federally funded R&D centers:											
Business.....	411	469	545	425	414	460	376	359	420	417	465
Universities and colleges.....	192	209	237	272	326	369	375	387	413	436	445
Other nonprofit institutions serving households.....	44	66	102	137	157	174	197	220	242	263	273
Public	2,161	2,396	2,658	2,972	3,405	3,923	4,362	4,744	5,078	5,269	5,494
Federal Government.....	1,677	1,838	2,009	2,201	2,497	2,870	3,166	3,394	3,570	3,630	3,755
State and local government ¹	53	58	63	68	69	74	91	108	123	140	155
Universities and colleges.....	288	342	407	500	618	735	860	991	1,117	1,219	1,300
Federally funded R&D centers:											
Universities and colleges.....	143	159	181	204	221	244	246	251	267	280	284

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total R&D performance	28,830	29,660	31,692	34,165	36,877	39,480	43,567	47,744	53,753	61,882	71,470
Private	22,877	23,174	24,649	26,655	28,798	30,707	34,214	37,705	42,719	49,655	57,740
Business.....	20,051	20,283	21,592	23,484	25,273	26,773	29,777	32,808	36,952	43,079	50,301
Universities and colleges.....	979	1,001	1,046	1,099	1,188	1,313	1,416	1,563	1,826	2,122	2,376
Other nonprofit institutions serving households.....	663	703	755	786	864	996	1,130	1,203	1,450	1,655	1,895
Federally funded R&D centers:											
Business.....	475	494	550	549	652	735	894	969	1,090	1,177	1,295
Universities and colleges.....	449	452	478	515	557	632	725	859	1,046	1,200	1,355
Other nonprofit institutions serving households.....	260	241	229	221	244	258	273	303	356	422	517
Public	5,953	6,486	7,043	7,510	8,080	8,773	9,353	10,039	11,033	12,226	13,730
Federal Government.....	4,070	4,440	4,805	5,077	5,401	5,764	6,018	6,254	6,704	7,302	8,120
State and local government ¹	175	206	239	265	282	299	314	345	396	442	461
Universities and colleges.....	1,423	1,554	1,698	1,847	2,040	2,292	2,519	2,816	3,205	3,650	4,162
Federally funded R&D centers:											
Universities and colleges.....	286	286	300	321	356	418	502	623	728	833	967

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Total R&D performance	81,986	91,156	100,995	114,698	128,598	135,418	143,068	151,726	160,792	166,992	175,942	180,270
Private	67,003	75,177	83,478	95,252	107,005	111,763	118,624	125,540	132,626	137,197	145,270	148,414
Business.....	58,897	66,711	74,380	85,170	95,771	99,465	105,487	111,047	116,938	120,421	127,157	129,264
Universities and colleges.....	2,599	2,770	2,956	3,244	3,608	4,024	4,462	4,953	5,398	5,753	6,132	6,503
Other nonprofit institutions serving households.....	2,104	2,176	2,338	2,696	3,122	3,587	3,704	4,200	4,708	5,121	5,921	6,358
Federally funded R&D centers:												
Business.....	1,408	1,509	1,606	1,754	1,876	1,910	2,013	2,141	2,217	2,345	2,308	2,380
Universities and colleges.....	1,415	1,434	1,565	1,732	1,927	2,151	2,366	2,576	2,681	2,751	2,850	2,942
Other nonprofit institutions serving households.....	580	577	632	656	702	627	592	622	684	806	902	965
Public	14,983	15,979	17,517	19,446	21,592	23,655	24,444	26,186	28,167	29,795	30,672	31,856
Federal Government.....	8,798	9,325	10,270	11,421	12,647	13,742	13,536	14,220	15,132	15,690	15,574	15,906
State and local government ¹	500	504	507	529	561	584	637	668	659	653	618	599
Universities and colleges.....	4,598	4,962	5,389	5,931	6,647	7,442	8,270	9,209	10,207	11,194	12,115	12,951
Federally funded R&D centers:												
Universities and colleges.....	1,087	1,188	1,350	1,566	1,737	1,887	2,001	2,089	2,168	2,258	2,365	2,400

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total R&D performance	180,779	185,006	198,827	212,665	228,348	241,738	260,247	283,000	291,344	289,952	304,032	319,709
Private	147,586	151,036	164,230	177,425	191,854	203,914	220,732	240,788	244,958	239,057	248,542	260,023
Business.....	127,857	130,549	143,181	156,144	170,108	181,384	196,947	214,584	216,403	207,700	214,779	224,872
Universities and colleges.....	6,816	7,114	7,382	7,596	7,879	8,304	8,832	9,544	10,362	11,348	12,520	13,603
Other nonprofit institutions serving households.....	6,911	7,000	7,070	7,065	7,349	7,947	8,353	9,583	10,717	11,995	12,733	12,557
Federally funded R&D centers:												
Business.....	2,017	2,240	2,310	2,333	2,176	2,124	2,003	2,011	2,075	2,308	2,526	2,618
Universities and colleges.....	2,967	3,041	3,087	3,064	3,099	3,004	2,986	3,044	3,235	3,409	3,508	3,743
Other nonprofit institutions serving households.....	1,018	1,091	1,199	1,224	1,243	1,152	1,612	2,023	2,166	2,298	2,475	2,631
Public	33,193	33,970	34,597	35,239	36,494	37,823	39,515	42,211	46,386	50,895	55,490	59,686
Federal Government.....	16,468	16,561	16,438	16,366	16,749	16,812	16,879	17,452	19,167	20,754	22,954	25,231
State and local government ¹	603	594	584	584	620	667	696	735	798	852	935	1,070
Universities and colleges.....	13,729	14,471	15,210	15,864	16,632	17,650	19,154	21,165	23,244	25,519	27,674	29,362
Federally funded R&D centers:												
Universities and colleges.....	2,393	2,345	2,364	2,425	2,494	2,695	2,786	2,859	3,177	3,770	3,927	4,024

R&D Research and development
1. Excludes universities and colleges.

Table 3.2. Real Domestic R&D Output by Performer, 1959–2004
 (Millions of chained (2000) dollars)

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Total R&D performance	34,832	38,481	40,816	43,927	49,482	53,841	57,055	61,943	64,292	66,571	68,194
Private	29,444	32,464	34,102	36,374	40,756	43,795	45,928	49,951	51,708	53,777	55,094
Business	26,671	29,206	30,196	32,274	36,139	38,573	40,478	44,213	45,377	47,319	48,584
Universities and colleges	713	869	1,026	1,188	1,356	1,548	1,766	1,982	2,163	2,260	2,274
Other nonprofit institutions serving households	446	522	648	791	964	1,105	1,266	1,315	1,505	1,486	1,414
Federally funded R&D centers:											
Business	1,024	1,177	1,375	1,080	1,060	1,179	959	907	1,040	1,013	1,109
Universities and colleges	480	524	599	692	835	945	956	978	1,024	1,060	1,062
Other nonprofit institutions serving households	110	166	258	349	402	445	503	556	600	639	651
Public	5,388	6,017	6,714	7,553	8,726	10,045	11,127	11,992	12,584	12,794	13,099
Federal Government	4,182	4,615	5,073	5,594	6,400	7,349	8,074	8,580	8,847	8,816	8,954
State and local government ¹	132	145	158	172	177	191	231	272	306	340	369
Universities and colleges	719	859	1,027	1,270	1,584	1,881	2,194	2,505	2,769	2,959	3,099
Federally funded R&D centers:											
Universities and colleges	356	398	456	517	565	624	628	635	662	680	678

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total R&D performance	66,371	65,733	68,903	72,679	69,342	64,783	67,769	70,235	74,085	78,421	81,002
Private	52,667	51,359	53,591	56,703	54,150	50,388	53,220	55,467	58,878	62,927	65,441
Business	46,160	44,951	46,944	49,958	47,522	43,932	46,319	48,263	50,929	54,593	57,010
Universities and colleges	2,253	2,219	2,274	2,338	2,233	2,154	2,202	2,300	2,516	2,689	2,693
Other nonprofit institutions serving households	1,525	1,557	1,641	1,672	1,662	1,635	1,758	1,770	1,998	2,098	2,148
Federally funded R&D centers:											
Business	1,095	1,096	1,195	1,169	1,225	1,206	1,390	1,425	1,502	1,492	1,468
Universities and colleges	1,035	1,001	1,038	1,095	1,048	1,037	1,127	1,264	1,442	1,520	1,535
Other nonprofit institutions serving households	599	535	498	471	459	424	424	446	491	534	586
Public	13,704	14,375	15,312	15,976	15,192	14,395	14,548	14,768	15,207	15,494	15,562
Federal Government	9,369	9,840	10,447	10,801	10,156	9,458	9,361	9,200	9,239	9,253	9,203
State and local government ¹	402	456	519	563	530	490	489	508	546	560	545
Universities and colleges	3,275	3,444	3,693	3,929	3,836	3,761	3,918	4,143	4,418	4,625	4,718
Federally funded R&D centers:											
Universities and colleges	658	634	653	683	670	686	780	917	1,004	1,056	1,096

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Total R&D performance	82,973	86,015	91,573	99,598	108,588	111,817	115,911	120,874	126,545	131,638	137,060	141,548
Private	67,810	70,937	75,690	82,712	90,355	92,285	96,107	100,013	104,378	108,151	113,166	116,534
Business	59,607	62,948	67,441	73,957	80,869	82,130	85,464	88,467	92,031	94,927	99,056	101,498
Universities and colleges	2,630	2,614	2,680	2,817	3,047	3,323	3,615	3,946	4,248	4,535	4,777	5,107
Other nonprofit institutions serving households	2,129	2,053	2,120	2,341	2,637	2,962	3,001	3,346	3,705	4,037	4,613	4,993
Federally funded R&D centers:												
Business	1,425	1,424	1,456	1,523	1,584	1,577	1,631	1,705	1,745	1,849	1,798	1,869
Universities and colleges	1,432	1,353	1,419	1,504	1,627	1,776	1,917	2,052	2,110	2,168	2,220	2,310
Other nonprofit institutions serving households	587	545	573	569	592	518	479	495	538	635	703	758
Public	15,163	15,078	15,883	16,886	18,232	19,532	19,804	20,861	22,167	23,487	23,894	25,013
Federal Government	8,904	8,800	9,312	9,917	10,679	11,347	10,966	11,328	11,909	12,368	12,133	12,490
State and local government ¹	506	476	460	459	474	482	516	532	518	514	481	470
Universities and colleges	4,653	4,682	4,886	5,150	5,612	6,145	6,700	7,336	8,033	8,824	9,437	10,169
Federally funded R&D centers:												
Universities and colleges	1,100	1,121	1,224	1,360	1,467	1,558	1,621	1,665	1,706	1,780	1,842	1,884

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total R&D performance	142,401	146,456	161,799	182,177	205,077	229,411	255,691	283,000	300,395	302,421	319,045	335,371
Private	116,254	119,564	133,645	151,990	172,302	193,516	216,868	240,788	252,568	249,337	260,814	272,761
Business	100,714	103,346	116,516	133,759	152,772	172,135	193,499	214,584	223,126	216,631	225,385	235,888
Universities and colleges	5,369	5,632	6,007	6,507	7,076	7,880	8,677	9,544	10,684	11,836	13,138	14,270
Other nonprofit institutions serving households	5,444	5,542	5,754	6,052	6,600	7,542	8,206	9,583	11,050	12,511	13,362	13,172
Federally funded R&D centers:												
Business	1,589	1,774	1,880	1,999	1,954	2,016	1,968	2,011	2,139	2,407	2,651	2,746
Universities and colleges	2,337	2,407	2,512	2,625	2,783	2,851	2,934	3,044	3,335	3,556	3,682	3,926
Other nonprofit institutions serving households	802	864	976	1,048	1,116	1,093	1,584	2,023	2,234	2,396	2,597	2,760
Public	26,146	26,892	28,154	30,187	32,775	35,895	38,823	42,211	47,827	53,083	58,230	62,610
Federal Government	12,972	13,110	13,377	14,020	15,042	15,955	16,583	17,452	19,763	21,647	24,088	26,467
State and local government ¹	475	470	475	500	557	633	684	735	823	889	981	1,122
Universities and colleges	10,815	11,455	12,378	13,590	14,937	16,750	18,819	21,165	23,966	26,616	29,040	30,801
Federally funded R&D centers:												
Universities and colleges	1,885	1,856	1,924	2,077	2,240	2,557	2,737	2,859	3,275	3,932	4,121	4,221

R&D Research and development
 1. Excludes universities and colleges.
 NOTE: Implemented using the aggregate output price index.

Table 4.2. Alternative Price Indexes for R&D Investment, 1959–2004

[Index numbers, 2000=100]

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	
Aggregate output price index	40.1	38.8	39.6	39.4	39.0	39.1	39.2	39.6	40.4	41.2	41.9	
Input price index	19.0	19.0	19.4	19.7	20.0	20.5	21.1	21.9	22.7	23.8	25.1	
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	
Aggregate output price index	43.4	45.1	46.0	47.0	53.2	60.9	64.3	68.0	72.6	78.9	88.2	
Input price index	26.5	28.1	29.5	31.2	34.0	37.3	39.5	42.2	45.1	48.8	53.4	
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Aggregate output price index	98.8	106.0	110.3	115.2	118.4	121.1	123.4	125.5	127.1	126.9	128.4	127.4
Input price index	58.4	62.1	64.6	67.0	69.2	71.0	73.1	75.7	78.6	81.2	83.6	85.9
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Aggregate output price index	127.0	126.3	122.9	116.7	111.3	105.4	101.8	100.0	97.0	95.9	95.3	95.3
Input price index	87.9	89.5	90.8	92.5	94.3	95.4	96.9	100.0	102.4	105.1	108.3	112.2

R&D Research and development

Table 5.1. Private Business Investment in R&D by Industry, 1987-2004

[Millions of dollars]

Table with 18 columns (NAICS code, Industry, 1987-2004) and multiple rows detailing R&D investment across various industries like Chemical manufacturing, Pharmaceutical and medicine, Computer and electronic product manufacturing, etc.

NAICS North American Industry Classification System
R&D Research and development
1. Matches the total for private business in table 2.1.

Table 6.1. Private Industry Value Added and Private Industry Value Added With R&D Treated as Investment, 1987–2004

	1987	1988	1989	1990	1991	1992	1993	1994	1995
Millions of dollars									
Current-dollar value added:									
Unadjusted for R&D as investment	3,807,477	4,106,418	4,425,072	4,676,733	4,815,975	5,121,262	5,418,437	5,812,421	6,113,150
Adjusted for R&D as investment.....	3,873,074	4,177,849	4,503,772	4,759,012	4,907,014	5,216,006	5,513,600	5,910,107	6,222,274
Percent									
Percent change in value added ¹	1.7	1.7	1.8	1.8	1.9	1.9	1.8	1.7	1.8
Millions of dollars									
Current-dollar value added:									
Unadjusted for R&D as investment	6,494,969	6,880,515	7,259,732	7,711,009	8,167,966	8,380,387	8,609,304	8,988,042	9,633,671
Adjusted for R&D as investment.....	6,616,445	7,015,223	7,405,170	7,870,164	8,346,448	8,560,636	8,772,209	9,153,452	9,799,940
Percent									
Percent change in value added ¹	1.9	2.0	2.0	2.1	2.2	2.2	1.9	1.8	1.7
Percent change from preceding period at annual rates									
1988 1989 1990 1991 1992 1993 1994 1995 1996									
Current-dollar value added:									
Unadjusted for R&D as investment	7.9	7.8	5.7	3.0	6.3	5.8	7.3	5.2	6.2
Adjusted for R&D as investment.....	7.9	7.8	5.7	3.1	6.3	5.7	7.2	5.3	6.3
1997 1998 1999 2000 2001 2002 2003 2004									
Current-dollar value added:									
Unadjusted for R&D as investment	5.9	5.5	6.2	5.9	2.6	2.7	4.4	7.2	
Adjusted for R&D as investment.....	6.0	5.6	6.3	6.1	2.6	2.5	4.3	7.1	

R&D Research and development

1. Corresponds to published values.

2. Adjusted value added incorporates the impact of treating R&D as investment and the removal of the R&D software double-count.

3. Calculated as the ratio of the adjustment to unadjusted value added.

Table 6.2. Average Annual Effect of Treating R&D as Investment
Levels and Growth Rates of Gross Output, Intermediate Inputs, and Value Added, 1987–2004
 (Percent)

NAICS code	Industry	Average annual percent effect on levels			Average annual growth rates						
		Gross output	Inter-mediate inputs	Value added	Gross output		Intermediate inputs		Value added		
					Unadjusted ¹	Adjusted for R&D and for R&D software double-count	Unadjusted ¹	Adjusted for R&D and for R&D software double-count	Unadjusted ¹	Adjusted for R&D and for R&D software double-count	
3254	Pharmaceutical and medicine manufacturing:										
	Nominal	3.8	-22.8	38.4	8.6	8.9	8.0	6.7	9.7	10.5	
	Input price index				3.7	4.0	4.8	3.3	2.4	4.4	
	Aggregate output price index				3.7	4.2	4.8	2.1	2.4	5.5	
3251–53, 3255–56, 3259	Chemicals minus pharmaceutical and medicine manufacturing:										
	Nominal	1.7	-1.4	7.9	3.7	3.6	3.4	3.4	4.4	4.3	
	Input price index				1.2	1.2	0.5	0.5	2.5	2.3	
	Aggregate output price index				1.2	1.2	0.5	0.5	2.5	2.6	
3341	Computer and peripheral equipment manufacturing:										
	Nominal	5.0	-0.9	29.8	1.5	1.5	1.3	1.3	2.4	2.2	
	Input price index				19.4	18.2	8.0	8.0	102.8	60.4	
	Aggregate output price index				19.4	18.5	8.0	8.0	102.8	62.7	
3342	Communications equipment manufacturing:										
	Nominal	4.7	-2.5	22.1	4.2	4.4	5.5	5.4	1.6	3.4	
	Input price index				6.8	6.7	8.1	8.1	5.3	5.2	
	Aggregate output price index				6.8	7.0	8.1	8.0	5.3	5.9	
3344	Semiconductor and other electronic component manufacturing:										
	Nominal	9.6	-1.9	25.7	5.9	5.9	6.6	6.5	5.4	5.4	
	Input price index				20.2	18.7	8.3	8.4	38.7	31.3	
	Aggregate output price index				20.2	19.2	8.3	8.3	38.7	32.4	
3345	Navigational, measuring, electromedical, and control instruments manufacturing:										
	Nominal	4.9	-2.2	12.2	2.7	2.8	3.0	2.9	2.6	3.0	
	Input price index				1.4	1.5	4.5	4.5	-1.6	-1.1	
	Aggregate output price index				1.4	1.7	4.5	4.4	-1.6	-0.7	
3343, 3346	Other computer and electronic products manufacturing:										
	Nominal	2.5	-0.5	9.1	2.6	2.7	2.5	2.4	3.1	3.5	
	Input price index				4.2	4.3	5.4	5.4	1.6	1.6	
	Aggregate output price index				4.2	4.4	5.4	5.3	1.6	2.0	
3361–63	Motor vehicles, bodies and trailers, and parts manufacturing:										
	Nominal	2.5	-1.5	14.5	4.5	4.5	4.9	4.8	3.9	3.9	
	Input price index				3.6	3.5	3.8	3.8	3.1	2.9	
	Aggregate output price index				3.6	3.6	3.8	3.7	3.1	3.4	
3364	Aerospace product and parts manufacturing:										
	Nominal	4.7	-1.6	14.3	1.3	1.2	2.2	2.2	0.6	0.6	
	Input price index				-1.0	-1.0	0.8	0.8	-3.0	-2.9	
	Aggregate output price index				-1.0	-0.8	0.8	0.8	-3.0	-2.4	
3365–66, 3369	Other transportation equipment manufacturing:										
	Nominal	1.4	-0.3	4.1	4.6	4.7	6.3	6.3	2.9	3.0	
	Input price index				2.4	2.4	4.5	4.5	0.1	0.2	
	Aggregate output price index				2.4	2.5	4.5	4.5	0.1	0.4	
5112	Software publishers:										
	Nominal	6.7	-0.9	14.2	14.7	14.9	15.1	15.2	14.5	14.8	
	Input price index				23.9	23.1	16.0	16.0	32.8	30.0	
	Aggregate output price index				23.9	23.7	16.0	16.0	32.8	31.1	
5415	Computer systems design and related services:										
	Nominal	1.4	-2.3	2.4	12.2	12.3	17.6	17.6	11.3	11.4	
	Input price index				10.5	10.4	17.7	17.8	9.1	9.0	
	Aggregate output price index				10.5	10.6	17.7	17.7	9.1	9.3	
5417	Scientific R&D services:										
	Nominal	7.5	-4.1	12.7	9.0	9.4	11.7	11.8	7.8	8.5	
	Input price index				5.1	6.1	9.9	10.0	3.0	4.6	
	Aggregate output price index				5.1	8.2	9.9	9.8	3.0	7.6	
	All other for-profit industries:										
	Nominal	0.3	-0.2	0.7	5.5	5.5	5.3	5.3	5.7	5.7	
	Input price index				2.8	2.8	2.5	2.5	3.0	3.0	
	Aggregate output price index				2.8	2.8	2.5	2.5	3.0	3.1	

NAICS North American Industry Classification System
 R&D Research and development
 1. Corresponds to estimates of gross domestic product by industry.

Table 7.1A. Private Business Gross Output by Industry With R&D Treated as Investment, 1987–2004

[Millions of dollars]

NAICS code	Industry	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
	All for-profit industries	7,396,586	8,031,664	8,550,796	8,981,089	9,046,871	9,525,615	10,056,510	10,764,999	11,486,599	12,209,756	12,979,896	13,652,126	14,523,398	15,646,195	15,689,050	15,859,818	16,625,593	17,974,661
325	Chemical manufacturing	242,651	275,330	298,646	306,955	312,933	322,633	331,492	351,327	377,666	383,477	412,668	415,984	420,133	447,113	437,290	455,449	487,591	532,295
3254	Pharmaceutical and medicine manufacturing	39,447	45,318	51,515	56,791	64,943	68,136	71,556	76,429	81,538	86,503	93,081	103,716	111,076	118,267	131,871	144,774	157,231	166,194
3251–53, 3255–56, 3259	Chemicals minus pharmaceutical and medicine manufacturing	203,204	230,012	247,130	250,164	247,990	254,496	259,936	274,898	296,129	296,974	319,587	312,268	309,057	328,845	305,420	310,675	330,360	366,101
334	Computer and electronic product manufacturing	229,690	250,878	255,299	263,938	266,091	283,283	295,979	332,446	387,333	415,875	457,793	454,450	479,682	533,687	455,314	385,782	383,128	391,113
3341	Computer and peripheral equipment manufacturing	57,406	64,456	61,847	61,263	57,276	63,272	65,729	74,751	88,218	99,790	109,409	110,838	106,940	106,179	88,575	72,032	68,718	67,283
3342	Communications equipment manufacturing	36,454	38,655	38,514	41,295	40,484	45,458	48,276	56,436	62,941	72,531	85,682	89,115	101,202	128,404	113,892	72,922	69,488	63,641
3344	Semiconductor and other electronic component manufacturing	55,194	62,198	66,648	67,458	72,223	78,835	86,190	102,963	128,273	136,349	152,172	140,879	156,469	177,566	134,200	124,809	128,358	132,655
3345	Navigational, measuring, electromedical, and control instruments manufacturing	67,817	72,069	74,134	79,158	80,455	79,074	78,229	78,539	85,981	88,195	92,346	94,558	97,626	104,235	102,022	99,658	100,480	108,221
3343, 3346	Other computer and electronic products manufacturing	12,819	13,500	14,155	14,764	15,653	16,643	17,554	19,757	21,920	19,010	18,183	19,060	17,445	17,303	16,626	16,361	16,084	19,313
336	Transportation equipment manufacturing	380,966	407,697	423,157	415,554	403,693	441,286	467,210	509,331	520,223	534,241	585,794	629,605	686,027	639,610	609,436	642,610	671,293	674,449
3361–63	Motor vehicles, bodies and trailers, and parts manufacturing	246,589	266,050	276,845	256,251	246,507	283,097	319,006	372,995	389,103	394,484	427,096	444,486	507,072	479,451	431,733	474,383	498,975	499,896
3364	Aerospace product and parts manufacturing	112,852	118,536	121,553	133,785	133,978	133,432	121,033	107,786	102,297	108,781	125,415	149,540	140,603	119,337	137,537	126,267	129,326	128,638
3365–66, 3369	Other transportation equipment manufacturing	21,525	23,111	24,759	25,517	23,209	24,759	27,171	28,550	28,822	30,977	33,282	35,580	38,352	40,821	40,166	41,960	42,992	45,915
5112	Software publishers	11,599	14,412	16,700	17,830	20,130	23,095	30,087	37,253	46,247	60,916	71,421	83,998	95,627	104,971	109,148	105,584	109,051	115,148
5415	Computer systems design and related services	25,026	29,373	33,841	36,997	40,512	44,141	50,341	58,169	66,235	79,970	102,494	127,841	152,176	174,382	180,556	173,910	171,470	170,165
5417	Scientific R&D services	20,208	23,857	26,878	30,039	30,497	32,085	34,542	35,897	37,628	43,471	51,005	56,254	61,304	69,121	77,218	82,414	84,852	91,048
	All other for-profit industries	6,486,445	7,030,118	7,496,276	7,909,776	7,973,016	8,379,091	8,846,860	9,440,576	10,051,268	10,691,806	11,298,722	11,883,994	12,628,448	13,677,311	13,820,088	14,014,070	14,718,208	16,000,442

NAICS North American Industry Classification System

R&D Research and development

NOTE: Private business gross output with R&D treated as investment and with the double-count of R&D software investment removed.

Table 7.1B. Real Private Business Gross Output by Industry With R&D Treated as Investment, 1987-2004

[Millions of chained (2000) dollars]

NAICS code	Industry	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
	All for-profit industries ..	9,870,215	10,261,755	10,662,309	11,021,299	11,175,759	11,447,519	11,756,673	12,099,310	12,576,275	12,973,773	13,330,865	14,121,908	14,899,482	15,646,195	15,596,299	15,658,485	16,015,805	16,692,217
325	Chemical manufacturing	345,495	362,709	372,896	377,784	375,159	382,581	385,459	397,311	400,903	406,010	432,942	438,782	442,748	447,113	434,809	453,173	462,817	477,445
3254	Pharmaceutical and medicine manufacturing	74,240	79,481	83,351	84,996	90,300	89,030	89,877	93,253	96,832	100,220	106,076	108,167	113,287	118,267	129,113	138,859	144,820	147,470
3251-53, 3255-56, 3259	Chemicals minus pharmaceutical and medicine manufacturing	269,221	281,553	288,299	291,664	284,907	293,153	295,201	303,723	304,049	306,032	327,040	330,815	329,537	328,845	305,540	313,991	317,522	329,540
334	Computer and electronic product manufacturing	86,198	94,882	97,804	104,885	108,357	120,915	132,493	155,726	202,679	249,321	305,636	355,291	428,275	533,687	513,068	455,854	477,286	507,221
3341	Computer and peripheral equipment manufacturing	7,833	9,435	9,622	10,469	10,746	13,608	16,437	20,565	28,291	40,597	55,678	74,014	92,600	106,179	109,300	105,479	116,343	124,818
3342	Communications equipment manufacturing	28,765	30,673	30,646	33,252	32,596	36,720	39,066	46,159	53,546	62,683	74,726	81,248	96,382	128,404	118,678	79,023	78,907	76,067
3344	Semiconductor and other electronic component manufacturing	10,915	12,128	13,379	14,688	16,480	19,419	22,441	28,941	44,812	60,167	78,746	94,247	126,498	177,566	165,809	157,822	171,585	185,745
3345	Navigational, measuring, electromedical, and control instruments manufacturing	80,173	82,910	82,471	85,548	84,522	81,609	79,693	79,326	85,864	87,828	91,394	93,511	97,325	104,235	102,290	98,923	99,039	105,968
3343, 3346	Other computer and electronic products manufacturing	10,954	11,627	12,078	12,603	13,292	14,297	15,445	17,766	20,062	17,718	17,318	18,351	17,117	17,303	17,025	17,306	17,444	21,633
336	Transportation equipment manufacturing	460,186	485,813	489,920	469,743	442,649	471,286	488,835	521,591	525,299	534,765	588,132	636,653	691,667	639,610	608,348	645,238	670,402	662,461
3361-63	Motor vehicles, bodies and trailers, and parts manufacturing	288,444	305,964	309,901	282,107	264,164	296,674	327,385	374,460	386,428	388,961	423,902	446,227	508,365	479,451	434,222	482,910	508,620	504,102
3364	Aerospace product and parts manufacturing	145,966	152,426	151,579	160,876	155,404	149,570	132,933	115,895	108,029	113,544	130,183	154,715	144,323	119,337	134,094	121,719	121,105	116,665
3365-66, 3369	Other transportation equipment manufacturing	28,754	30,406	31,304	31,071	27,264	28,310	30,557	31,610	30,575	32,259	34,255	36,425	39,116	40,821	39,699	41,179	41,707	42,904
5112	Software publishers	3,985	5,522	7,571	9,213	10,916	15,452	21,103	28,459	37,345	52,184	66,642	82,956	96,371	104,971	110,854	110,476	120,425	133,468
5415	Computer systems design and related services	33,393	37,717	42,861	45,548	48,305	51,884	57,974	65,815	72,206	85,198	105,604	134,273	156,953	174,382	179,263	174,795	174,974	176,464
5417	Scientific R&D services	22,918	26,124	28,687	31,479	31,078	32,396	34,619	35,730	37,240	43,533	51,468	57,327	62,237	69,121	76,883	80,889	82,648	86,142
	All other for-profit industries	9,154,056	9,474,638	9,856,524	10,218,218	10,397,602	10,587,891	10,836,113	11,061,331	11,417,092	11,677,382	11,816,140	12,437,093	13,027,457	13,677,311	13,671,777	13,728,742	14,020,861	14,643,737

NAICS North American Industry Classification System
 R&D Research and development
 Notes. Implemented using the aggregate output price index.
 Private business gross output with R&D treated as investment and with the double-count of R&D software investment removed.

Table 7.2A. Private Business Gross Output by Industry Unadjusted for R&D as Investment, 1987–2004

[Millions of dollars]

NAICS code	Industry	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
	All for-profit industries ...	7,347,251	7,978,167	8,491,699	8,920,355	8,979,359	9,455,524	9,966,959	10,694,043	11,407,763	12,120,785	12,880,654	13,544,618	14,408,719	15,521,006	15,556,841	15,745,169	16,515,814	17,870,017
325	Chemical manufacturing.....	238,112	270,179	293,078	300,882	306,359	315,871	324,067	344,111	370,441	376,111	405,156	406,761	411,079	437,594	424,960	443,672	474,291	516,644
3254	Pharmaceutical and medicine manufacturing	38,267	43,897	49,928	55,143	62,974	65,849	68,792	73,548	78,637	83,866	89,862	100,891	107,355	114,309	127,082	138,559	149,033	155,409
3251-53, 3255-56, 3259	Chemicals minus pharmaceutical and medicine manufacturing	199,845	226,282	243,150	245,739	243,385	250,022	255,275	270,563	291,804	292,245	315,294	305,870	303,724	323,285	297,878	305,114	325,258	361,235
334	Computer and electronic product manufacturing.....	217,518	238,300	242,686	251,685	253,788	270,157	282,927	317,717	369,074	394,498	432,315	427,795	454,328	500,763	418,777	351,867	350,991	361,351
3341	Computer and peripheral equipment manufacturing	54,195	61,133	58,508	58,061	54,057	59,837	62,314	70,885	83,425	94,181	102,723	103,774	103,876	102,456	86,515	69,809	67,177	63,996
3342	Communications equipment manufacturing.....	35,514	37,693	37,565	40,659	39,880	44,819	47,664	55,735	61,990	71,357	84,208	83,104	96,529	119,129	100,175	64,744	62,200	59,431
3344	Semiconductor and other electronic component manufacturing	49,317	56,119	60,540	61,211	65,917	72,104	79,474	95,404	118,983	125,530	139,353	132,540	146,937	166,380	120,988	111,056	113,926	117,368
3345	Navigational, measuring, electromedical, and control instruments manufacturing	65,895	70,086	72,148	77,220	78,510	77,000	76,166	76,214	83,098	84,819	88,322	89,815	90,177	95,726	95,419	90,362	92,174	102,163
3343, 3346	Other computer and electronic products manufacturing.....	12,596	13,269	13,925	14,535	15,423	16,398	17,309	19,480	21,578	18,611	17,708	18,562	16,808	17,072	15,679	15,897	15,515	18,392
336	Transportation equipment manufacturing.....	368,615	395,068	410,157	403,180	390,880	426,884	452,996	494,486	504,436	517,374	569,410	614,130	668,676	623,644	594,189	627,104	652,573	656,071
3361-63	Motor vehicles, bodies and trailers, and parts manufacturing	241,054	260,088	270,223	249,926	239,870	276,320	311,129	364,186	379,229	383,804	416,859	434,731	494,413	466,809	420,242	463,549	487,026	489,243
3364	Aerospace product and parts manufacturing	106,389	112,213	115,502	128,035	128,106	126,187	115,041	102,078	96,699	102,921	119,590	144,134	136,401	116,547	134,470	122,337	123,400	121,800
3365-66, 3369	Other transportation equipment manufacturing	21,172	22,767	24,432	25,219	22,904	24,377	26,826	28,222	28,508	30,649	32,961	35,265	37,861	40,289	39,478	41,217	42,147	45,029
5112	Software publishers	10,952	13,488	15,563	17,400	19,245	22,194	28,651	35,797	44,452	56,522	66,220	77,031	87,967	96,562	99,762	97,876	99,647	107,177
5415	Computer systems design and related services.....	24,812	28,882	33,171	37,119	40,266	43,944	50,059	58,053	66,057	79,460	101,514	127,163	151,320	172,632	173,346	164,743	164,428	167,703
5417	Scientific R&D services	19,933	23,646	26,205	28,470	28,010	29,555	31,969	33,333	35,100	40,507	47,180	50,728	55,340	61,927	68,772	75,608	79,253	84,634
	All other for-profit industries.....	6,467,309	7,008,604	7,470,839	7,881,619	7,940,811	8,346,918	8,816,289	9,410,546	10,018,204	10,656,313	11,258,859	11,841,009	12,580,009	13,627,883	13,777,035	13,984,300	14,694,630	15,976,437

NAICS North American Industry Classification System
R&D Research and development

Table 7.2B. Real Private Business Gross Output by Industry Unadjusted for R&D as Investment, 1987-2004

[Millions of chained (2000) dollars]

NAICS code	Industry	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
	All for-profit industries ...	9,852,514	10,241,144	10,637,096	10,994,950	11,142,104	11,410,754	11,721,025	12,062,512	12,528,334	12,909,347	13,249,813	14,025,187	14,789,496	15,521,006	15,457,534	15,534,243	15,893,404	16,572,154
325	Chemical manufacturing	342,981	359,651	369,486	373,777	370,604	377,805	379,894	392,038	395,420	400,001	426,509	430,068	433,880	437,594	422,151	440,906	448,977	461,396
3254	Pharmaceutical and medicine manufacturing	74,068	79,046	82,758	84,342	89,315	87,561	87,790	91,054	94,560	98,130	103,201	105,549	109,636	114,309	124,189	132,470	136,508	136,821
3251-53, 3255-56, 3259	Chemicals minus pharmaceutical and medicine manufacturing	266,940	278,967	285,516	288,372	281,424	289,833	291,662	300,575	300,783	302,114	323,407	324,685	324,316	323,285	297,799	308,157	312,102	324,315
334	Computer and electronic product manufacturing	78,397	86,670	89,531	96,482	99,871	111,655	122,884	144,674	188,452	231,762	283,766	330,797	403,400	500,763	474,989	419,872	443,438	476,933
3341	Computer and peripheral equipment manufacturing	6,702	8,152	8,326	9,123	9,382	11,996	14,646	18,420	25,444	36,835	50,804	68,302	89,610	102,456	107,300	103,189	115,223	120,681
3342	Communications equipment manufacturing	28,013	29,915	29,914	32,771	32,145	36,250	38,614	45,643	52,796	61,684	73,389	75,658	91,798	119,129	104,456	70,461	71,264	72,017
3344	Semiconductor and other electronic component manufacturing	8,720	9,786	10,915	12,067	13,697	16,280	19,055	24,839	39,064	52,831	69,462	86,709	117,299	166,380	151,839	142,836	155,856	169,196
3345	Navigational, measuring, electromedical, and control instruments manufacturing	79,128	81,874	81,456	84,625	83,603	80,502	78,564	77,912	83,880	85,199	87,961	89,123	90,028	95,726	95,443	89,315	90,346	99,433
3343, 3346	Other computer and electronic products manufacturing	10,787	11,458	11,913	12,440	13,132	14,125	15,276	17,575	19,812	17,389	16,897	17,883	16,493	17,072	16,050	16,826	16,847	20,656
336	Transportation equipment manufacturing	450,710	476,569	480,475	460,768	433,057	460,125	477,981	510,269	512,596	520,163	573,412	622,063	674,650	623,644	592,614	629,030	650,836	643,253
3361-63	Motor vehicles, bodies and trailers, and parts manufacturing	284,612	301,909	305,215	277,497	259,147	291,703	321,457	367,839	378,545	379,762	414,754	437,051	495,942	466,809	422,375	471,566	496,050	492,853
3364	Aerospace product and parts manufacturing	140,790	147,730	147,316	157,179	151,533	143,938	128,408	111,387	103,356	108,331	124,822	149,559	140,200	116,547	130,914	117,685	115,145	109,889
3365-66, 3369	Other transportation equipment manufacturing	28,455	30,137	31,068	30,870	27,039	27,999	30,295	31,369	30,335	31,990	33,981	36,140	38,636	40,289	38,992	40,408	40,829	41,985
5112	Software publishers	3,622	5,014	6,945	8,905	10,357	14,893	20,180	27,571	36,172	48,748	62,316	76,635	89,024	96,562	101,017	102,243	110,241	124,971
5415	Computer systems design and related services	33,361	37,361	42,352	46,050	48,379	52,084	58,101	66,203	72,497	85,116	105,008	133,944	156,304	172,632	171,780	165,254	167,463	173,658
5417	Scientific R&D services	31,717	35,740	38,170	40,002	37,639	38,571	40,909	41,808	42,140	47,148	53,304	55,531	58,130	61,927	66,162	70,193	71,367	72,234
	All other for-profit industries	9,145,324	9,463,718	9,841,524	10,200,270	10,375,184	10,565,602	10,816,076	11,042,122	11,393,739	11,649,523	11,781,681	12,397,143	12,980,130	13,627,883	13,627,039	13,696,620	13,994,390	14,616,682

NAICS North American Industry Classification System
R&D Research and development

Table 7.3A. Private Business Value Added by Industry With R&D Treated as Investment, 1987–2004

[Millions of dollars]

NAICS code	Industry	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
	All for-profit industries	3,873,074	4,177,849	4,503,772	4,759,012	4,907,014	5,216,006	5,513,600	5,910,107	6,222,274	6,616,445	7,015,223	7,405,170	7,870,164	8,346,448	8,560,636	8,772,209	9,153,452	9,799,940
325	Chemical manufacturing	87,579	98,610	109,078	117,498	122,273	127,783	133,589	148,196	158,032	160,743	172,384	177,521	183,945	188,057	189,504	208,400	220,774	247,011
3254	Pharmaceutical and medicine manufacturing	20,690	23,837	27,347	30,901	35,379	37,839	40,599	45,791	49,371	51,328	56,302	59,172	65,611	69,228	73,936	85,892	98,080	112,204
3251–53, 3255–56, 3259	Chemicals minus pharmaceutical and medicine manufacturing	66,889	74,773	81,731	86,597	86,894	89,944	92,990	102,405	108,660	109,415	116,082	118,349	118,334	118,828	115,568	122,508	122,693	134,807
334	Computer and electronic product manufacturing	97,172	106,141	108,866	111,682	115,319	119,208	122,216	136,345	152,443	164,175	183,883	197,230	193,137	225,681	180,851	164,662	162,844	165,807
3341	Computer and peripheral equipment manufacturing	14,230	15,808	14,584	14,408	13,906	15,375	15,741	17,216	19,331	22,781	25,409	27,623	24,059	27,774	21,586	19,166	17,794	18,660
3342	Communications equipment manufacturing	14,526	15,747	15,978	16,783	16,739	18,462	19,291	22,463	23,714	27,243	32,690	40,417	37,271	47,260	41,731	28,181	25,819	20,800
3344	Semiconductor and other electronic component manufacturing	27,416	31,378	34,321	34,564	37,529	39,815	42,482	51,920	62,385	66,788	76,109	74,342	72,850	81,925	57,302	56,301	57,517	60,068
3345	Navigational, measuring, electromedical, and control instruments manufacturing	36,809	38,751	39,501	41,267	42,199	40,469	39,354	38,694	40,711	41,569	43,899	48,335	52,941	62,244	54,573	55,635	55,913	59,178
3343, 3346	Other computer and electronic products manufacturing	4,192	4,458	4,482	4,659	4,946	5,087	5,348	6,051	6,303	5,793	5,777	6,514	6,016	6,478	5,659	5,379	5,800	7,102
336	Transportation equipment manufacturing	138,977	136,556	136,768	132,019	141,581	150,321	160,725	169,891	165,487	174,525	179,718	193,286	204,050	206,373	192,309	210,265	212,779	201,942
3361–63	Motor vehicles, bodies and trailers, and parts manufacturing	71,379	74,563	72,586	63,502	66,169	81,657	95,797	115,668	112,892	114,813	117,914	123,057	134,010	137,442	118,436	134,875	142,140	126,303
3364	Aerospace product and parts manufacturing	57,042	52,003	53,503	57,586	64,479	57,978	53,293	43,246	41,635	47,082	49,402	55,805	55,081	52,957	58,201	57,456	55,279	58,948
3365–66, 3369	Other transportation equipment manufacturing	10,556	9,991	10,679	10,931	10,933	10,686	11,634	10,977	10,960	12,629	12,402	14,423	14,960	15,974	15,671	17,934	15,360	16,691
5112	Software publishers	6,404	7,845	9,377	9,466	11,040	12,888	16,448	20,613	23,910	33,328	38,618	43,825	52,858	53,789	57,616	55,959	59,252	62,048
5415	Computer systems design and related services	22,264	26,007	29,643	32,170	34,393	38,129	42,478	47,876	52,567	62,762	79,971	93,890	109,121	128,171	135,298	137,838	132,661	134,658
5417	Scientific R&D services	15,287	17,693	19,793	22,878	23,346	25,003	26,931	27,378	28,093	31,547	36,362	41,073	44,562	50,478	53,711	54,208	56,418	60,041
	All other for-profit industries	3,505,390	3,784,996	4,090,247	4,333,299	4,459,062	4,742,673	5,011,214	5,359,809	5,641,742	5,989,366	6,324,286	6,658,345	7,082,490	7,493,900	7,751,347	7,940,878	8,308,724	8,928,433

NAICS North American Industry Classification System

R&D Research and development

NOTE: Private business value added with R&D treated as investment and with the double-count of R&D software investment removed.

Table 7.3B. Real Private Business Value Added by Industry With R&D Treated as Investment, 1987-2004

[Millions of chained (2000) dollars]

NAICS code	Industry	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
	All for-profit industries.....	5,102,061	5,306,577	5,528,725	5,766,691	5,945,832	6,123,892	6,344,725	6,561,804	6,813,933	7,049,207	7,234,054	7,610,095	8,003,076	8,346,448	8,453,386	8,550,617	8,774,237	9,160,838
325	Chemical manufacturing	127,514	126,685	130,971	142,451	141,263	145,277	148,702	159,741	157,940	162,989	172,304	173,359	183,804	188,057	185,617	205,229	211,308	231,979
3254	Pharmaceutical and medicine manufacturing	40,986	43,582	44,962	46,004	47,554	46,803	48,096	52,960	56,830	58,104	63,017	59,655	65,688	69,228	72,878	82,899	90,038	100,387
3251-53, 3255-56, 3259	Chemicals minus pharmaceutical and medicine manufacturing	85,689	83,338	86,204	95,780	93,489	97,913	100,052	106,310	101,291	104,984	109,634	113,644	118,114	118,828	112,762	122,328	120,943	131,090
334	Computer and electronic product manufacturing	17,938	20,738	21,884	23,438	24,801	27,262	30,500	37,159	51,355	67,258	88,095	122,985	153,644	225,681	226,795	226,565	249,520	282,401
3341	Computer and peripheral equipment manufacturing	43	62	69	88	110	174	292	420	727	1,649	3,482	8,056	15,682	27,774	39,823	62,416	86,518	116,719
3342	Communications equipment manufacturing	13,758	16,098	16,128	16,437	15,445	16,557	17,073	20,300	22,486	24,822	28,494	35,667	34,612	47,260	43,528	32,226	32,915	31,384
3344	Semiconductor and other electronic component manufacturing	1,348	1,581	1,859	2,158	2,536	3,067	3,643	5,187	9,410	14,975	22,266	33,896	47,022	81,925	88,604	91,057	105,210	124,794
3345	Navigational, measuring, electromedical, and control instruments manufacturing	66,171	68,589	66,450	64,767	62,141	56,642	53,416	51,477	51,588	47,999	46,899	49,000	53,122	62,244	53,754	53,589	53,298	56,833
3343, 3346	Other computer and electronic products manufacturing	8,916	10,615	11,008	10,020	10,554	10,062	10,945	12,560	12,576	7,038	5,265	5,858	5,610	6,478	5,957	6,152	7,011	9,308
336	Transportation equipment manufacturing	179,336	182,826	178,498	167,547	168,928	169,159	174,399	179,783	177,375	180,669	186,101	199,702	205,627	206,373	189,356	211,525	214,823	209,114
3361-63	Motor vehicles, bodies and trailers, and parts manufacturing	86,518	95,058	90,798	78,782	76,327	88,172	98,819	115,943	116,409	114,441	118,833	125,142	132,720	137,442	119,066	141,956	152,701	142,769
3364	Aerospace product and parts manufacturing	81,943	76,835	76,618	78,274	83,188	71,041	63,660	50,519	48,129	52,763	54,376	60,004	57,776	52,957	54,978	53,126	49,151	50,917
3365-66, 3369	Other transportation equipment manufacturing	15,702	14,683	15,041	14,975	14,257	13,281	14,207	13,343	12,585	13,694	13,069	14,886	15,251	15,974	15,105	17,055	14,564	15,933
5112	Software publishers	966	1,476	2,430	3,134	4,005	6,768	9,310	13,526	17,335	26,431	35,355	43,498	53,712	53,789	58,660	59,821	69,341	79,662
5415	Computer systems design and related services	32,140	36,079	40,573	42,703	44,060	48,071	52,262	57,686	60,429	69,559	84,494	100,938	113,742	128,171	133,652	138,380	136,031	141,524
5417	Scientific R&D services.....	16,660	18,633	20,351	23,168	22,954	24,420	26,184	26,519	27,281	31,250	36,561	41,819	45,190	50,478	53,521	53,137	55,041	57,005
	All other for-profit industries...	4,905,166	5,088,434	5,303,305	5,534,665	5,711,128	5,866,591	6,060,757	6,226,194	6,428,471	6,587,410	6,678,904	6,948,453	7,256,168	7,493,900	7,605,546	7,655,725	7,843,810	8,173,866

NAICS North American Industry Classification System
R&D Research and development

Notes. Implemented using the aggregate output price index. Private business value added with R&D treated as investment and with the double-count of R&D software investment removed.

Table 7.4A. Private Business Value Added by Industry Unadjusted for R&D as Investment, 1987–2004

[Millions of dollars]

NAICS code	Industry	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
	All for-profit industries	3,807,477	4,106,418	4,425,072	4,676,733	4,815,975	5,121,262	5,418,437	5,812,421	6,113,150	6,494,969	6,880,515	7,259,732	7,711,009	8,167,966	8,380,387	8,609,304	8,988,042	9,633,671
325	Chemical manufacturing ...	76,982	86,579	96,006	103,138	106,549	111,238	115,470	129,858	138,541	140,654	150,846	153,362	157,142	157,057	174,363	179,485	198,440	
3254	Pharmaceutical and medicine manufacturing	15,133	17,407	20,260	23,223	26,603	28,073	29,536	34,076	36,558	38,546	41,512	44,824	47,224	47,138	53,183	60,627	65,113	71,712
3251–53, 3255–56, 3259	Chemicals minus pharmaceutical and medicine manufacturing	61,849	69,171	75,746	79,915	79,946	83,165	85,933	95,782	101,983	102,108	109,334	108,538	109,918	109,919	104,043	113,736	114,372	126,728
334	Computer and electronic product manufacturing	83,239	91,733	94,409	97,461	100,991	103,945	107,029	119,235	131,185	139,341	154,403	165,673	162,777	185,563	136,931	124,152	124,001	129,530
3341	Computer and peripheral equipment manufacturing	10,627	12,080	10,836	10,776	10,250	11,475	11,866	12,832	13,895	16,427	17,851	19,630	20,461	23,366	19,088	16,422	15,787	14,645
3342	Communications equipment manufacturing	13,279	14,467	14,714	15,806	15,780	17,451	18,309	21,347	22,221	25,446	30,490	32,560	30,899	34,938	24,111	17,316	15,923	14,540
3344	Semiconductor and other electronic component manufacturing	20,901	24,638	27,549	27,616	30,508	32,326	35,011	43,515	52,041	54,751	61,868	64,987	62,109	69,227	42,531	40,935	41,306	42,834
3345	Navigational, measuring, electromedical, and control instruments manufacturing	34,490	36,349	37,086	38,862	39,766	37,884	36,773	35,804	37,113	37,375	38,954	42,545	44,014	51,833	46,604	44,635	45,845	51,462
3343	Other computer and electronic products manufacturing	3,942	4,199	4,223	4,401	4,686	4,809	5,070	5,738	5,916	5,342	5,240	5,950	5,294	6,199	4,597	4,844	5,140	6,050
336	Transportation equipment manufacturing	123,137	120,293	119,931	115,850	124,817	131,705	142,089	150,254	144,211	151,727	157,513	172,170	179,649	182,544	170,757	188,524	186,444	175,498
3361–63	Motor vehicles, bodies and trailers, and parts manufacturing	63,493	66,090	63,208	54,458	56,671	71,964	84,607	103,150	98,686	99,422	103,095	108,827	115,397	118,105	101,582	118,882	124,093	109,830
3364	Aerospace product and parts manufacturing	49,485	44,600	46,414	50,801	57,560	49,488	46,240	36,502	34,926	40,053	42,388	49,286	49,855	49,101	54,305	52,551	47,955	50,015
3365–66, 3369	Other transportation equipment manufacturing	10,159	9,603	10,310	10,591	10,586	10,253	11,243	10,603	10,598	12,251	12,030	14,057	14,398	15,338	14,870	17,091	14,396	15,654
5112	Software publishers	5,690	6,845	8,162	8,944	10,049	11,878	14,894	19,032	21,953	28,732	33,191	36,597	44,868	44,938	47,885	47,893	49,385	53,555
5415	Computer systems design and related services	21,984	25,424	28,865	32,147	33,960	37,741	41,968	47,553	52,143	61,960	78,642	92,862	107,792	125,744	127,064	127,323	124,333	131,108
5417	Scientific R&D services	14,784	17,225	18,844	20,995	20,524	22,125	23,991	24,426	25,100	28,063	31,957	34,944	37,853	42,296	44,484	46,518	49,784	52,467
	All other for-profit industries	3,481,661	3,758,319	4,058,854	4,298,198	4,419,083	4,702,632	4,972,975	5,322,062	5,600,018	5,944,491	6,273,963	6,604,124	7,020,927	7,429,824	7,696,040	7,900,531	8,274,609	8,893,073

NAICS North American Industry Classification System
R&D Research and development

Table 7.4B. Real Private Business Value Added by Industry Unadjusted for R&D as Investment, 1987–2004
 (Millions of chained (2000) dollars)

NAICS code	Industry	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
	All for-profit industries	5,073,423	5,273,657	5,489,972	5,725,268	5,896,250	6,070,285	6,291,826	6,506,958	6,743,524	6,958,491	7,121,958	7,477,801	7,849,505	8,167,966	8,264,976	8,375,700	8,593,572	8,976,585
325	Chemical manufacturing	122,073	119,324	122,726	133,271	130,512	133,611	135,289	146,520	142,833	146,349	153,356	150,539	157,519	157,057	152,407	169,723	168,764	182,384
3254	Pharmaceutical and medicine manufacturing	40,947	42,439	42,968	43,089	43,251	40,717	40,348	44,976	47,485	48,107	50,200	46,239	47,665	47,138	51,421	56,646	56,709	60,245
3251–53, 3255–56, 3259	Chemicals minus pharmaceutical and medicine manufacturing	81,965	78,959	81,541	90,554	88,000	92,855	94,511	101,329	95,994	98,773	103,666	104,325	109,856	109,919	100,971	113,082	112,094	122,404
334	Computer and electronic product manufacturing...	11,953	14,110	15,037	16,307	17,407	19,203	21,836	26,883	37,569	49,701	65,686	95,381	124,188	185,563	180,690	184,527	211,506	252,871
3341	Computer and peripheral equipment manufacturing	2	4	4	6	8	15	32	50	98	319	911	3,416	12,283	23,366	39,573	66,021	99,791	125,204
3342	Communications equipment manufacturing	12,639	14,990	15,060	15,659	14,686	15,760	16,299	19,423	21,221	23,180	26,373	28,292	28,315	34,938	25,253	21,029	22,843	26,638
3344	Semiconductor and other electronic component manufacturing	575	704	865	1,035	1,265	1,572	1,940	2,895	5,638	9,493	14,715	26,083	37,053	69,227	72,923	74,302	88,614	109,730
3345	Navigational, measuring, electromedical, and control instruments manufacturing	67,432	69,977	67,688	65,876	63,045	56,872	53,406	50,870	49,870	45,040	42,763	43,682	44,370	51,833	45,503	42,317	42,840	48,508
3343, 3346	Other computer and electronic products manufacturing	9,266	11,143	11,589	10,486	11,082	10,493	11,467	13,167	12,993	6,743	4,785	5,324	4,911	6,199	4,853	5,626	6,349	8,217
336	Transportation equipment manufacturing	169,620	173,143	167,971	157,125	158,072	155,878	161,279	165,654	160,712	161,199	166,243	179,928	181,677	182,544	167,120	188,734	187,316	181,524
3361–63	Motor vehicles, bodies and trailers, and parts manufacturing	81,810	90,334	84,690	72,254	69,203	81,349	90,774	107,082	105,396	101,324	105,655	111,829	114,439	118,105	101,694	125,255	133,735	125,467
3364	Aerospace product and parts manufacturing	77,499	72,356	72,762	75,015	80,262	64,968	58,904	45,263	42,542	46,575	47,865	53,727	52,629	49,101	50,944	48,122	41,990	42,344
3365–66, 3369	Other transportation equipment manufacturing	15,434	14,418	14,818	14,791	14,055	12,949	13,937	13,080	12,313	13,392	12,749	14,558	14,702	15,338	14,284	16,177	13,579	14,871
5112	Software publishers	713	1,105	1,918	2,759	3,424	6,095	8,283	12,444	15,907	22,816	30,828	36,921	46,073	44,938	48,461	51,222	58,645	70,902
5415	Computer systems design and related services	32,163	35,730	40,054	43,237	44,074	48,235	52,329	58,036	60,605	69,283	83,620	100,309	112,636	125,744	125,135	127,457	127,184	137,574
5417	Scientific R&D services	26,048	28,674	30,150	32,266	29,942	31,210	33,151	33,044	32,309	34,685	37,968	39,549	40,371	42,296	42,069	41,804	42,946	42,362
	All other for-profit industries	4,893,643	5,074,229	5,284,263	5,511,692	5,683,172	5,838,835	6,035,730	6,202,099	6,399,016	6,552,196	6,635,410	6,897,997	7,195,994	7,429,824	7,548,079	7,612,206	7,805,769	8,134,420

NAICS North American Industry Classification System
 R&D Research and development

**Table 8. Gross Output, Intermediate Inputs, and Value Added for Pharmaceutical and Medicine Manufacturing
Unadjusted and Adjusted for R&D as Investment, 1987 and 2004**

Line	Steps	Description	1987	2004
			(Millions of dollars)	
1	Industry gross output before adjustments	Tabulation of BEA GDP-by-industry data, including unpublished detail¹	38,267	155,409
2	Plus: Own-account R&D investment, which is calculated as		1,192	10,891
3	National Science Foundation (NSF) R&D expenditures from the Survey of Industrial R&D (SIRD) ²	Funds for industrial R&D performed in the United States. ³ The value for 1987 is estimated based on 1987 SIRD data for the SIC-based drugs and medicines industry using standard BEA methods for (a) converting SIC data to NAICS and (b) estimating suppressed values.	3,603	31,477
4	Plus: Adjustments to account for the full cost of production and to create a consistent time series	(1) A capital consumption adjustment is made to convert business depreciation to the national accounting concept—consumption of fixed capital (CFC). (2) Expenditures for Federally funded research and development centers (FFRDCs) are removed for years when they are included in the industry performance total.	66	454
5	Less: The cost for R&D performed in company headquarters (NAICS 551), R&D services subsidiary establishments, and auxiliary R&D services establishments (both in NAICS 5417)	This estimate is based on R&D payroll in company headquarters (NAICS 551) and R&D services subsidiary establishments, and auxiliary R&D services establishments (both in NAICS 5417), using unpublished data from the Census Bureau and SIRD.	2,122	18,471
6	Less: The cost of R&D funded by the Federal Government	Federally funded industry performed R&D adjusted for CFC. ³	(D)	(D)
7	Less: The cost of R&D funded by state and local (S&L) governments	Total funding estimated in the NIPA-based R&D satellite account, less an estimate of the gap between funder outlays and costs. ⁴ Total costs distributed across industries using the distribution of Federally funded R&D, excluding the aerospace product and parts manufacturing industry (NAICS 3364) and the navigational, measuring, electromedical, and control instruments manufacturing industry (NAICS 3345). These types of R&D are assumed to be primarily defense related.	(D)	(D)
8	Less: The cost of R&D funded by nonprofit institutions serving households	Assumed to be zero.	0	0
9	Less: The cost of (1) R&D sold to other domestic businesses and (2) exported R&D	For both domestic purchases and exports, costs are calculated for this step using an estimate of the gap between funder outlays and costs. ⁴ Total R&D sold to other domestic businesses is estimated with industry purchases from other domestic for-profit companies. The industry is assumed to sell R&D in proportion to their performance. ⁵ Cost of exports are based on BEA international services trade data for research, development, and testing services. ⁶	(D)	(D)
10	Plus: R&D expenses to create software that are not accounted for in NSF data	Special tabulation of BEA own-account software R&D. These expenses are added for time series consistency. They are removed in the step below in the double-count adjustment.	12	No adjustment necessary
11	Less: The double-counting of own-account R&D software investment	For 1987, a special tabulation of BEA own-account software data was performed. For 2004, values come from SIRD.⁷	12	106
12	Equals: Gross output adjusted for own-account R&D as investment		39,447	166,194
13	Intermediate inputs before capitalization	Tabulation of GDP-by-industry data, including unpublished detail.¹	23,134	83,697
14	Less: Total purchased R&D, calculated as the sum of		4,377	29,706
15	Cost of R&D performed in a company headquarters (NAICS 551) or R&D services auxiliary (NAICS 5417) and transferred for use in pharmaceutical and medicine manufacturing establishments (line 5)	The costs incurred in NAICS 5417 and NAICS 551 establishments, described in line 5, are transferred as the sum of production costs. The auxiliary establishment component of NAICS 5417 output is estimated with the ratio of auxiliary output to total private output of NAICS 5417 data from the Economic Census.	1,203	8,447
16	Plus: R&D purchased from a R&D services (NAICS 5417) domestic subsidiary for use in pharmaceutical and medicine manufacturing establishments (line 5)	These costs are adjusted with an estimate of the gap between receipts and costs to represent the purchase value of R&D output. ⁴	1,189	11,743
17	Plus: Purchases of non-science and engineering R&D from for-profit R&D services establishments (NAICS 54172)	Total purchases for all industries are based on BEA's annual input-output values. Capitalized R&D should include social science R&D, and this measure provides a partial estimate. This industry share is proxied with the distribution of business purchases of R&D from non-profits and universities and colleges from SIRD. ⁵	663	2,251
18	Plus: Industry-funded R&D performed by academic institutions	Total for all industries from unpublished detail from the NIPA-based R&D satellite account estimate. Industry share comes from SIRD data on company-funded R&D performed by universities and colleges. ⁵	443	1,215
19	Plus: Industry-funded R&D performed by nonprofit institutions serving households	Total for all industries from unpublished detail from the NIPA-based R&D satellite account estimate. Industry share comes from SIRD data on company-funded R&D performed by nonprofit organizations (other than universities and colleges). ⁵	144	360
20	Plus: Industry-funded R&D performed by FFRDCs	Total for all industries from unpublished detail from the NIPA-based R&D satellite account estimate. Industry share assumes that the same industries purchase R&D from FFRDCs as perform R&D for the Federal government.	(D)	(D)
21	Plus: Industry-funded R&D performed by S&L governments	Total for all industries from unpublished detail from the NIPA-based R&D satellite account estimate. Industry share is proxied with SIRD data on company-funded R&D performed by academic and non-profit organizations. ⁵	(D)	(D)
22	Plus: (1) Domestic purchases of R&D from other for-profit companies and (2) imports of R&D	Industry purchases are estimated based on SIRD data on business purchases of R&D from other domestic for-profit companies. ⁵ Industry imports are estimated based on BEA data on international trade in R&D services. ⁶	(D)	(D)
23	Intermediate inputs including R&D adjustments (line 13 less line 14)⁸		18,757	53,990
24	Value added before adjustments (line 1 less line 13)	Tabulation of BEA GDP-by-industry data, including unpublished detail.¹	15,133	71,712
25	Plus: Total R&D investment less the double-counting of own-account R&D software investment (line 2 plus line 14 less line 11)	For 1987, own-account R&D software investment values are BEA estimates. For 2004, values come from SIRD. ⁷	5,557	40,491
26	Value added including R&D adjustments (line 12 less line 23)		20,690	112,204
27	Addendum: Total R&D investment including software R&D (line 2 plus line 14)		5,569	40,597

GDP Gross domestic product

NIPAs National income and product accounts

NAICS North American Industry Classification System

R&D Research and development

SIC Standard Industrial Classification

D Suppressed to avoid disclosure of data from individual companies.

1. BEA GDP-by-industry data are available at <www.bea.gov/industry/gdpbyind_data.htm>.

2. NSF SIRD data are available at <www.nsf.gov/statistics/industry>. Historical data are provided in the Industrial Research and Development Information System at <www.nsf.gov/statistics/iris>.

3. 2004 SIRD, table 1.

4. Estimated with the ratio of net operating surplus to gross output for miscellaneous professional, scientific, and technical services (NAICS 54120P) from BEA's GDP-by-industry data, various years.

5. 2004 SIRD, table 12.

6. BEA international services trade data are available at <www.bea.gov/international/intserv.htm>. Industry detail is based on a tabulation of unpublished data for the years 1997–2004 for both affiliated and unaffiliated trade.

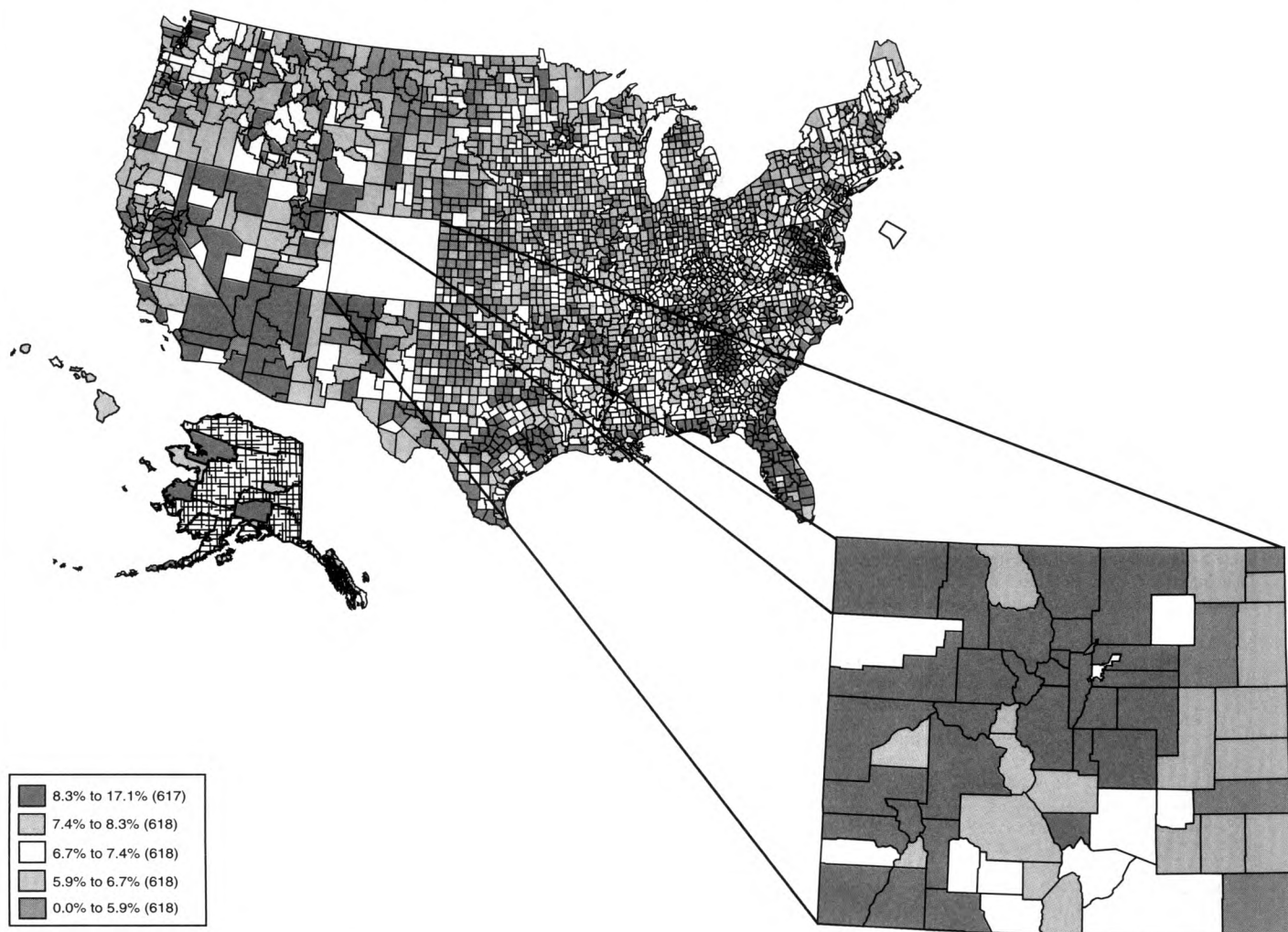
7. 2004 SIRD, table 7.

8. Off by one because of rounding.

Interactive State and County Maps of Personal Income and Its Components

- Display a map for any line from any table of the state and local area personal income accounts
 - For counties, metropolitan areas, micropolitan areas, states, and BEA regions
- Create maps to display dollar amounts, growth rates, or shares of the Nation for the selected income or employment item
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Personal Income: Average Growth Rates for 1969–2005



U.S. International Services

Cross-Border Trade in 2006 and Sales Through Affiliates in 2005

By Jennifer Koncz and Anne Flatness

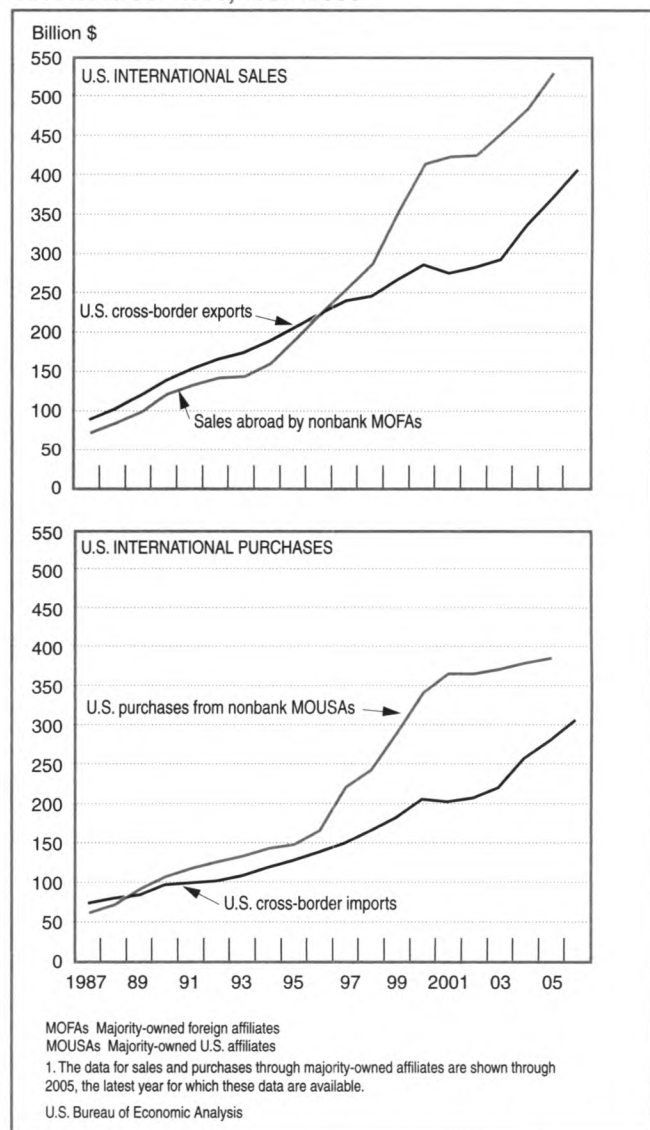
IN this presentation of U.S. international sales and purchases of services, the Bureau of Economic Analysis (BEA) takes a broad perspective by including both services that cross borders and are thus included in the international transactions accounts as exports and imports and services delivered by multinationals' affiliates through the channel of direct investment. This approach accounts for the importance of proximity to customers in the delivery of services, which leads many companies to serve foreign markets, partly or wholly, through their affiliates. In 2005 (the latest year for which data on sales through affiliates are available), as in previous years, the majority of both U.S. international sales and purchases of services was through affiliates (table A and chart 1¹).

In 2006, U.S. cross-border exports of private services totaled \$404.3 billion, and U.S. cross-border imports of private services totaled \$307.8 billion. The resulting surplus on cross-border trade in private services was \$96.6 billion, up 12 percent from \$86.2 billion in 2005. In contrast to the persistent deficit on goods trade, which reached \$838.3 billion in 2006, the United States has historically run surpluses on trade in services. In 2005, U.S. sales of services to foreign markets through foreign affiliates of U.S. companies totaled \$528.5 billion, and U.S. purchases of services from U.S. affiliates of foreign companies totaled \$389.0 billion. The difference between U.S. sales and U.S. purchases through affiliates in 2005 was \$139.5 billion, up from \$101.1 billion in 2004.

In 2006, cross-border exports of services increased 10 percent, the same as in 2005; cross-border imports

grew 9 percent in 2006, also the same as in 2005 (table B). Both cross-border exports and imports increased in all major service categories in 2006 (table C). The largest increase in cross-border exports, in both dollar and percentage terms, was in "other private services," which accounted for almost two-thirds of the dollar increase. Increased exports in "business, professional, and technical services" and in financial services

Chart 1. U.S. International Sales and Purchases of Private Services, 1987–2006¹



contributed the most to the increase in “other private services” exports. The next largest increase was in “other transportation,” which includes services provided by ocean, air, land, pipeline, and inland waterway carriers to transport goods to and from the United States and between foreign ports. The largest increase

Table B. Sales of Services to Foreign and U.S. Markets Through Cross-Border Trade and Through Affiliates

	Through cross-border trade ¹		Through nonbank majority-owned affiliates ²	
	U.S. exports (receipts)	U.S. imports (payments)	Sales to foreign persons by foreign affiliates of U.S. companies ³	Sales to U.S. persons by U.S. affiliates of foreign companies
Billions of dollars				
1986.....	77.5	64.7	60.5	n.a.
1987.....	87.0	73.9	72.3	62.6
1988.....	101.0	81.0	83.8	73.2
1989.....	117.9	85.3	99.2	94.2
1990.....	137.2	98.2	121.3	109.2
1991.....	152.4	99.9	131.6	119.5
1992.....	164.0	103.5	140.6	128.0
1993.....	171.6	109.4	142.6	134.7
1994.....	186.7	120.3	159.1	145.4
1995.....	203.7	128.7	190.1	149.7
1996.....	222.1	138.8	223.2	168.4
1997.....	238.5	151.5	255.3	(*) 223.1
1998.....	244.4	165.6	286.1	245.5
1999.....	265.1	183.0	(*) 353.2	293.5
2000.....	284.0	207.4	413.5	344.4
2001.....	272.8	204.1	421.7	367.6
2002.....	279.6	209.0	423.5	367.6
2003.....	290.2	221.9	452.5	374.1
2004.....	333.0	259.2	483.0	382.0
2005.....	367.8	281.6	528.5	389.0
2006.....	404.3	307.8	n.a.	n.a.
Percent change from prior year				
1987.....	12.2	14.2	19.5	.....
1988.....	16.0	9.5	15.9	17.0
1989.....	16.8	5.3	18.4	28.7
1990.....	16.4	15.1	22.2	15.9
1991.....	11.1	1.8	8.5	9.5
1992.....	7.6	3.5	6.8	7.1
1993.....	4.6	5.8	1.5	5.3
1994.....	8.8	9.9	11.6	8.0
1995.....	9.1	7.0	19.4	2.9
1996.....	9.0	7.8	17.4	12.5
1997.....	7.4	9.1	14.4	(*)
1998.....	2.5	9.4	12.0	10.1
1999.....	8.5	10.5	(*)	19.6
2000.....	7.1	13.3	17.1	17.3
2001.....	-3.9	-1.6	2.0	6.7
2002.....	2.5	2.4	0.4	(*)
2003.....	3.8	6.2	6.8	1.8
2004.....	14.7	16.8	(*) 6.7	2.1
2005.....	10.5	8.7	9.4	1.9
2006.....	9.9	9.3	n.a.	n.a.

n.a. Not available.

* A non-zero value between -0.05 and 0.05 percent.

1. The estimates for 2003-2005 are revised from those published in last year's article in this series. See Christopher L. Bach, "Annual Revision of the U.S. International Accounts, 1997-2006," SURVEY OF CURRENT BUSINESS 87 (July 2007): 37-53.

2. The estimates for 2004 are revised from those published in last year's article. The estimates for 2005 are preliminary.

3. The figures shown in this column for 1986-88 have been adjusted, for the purposes of this article, to be consistent with those for 1989 forward, which reflect definitional and methodological improvements made in the 1989 Benchmark Survey of U.S. Direct Investment Abroad. The primary improvement was that investment income of affiliates in finance and insurance was excluded from sales of services. The adjustment was made by assuming that investment income of finance and insurance affiliates in 1986-88 accounted for the same share of sales of services plus investment income as in 1989.

4. Beginning in 1997, sales by U.S. affiliates were classified as goods or services based on industry codes derived from the North American Industry Classification System; the estimates for prior years were based on codes derived from the 1987 Standard Industrial Classification System. This change resulted in a redefinition of sales of services by affiliates, which resulted in a net shift of sales from goods to services. See the box "Changes in the Definition and Classification of Sales of Services by U.S. Affiliates" in the October 1999 Survey, page 61.

5. Beginning in 1999, sales by foreign affiliates were classified as goods or services based on industry codes derived from the North American Industry Classification System; the estimates for prior years were based on codes derived from the 1987 Standard Industrial Classification System. This change resulted in a redefinition of sales of services by affiliates, which resulted in a net shift of sales from goods to services. See the box "Changes in the Definition and Classification of Sales of Services by Foreign Affiliates" in the November 2001 Survey, page 58.

6. In 2004, BEA began to require that the nonbank units of U.S. banks (including bank and financial holding companies), which were required to file separately in the past, be consolidated on the reports of the banks that owned them. Because the data on sales of services abroad cover only sales by affiliates of nonbank U.S. parents, the change in reporting requirements caused the affiliates of the affected parents to drop out of the data. As a result, the measured change in sales between 2003 and 2004, as computed from the table above, was reduced by about 2 percent. After allowing for the effects of the change, the increase in 2004 would have been about 9 percent. (A parallel change was introduced in the series on sales by U.S. affiliates of foreign companies in 2002, but it did not result in a material discontinuity in the estimates.)

Table C. Cross-Border Services

[Percent change from the preceding year]

	Exports		Imports	
	2005	2006	2005	2006
Private services.....	10	10	9	9
Travel.....	10	5	5	4
Passenger fares.....	11	6	6	5
Other transportation.....	12	12	14	5
Royalties and license fees.....	9	5	6	7
Other private services.....	11	14	9	17

in cross-border imports, in both dollar and percentage terms, was in “other private services,” mainly reflecting increases in “business, professional, and technical services” and in insurance.

U.S. sales of services abroad through foreign affiliates of U.S. companies increased 9 percent in 2005 after increasing 7 percent in 2004.² This marked the third straight year of strong sales growth, following a historical low of less than 1-percent growth in 2002. Sales of services abroad by foreign affiliates grew strongly across all geographic areas and several industry sectors. The largest increases were for affiliates in “finance (except depository institutions) and insurance” and in “professional, scientific, and technical services.” For affiliates in some countries, depreciation of the dollar against local currencies, particularly the Canadian dollar and the euro, boosted sales in dollar terms. However, increases in sales by affiliates were to a large extent driven by industry-specific factors. For example, the increase in “finance (except depository institutions) and insurance” reflected a pickup in activity in financial markets, higher commissions for commodities trading due to increased prices, and increased demand for insurance products in the Asia and Pacific region.

U.S. purchases of services from the U.S. affiliates of foreign multinational companies grew 2 percent for the third consecutive year after having slowed to almost no increase in 2002. The pattern of slow growth in recent years contrasts with the period 1998-2000, which was characterized by very rapid growth. During that period, net additions to the affiliate universe resulting from a boom in international merger and acquisition activity boosted sales of services. In contrast, in recent years the pace of new investment by foreign companies has been slower.

In 2005, increases in U.S. purchases of services were largest in administration, support, and waste management and in transportation and warehousing. Shifts in

2. After accounting for the effects of a change in reporting requirements for the nonbank units of U.S. banks, the increase in 2004 would have been about 9 percent. For more information on this change, see footnote 6 in table B in this article and the box “The 2004 Benchmark Survey of U.S. Direct Investment Abroad and the Treatment of Nonbank Units of Banks” in Jennifer Konz, Michael Mann, and Erin Nephew, “U.S. International Services: Cross-Border Trade in 2005 and Sales Through Affiliates in 2004,” SURVEY OF CURRENT BUSINESS 86 (October 2006): 19.

some affiliates' activities to focus on services rather than on manufacturing, contributed to the increase.³ Overall growth in sales was dampened by decreases in information. In this sector, corporate restructurings resulted in some previously majority-owned affiliates becoming minority-owned and therefore exiting the sales-through-affiliates data set, which covers only majority-owned U.S. affiliates.

It is difficult to compare precisely international services delivered through cross-border transactions with those delivered through affiliates because of differences in coverage, measurement, and classification. For example, data on cross-border sales and purchases of services are collected and published by type of service, whereas data on sales through affiliates are published by primary industry of the affiliate.⁴ Despite these differences, the large gap between sales through cross-border transactions and through affiliates suggests that the latter is the larger channel for both U.S. sales and U.S. purchases of private services in international markets (charts 2 and 3).

The remainder of this article consists of four main sections. The first section presents preliminary estimates of cross-border exports and imports of private services for 2006 and revised estimates for 2003–2005. The second section presents preliminary estimates of sales through affiliates for 2005 and revised estimates for 2004. The third section discusses revisions to the estimates, and the fourth section highlights improvements to the estimates of international services.

U.S. Cross-Border Trade in 2006

U.S. exports of private services (receipts) increased 10 percent to \$404.3 billion in 2006 after increasing 10

3. Because BEA data on sales through affiliates are classified by primary industry of activity, the shift in composition of affiliates' activities led some affiliates to be classified out of manufacturing and into other sectors in 2005. The reclassification of an affiliate increases sales of services in the industry to which it is classified and decreases sales of services in the industry from which it was classified, but in and of itself it does not affect the overall year-to-year change in sales of services abroad. However, for affiliates that were reclassified into the administration, support, and waste management sector and the transportation and warehousing sector, sales of services rose in 2005. Thus, overall sales of services increased, not just sales of services in the sectors to which affiliates were classified, as a result of growth in the activities of these affiliates.

4. One source of difference in coverage has been the inclusion of services provided by banks in the cross-border data but not in the data on sales of services through affiliates, which is limited to sales by nonbank affiliates and, in the case of U.S. multinationals' foreign affiliates, nonbank affiliates with nonbank parents. BEA is working to address this data gap. In its most recent benchmark surveys for U.S. direct investment abroad and foreign direct investment in the United States, BEA collected data needed to estimate sales of services through bank affiliates, and it has proposed to introduce coverage of banks in its annual survey of U.S. direct investment abroad, beginning with data for 2007. An example of a difference in measurement has been the estimation of insurance services, which is also being addressed by BEA with the collection of new data items on insurance beginning with the most recent benchmark surveys and continuing in the following annual surveys. For more information, see the box "Supplemental Measures of Insurance, Trade Services, and Financial Services Sold through Affiliates."

percent in 2005. U.S. imports of private services (payments) increased 9 percent to \$307.8 billion after increasing 9 percent. The services surplus increased 12 percent in 2006, down from a 17-percent increase in 2005. The services surplus increased for the third straight year.

Growth in both exports and imports of services remained strong in 2006. Increases in real gross domestic product (GDP) growth of major U.S. trading partners contributed to the continued growth in exports. In the United Kingdom, real GDP growth rose to 2.8 percent from 1.8 percent; in the euro area, it rose to 3.0 percent from 1.8 percent, and in Japan, it rose to 2.2 percent from 1.9 percent. Real GDP growth in Canada fell slightly, to 2.8 percent from 3.1 percent. GDP growth in the United States also slowed slightly in 2006, falling to 2.9 percent from 3.1 percent. Despite this slowdown, U.S. demand for services imports remained strong.

U.S. cross-border trade in services was also affected by changes in the foreign-currency value of the dollar. In 2006, the dollar depreciated 6 percent against the Canadian dollar, less than 1 percent against the euro, and 1 percent against the British pound.⁵ The dollar appreciated 6 percent against the Japanese yen and less than 1 percent against the Mexican peso. The depreciation of the U.S. dollar against the Canadian dollar and the euro continued a trend in recent years.

Much of the growth in both exports and imports of private services in 2006 was accounted for by increases in "other private services," especially in "business, professional, and technical services." Financial services also contributed significantly to the growth in receipts, while insurance services contributed significantly to the growth in payments. Growth in both receipts and payments for travel and passenger fares slowed in 2006; growth in receipts slowed more than growth in payments. Growth in receipts for "other transportation" matched the growth recorded in 2005, but growth in payments slowed.

Trade with Europe and Asia and Pacific accounted for two-thirds of total U.S. cross-border exports and imports of private services in 2006 (chart 4). The United Kingdom, Japan, Canada, Germany, and Mexico continued to be the largest services trading partners of the United States (table D). Services trade with China and India continued to grow rapidly in comparison with services trade with most other countries. U.S. services exports to China and India increased over 20 percent in 2006.

Trade within multinational companies (affiliated trade) accounted for 26 percent of U.S. exports of private services in 2006 and for 23 percent of U.S. imports of private services. Affiliated exports of private services

5. Annual exchange rates are period averages.

increased 9 percent in 2006 after increasing 10 percent in 2005. Affiliated imports of private services increased 15 percent after a 16-percent increase. Additional information on affiliated trade in services is available in table E.

Travel

Receipts. U.S. travel receipts increased 5 percent to \$85.7 billion in 2006 after increasing 10 percent in 2005. Although growth in travel receipts slowed, 2006 marked the third straight year of growth following 3 years of declines. Most of the slowdown in 2006 was attributable to slower growth in travel receipts from overseas (countries other than Canada and Mexico).

Growth in receipts from visitors from overseas fell to 3 percent in 2006 from 9 percent in 2005, as the number of visitors declined slightly, following 2 years of growth. The number of visitors from Japan declined 5 percent in 2006, following an increase of 4 percent in 2005, leading to a drop in receipts from Japan. Receipts from the rest of Asia and the Pacific, however, increased, driven by a 7-percent increase in the number of visitors. The number of visitors from Europe declined 2 percent in 2006, following a 7-percent increase in 2005, leading to slowed growth in receipts from Europe.

Travel receipts from Canada grew 14 percent to \$10.3 billion in 2006, matching the 2005 growth rate. The number of travelers from Canada grew 6 percent

Chart 2. U.S. International Sales and Purchases of Services by Major Area in 2005

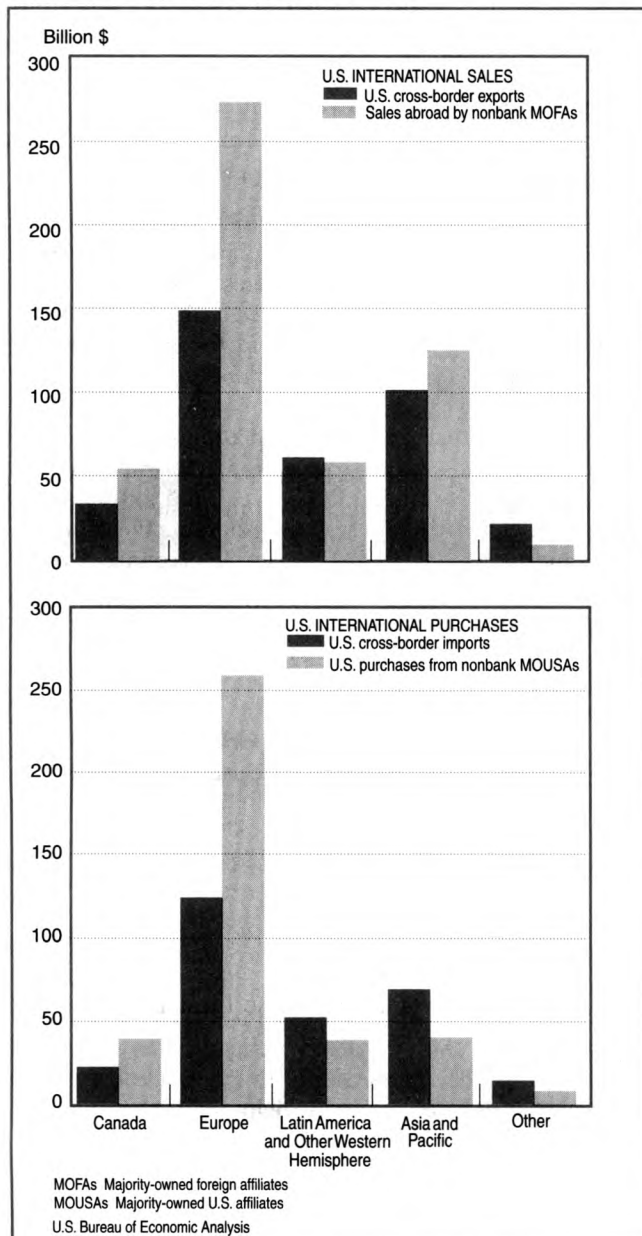
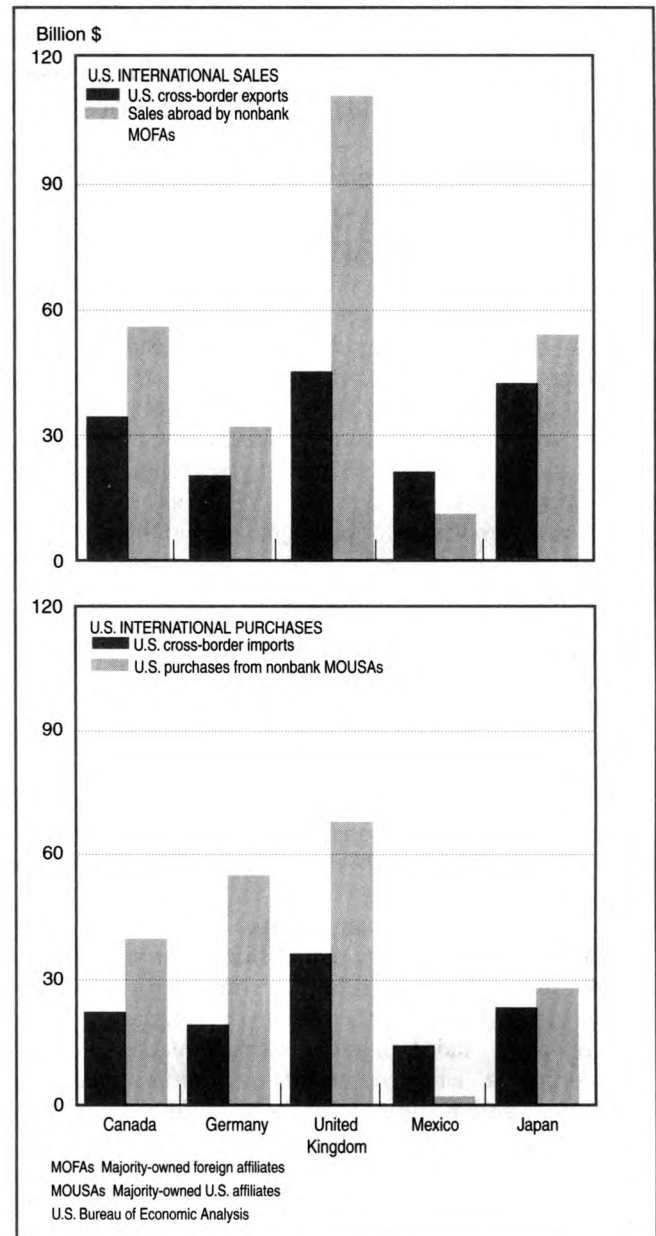


Chart 3. U.S. International Sales and Purchases of Services by Major Country in 2005



in 2006, a slightly faster rate than in 2005. Average spending by Canadian visitors also increased, although at a slightly slower rate than in 2005. The appreciation of the Canadian dollar against the U.S. dollar likely contributed to the continued strong growth in travel receipts from Canada.

Travel receipts from Mexico increased 5 percent in 2006 after increasing 8 percent in 2005. Receipts from travel to the interior of the United States accounted for all of the growth in receipts from Mexico. Receipts from visitors to the U.S. interior increased 15 percent, up from 12 percent in 2005, reflecting increases in both the number of visitors and their average expenditures. In contrast, travel receipts from border visitors showed no growth in 2006, as an increase in average expenditures was offset by a decrease in the number of visits.

Payments. U.S. travel payments increased 4 percent to \$72.0 billion in 2006, after increasing 5 percent in 2005. Like travel receipts, travel payments increased for the third straight year after declining for 3 years. Growth in travel payments to overseas countries (other

than Canada and Mexico) slowed to 5 percent in 2006 from 6 percent in 2005. Growth in the number of U.S. visitors overseas slowed slightly in 2006, partly reflecting higher fares and the depreciation of the dollar. The slowdown in the number of visitors more than offset a slight increase in average expenditures, partly reflecting increased costs facing those who chose to travel. The slowdown was particularly pronounced in payments to Europe, especially the United Kingdom, and Asia and Pacific.

Travel payments to Canada increased 2 percent in 2006 after decreasing 2 percent in 2005. The number of travelers to Canada decreased 9 percent, continuing a trend of decreasing U.S. travel to Canada that began in 2000. In 2006, a 6-percent depreciation of the U.S. dollar against the Canadian dollar and high gasoline prices were factors contributing to the decrease. However, the drop in the number of travelers was more than offset by an increase in average expenditures. The increase in U.S. travelers' average expenditures may be partly the result of the above-mentioned developments

Types of Cross-Border Services: Coverage and Definitions—Continues

The estimates of cross border transactions cover both affiliated and unaffiliated transactions between U.S. residents and foreign residents. Affiliated transactions consist of intrafirm trade within multinational companies—specifically, the trade between U.S. parent companies and their foreign affiliates and the trade between U.S. affiliates and their foreign parent groups. Unaffiliated transactions are with foreigners that neither own, nor are owned by, the U.S. party to the transaction.

Cross border trade in private services is classified in the same five broad categories that are used in the U.S. international transactions accounts—travel, passenger fares, “other transportation,” royalties and license fees, and “other private services.”

Travel. These accounts cover purchases of goods and services by U.S. persons traveling abroad and by foreign travelers in the United States for business or personal reasons. These goods and services include food, lodging, recreation, gifts, entertainment, local transportation in the country of travel, and other items incidental to a foreign visit. U.S. travel transactions with both Canada and Mexico include border transactions, such as day trips for shopping and sightseeing.

A “traveler” is a person who stays less than a year in a country and is not a resident of that country. Diplomats and military and civilian government personnel are excluded regardless of their length of stay; their expenditures are included in other international transactions accounts. Students' educational expenditures and living expenses and medical patients' expenditures for medical care are included in “other private services.”

Passenger fares. These accounts cover the fares received by U.S. air carriers from foreign residents for

travel between the United States and foreign countries and between foreign points, the fares received by U.S. vessel operators for travel on cruise vessels, and the fares paid by U.S. residents to foreign air carriers for travel between the United States and foreign countries and to foreign vessel operators for travel on cruise vessels.

“Other transportation.” These accounts cover U.S. international transactions arising from the transportation of goods by ocean, air, land (truck and rail), pipeline, and inland waterway carriers to and from the United States and between foreign points. The accounts cover freight charges for transporting exports and imports of goods and expenses that transportation companies incur in U.S. and foreign ports. Freight charges cover the receipts of U.S. carriers for transporting U.S. exports of goods and for transporting goods between foreign points and the payments to foreign carriers for transporting U.S. imports of goods. (Freight insurance on goods exports and imports is included in insurance in the “other private services” accounts.)

Port services consist of the value of the goods and services purchased by foreign carriers in U.S. ports and by U.S. carriers in foreign ports.

Royalties and license fees. These accounts cover transactions with nonresidents that involve patented and unpatented techniques, processes, formulas, and other intangible assets and proprietary rights used in the production of goods; transactions involving trademarks, copyrights, franchises, broadcast rights, and other intangible rights; and the rights to distribute, use, and reproduce general use computer software.

in prices and exchange rates.

Growth in travel payments to Mexico slowed to 1 percent in 2006 from 6 percent in 2005. Most of the slowdown reflected reduced travel to the Mexican border area; the number of U.S. visitors to this area decreased 6 percent, following a 3-percent increase in 2005. However, average expenditures rose, so the decline in payments for border travel was smaller—only 3 percent. The number of travelers to the Mexican interior also decreased—falling less than 1 percent—but again average expenditures rose and payments for travel to the interior of Mexico rose 3 percent. Hurricane damage to resort areas and State Department warnings to U.S. citizens regarding travel to Mexico appear to have contributed to the slowdown in the number of travelers and, thus, travel payments.

Passenger fares

Receipts. U.S. receipts for passenger fares increased 6

percent to \$22.2 billion in 2006 after increasing 11 percent in 2005. Most of the slowdown was attributable to slower growth in the number of overseas visitors; however, the effects on receipts were tempered by an increase in airline ticket prices, as carriers passed some of the increased costs of jet fuel on to passengers.

U.S.-flag carriers decreased domestic capacity in 2006 and increased international capacity. Despite increased international capacity, continued demand for air travel by foreign visitors to the United States enabled U.S. carriers to pass a percentage of the fuel price increases on to passengers in the form of increased ticket prices. Foreign demand for travel from Latin America was especially strong, contributing to the 14-percent increase in passenger fares from Latin America and Other Western Hemisphere in 2006. Passenger fares from Japan, however, fell sharply, decreasing 12 percent in 2006.

Payments. U.S. payments for passenger fares

Types of Cross-Border Services: Coverage and Definitions

“Other private services.” These accounts consist of education; financial services; insurance; telecommunications; “business, professional, and technical services”; and “other services.”

Education consists of expenditures for tuition and living expenses by foreign students enrolled in U.S. colleges and universities and by U.S. students for study abroad. This category excludes fees for distance-learning technologies and for educational and training services provided on a contract or fee basis; these transactions are included in training services in “other business, professional, and technical services” in table 1.

Financial services include funds management and advisory services, credit card services, fees and commissions on transactions in securities, fees on credit related activities, and other financial services.

Insurance services consist of the portion of premiums remaining after provision for expected or “normal” losses, an imputed premium supplement that represents the investment income of insurance companies on funds that are treated as belonging to policyholders, and auxiliary insurance services.¹ Primary insurance mainly con-

sists of life insurance and property and casualty insurance, and each type may be reinsured.²

Telecommunications consists of receipts and payments between U.S. and foreign communications companies for the transmission of messages between the United States and other countries; channel leasing; telex, telegram, and other jointly provided basic services; value-added services, such as electronic mail, video conferencing, and online access services (including Internet backbone services, router services, and broadband access services); and telecommunications support services.

“Business, professional, and technical services” cover a variety of services, such as legal services, accounting services, and advertising services (see the list in table 1).

“Other services” receipts consist mainly of expenditures (except employee compensation) by foreign governments in the United States for services such as maintaining their embassies and consulates; noncompensation-related expenditures by international organizations, such as the United Nations and the International Monetary Fund, that are headquartered in the United States; expenditures of foreign residents employed temporarily in the United States; and receipts from foreigners for the display, reproduction, or distribution of motion pictures and television programs. “Other services” payments consist primarily of payments by U.S. distributors to foreign residents for the rights to display, reproduce, or distribute foreign motion pictures and television programs.

1. The portion of total premiums required to cover “normal losses” is estimated by BEA on the basis of the relationship between actual losses and premiums averaged over several years. Auxiliary insurance services include agents’ commissions, actuarial services, insurance brokering and agency services, claims adjustment services, and salvage administration services. For a detailed description of the imputed premium supplement, see Christopher L. Bach, “Annual Revision of the U.S. International Accounts, 1989–2003,” SURVEY 84 (July 2004): 60–62. For a description of other components of insurance services, see Christopher L. Bach, “Annual Revision of the U.S. International Accounts, 1992–2002,” SURVEY 83 (July 2003): 35–37 and Christopher L. Bach, “Annual Revision of the U.S. International Accounts, 1995–2005,” SURVEY 84 (July 2006): 42.

2. Reinsurance is the ceding of a portion of a premium to another insurer who then assumes a corresponding portion of the risk. It provides coverage for events with such a high degree of risk or liability that a single insurer is unwilling or unable to underwrite insurance against their occurrence.

increased 5 percent to \$27.5 billion in 2006 after a 6-percent increase in 2005. Payments for overseas air travel, which increased 6 percent in 2006, accounted for the majority of the increase. The majority of this increase was due to higher airfares; the number of U.S. residents traveling on foreign carriers was almost unchanged in 2006. Passenger fare payments to Asia and Pacific increased strongly in 2006, up 12 percent from 2005. Payments to Italy also increased strongly, possibly because of travel for the 2006 Winter Olympics.

Other transportation

Receipts. U.S. receipts for “other transportation services” increased 12 percent to \$46.3 billion in 2006 after increasing 12 percent in 2005. The increase reflects increases in both freight receipts and port services receipts, largely as the result of increases in U.S. goods exports and imports and higher fuel prices. Growth in the volume of U.S. goods exports increased to 11 percent in 2006 from 7 percent in 2005.

Freight receipts increased 5 percent to \$17.3 billion in 2006 as increased receipts for air and “other” freight more than offset decreased receipts for ocean freight. Most of the increase in air freight receipts reflected a 10-percent increase in the volume of exports transported on U.S. carriers. Ocean freight receipts decreased slightly as decreased revenue from transporting goods between foreign countries more than offset an increase in revenues from transporting U.S. exports. Ocean freight rates fell in 2006, continuing a decline that began in 2005. In 2004, ocean freight rates had increased sharply, partly because of China’s rapid export-led economic expansion. Increased rates encouraged ship building, which added many new ships to the world’s fleet and contributed to rate de-

clines in 2005 and 2006.

Port services receipts increased 17 percent to \$29.0 billion in 2006, following a 16-percent increase in 2005. The increase in ocean port receipts reflected increases in bunker fuel revenues and in imports and exports transported by foreign-operated vessels. The increase in air port services receipts reflected higher jet fuel prices and increases in goods imports and exports.

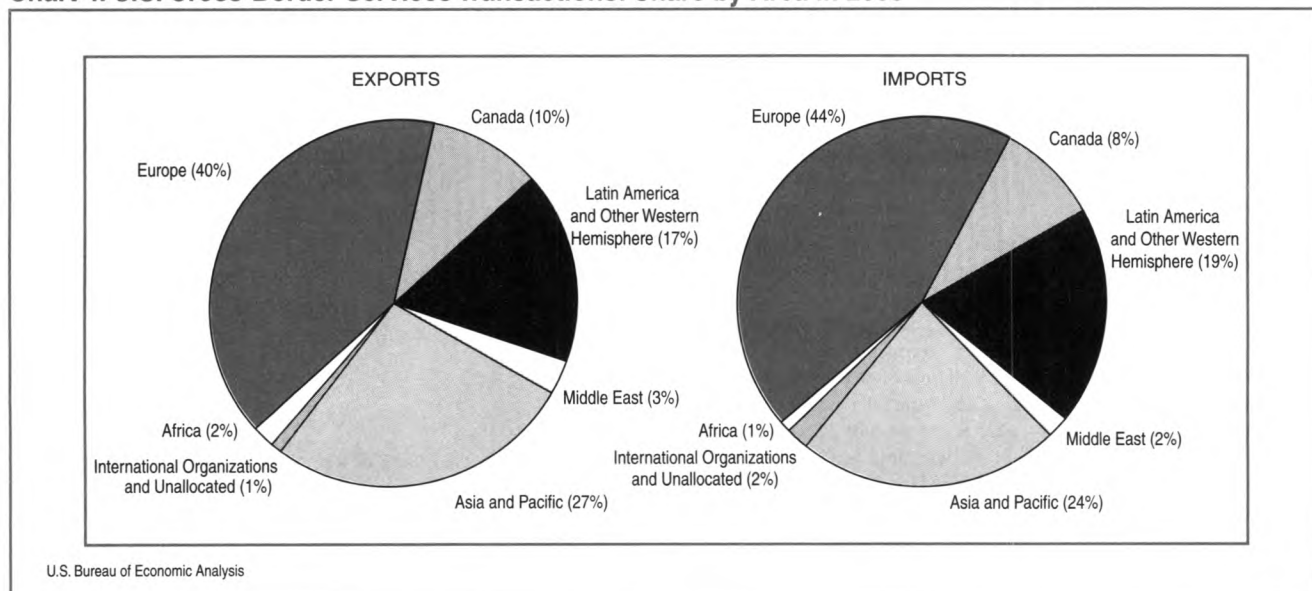
“Other transportation” receipts from all major areas rose in 2006. Receipts from Europe and Asia and Pacific—especially China, Hong Kong, India, and Malaysia—increased strongly in 2006, mainly reflecting higher trade volumes.

Payments. U.S. payments for “other transportation services” increased 5 percent to \$65.3 billion in 2006 after increasing 14 percent in 2005. Growth in both freight and port payments slowed, reflecting slower growth of U.S. goods imports; growth in the volume of U.S. goods imports slowed to 6 percent in 2006 from 7 percent in 2005.

Freight payments increased 4 percent to \$45.7 billion following a 12-percent increase in 2005. The slowdown was mostly the result of smaller increases in ocean freight payments. Port services payments increased 9 percent, to \$19.6 billion, following a 21-percent increase in 2005. Payments for air port services accounted for most of the increase. The increase in air port services was attributable to increases in jet fuel prices, which continued to rise in 2006, although at a slower rate than in 2005. Payments for ocean port services were virtually unchanged.

“Other transportation” payments to all major areas increased, mainly reflecting increased goods imports. Growth in payments to Brazil, Hong Kong, the Philippines, and India was particularly strong.

Chart 4. U.S. Cross-Border Services Transactions: Share by Area in 2006



Royalties and license fees

Receipts. U.S. receipts of royalties and license fees increased 5 percent to \$62.4 billion in 2006 after increasing 9 percent in 2005. Affiliated receipts accounted for 71 percent of receipts for royalties and license fees in 2006, a slight decrease from recent years.⁶ Affiliated transactions account for a large portion of royalty and license fees partly because firms with marketable intellectual property usually prefer to exercise some degree of control over the distribution and use of this property, which is easier within affiliated relationships.⁷

U.S. parents' receipts of royalties and license fees from their foreign affiliates decreased 1 percent to \$39.3 billion in 2006, but they still accounted for nearly 90 percent of total affiliated receipts. The remaining 10 percent was accounted for by receipts by U.S. affiliates from their foreign parents, which in-

6. Beginning with estimates for 2006, BEA changed the reporting requirements for withholding taxes in the estimates of affiliated royalties and license fees. This change reflects a change in reporting on BEA's quarterly surveys of affiliated firms: Before 2006, the firms reported royalty and license fee transactions to BEA net of withholding taxes; since 2006, they have reported gross of withholding taxes. Before 2006, BEA published country-level estimates net of taxes but included an estimate of withholding taxes for all countries combined under "International Organizations and Unallocated." Therefore, BEA's published global totals for affiliated royalties and license fees before 2006 were gross of taxes. Beginning in 2006, the country estimates are also gross of taxes. The current treatment conforms to the international balance of payments accounting guideline specifying that transactions should be recorded gross of taxes.

7. Lee Bransetter, Raymond Fisman, and C. Fritz Foley, "Do Stronger Intellectual Property Rights Increase International Technology Transfer? Empirical Evidence from U.S. Firm-Level Data" (National Bureau of Economic Research working paper no. 11516, July 2005); <papers.nber.org/papers/w11516.pdf>.

creased 25 percent to \$5.1 billion. In most cases, in multinational firms, the parent companies rather than the affiliates are the holders of intellectual property. The largest contributors to the increase in U.S. affiliates' receipts were affiliates in manufacturing, particularly chemicals manufacturing, and "professional, scientific and technical services."

U.S. companies' receipts from unaffiliated foreign companies increased 15 percent to \$17.9 billion in 2006 following a 14-percent increase in 2005. Receipts from the sales of rights to distribute and use general-use computer software and for the use of industrial processes, including patents and trade secrets that are used in connection with the production of goods, accounted for most of the increase. Additional receipts from computer software licensing agreements flowed through affiliated channels, but the value of these receipts cannot be separately identified (see the box "Delivery of Computer Services to Foreign Markets").

Payments. U.S. payments of royalties and license fees increased 7 percent to \$26.4 billion in 2006 after increasing 6 percent in 2005. Increases in U.S. affiliates' payments to their foreign parents and in unaffiliated payments more than accounted for the increase. Affiliated payments, mainly those by U.S. affiliates to their foreign parents, continued to account for nearly 80 percent of U.S. payments of royalties and license fees in 2006. U.S. affiliates' payments to their foreign parents increased 8 percent to \$18.7 billion. The largest increases in payments were by affiliates in manufacturing, especially those in chemical manufacturing and

Table D. Cross-Border Services Exports and Imports by Type and Country, 2006

[Millions of dollars]

	Total private services	Travel	Passenger fares	Other transportation	Royalties and license fees	Other private services
Exports						
All countries	404,327	85,694	22,187	46,297	62,378	187,771
10 largest countries ¹	231,911	51,141	13,804	24,552	39,288	103,126
United Kingdom	47,887	10,775	2,539	3,459	5,553	25,561
Japan	41,253	11,245	3,347	4,209	9,103	13,349
Canada	39,307	10,334	3,095	3,189	5,078	17,611
Mexico	22,443	7,146	2,119	1,403	1,567	10,208
Germany	20,635	3,165	1,041	3,348	3,585	9,496
France	14,935	2,289	569	1,618	2,719	7,740
Switzerland	13,153	771	231	713	6,171	5,267
Korea, Republic of	11,454	2,753	45	2,775	2,105	3,776
China	10,900	1,642	431	2,417	1,443	4,967
Netherlands	9,944	1,021	387	1,421	1,964	5,151
Other countries	172,416	34,553	8,383	21,745	23,090	84,645
Imports						
All countries	307,770	72,029	27,503	65,282	26,432	116,524
10 largest countries ¹	179,884	35,688	13,685	31,609	21,863	77,039
United Kingdom	36,817	5,697	4,772	4,364	1,777	20,207
Japan	23,883	2,970	1,283	6,772	7,247	5,611
Canada	23,542	7,319	373	4,725	860	10,265
Germany	20,875	2,559	2,596	5,006	2,547	8,167
Bermuda	15,084	284	0	1,327	142	13,331
France	15,077	3,124	1,864	2,080	2,819	5,190
Mexico	14,757	10,003	901	981	215	2,657
Switzerland	13,725	550	467	907	3,998	7,803
Netherlands	8,876	1,027	826	2,151	2,205	2,667
China	7,248	2,155	603	3,296	53	1,141
Other countries	127,886	36,341	13,818	33,673	4,569	39,485

1. Ranked by dollar value of total exports or imports.

“other” manufacturing. Payments of royalties and license fees by U.S. parents to their foreign affiliates decreased 26 percent to \$2.3 billion after a 17-percent increase in 2005.

Unaffiliated payments of royalties and license fees increased 28 percent in 2006 to \$5.5 billion. Unaffiliated payments tend to spike in years when there are major international sporting events because U.S.

Table E. Intrafirm Trade in Services, by Type, 1997–2006

[Billions of dollars]

	Total private services	Transportation ¹	Royalties and license fees ²	Other private services									
				Total ³	Financial services	Business, professional, and technical services						Film and television tape rentals	
						Total	Computer and information services	Management and consulting services	Research and development and testing services	Operational leasing	Other business, professional and technical services ⁴		
Total receipts:													
1997.....	51.8	0.4	24.5	26.9	2.2	22.3	1.6	(⁵)	(⁵)	1.5	19.2	2.4	
1998.....	54.6	0.4	26.3	27.9	2.7	22.7	1.3	(⁵)	(⁵)	1.7	19.7	2.5	
1999.....	62.0	0.5	29.3	32.3	4.0	25.8	1.2	(⁵)	(⁵)	2.2	22.4	2.4	
2000.....	66.0	0.5	30.5	35.0	3.8	28.9	1.2	(⁵)	(⁵)	2.1	25.7	2.2	
2001.....	66.8	0.6	29.2	37.0	4.1	30.7	1.3	2.2	5.7	2.2	19.4	2.2	
2002.....	74.0	0.7	32.8	40.5	4.2	33.5	1.7	2.9	7.0	2.4	19.4	2.8	
2003.....	79.2	0.7	35.5	43.0	5.2	35.1	2.2	2.8	8.2	2.6	19.3	2.7	
2004.....	86.7	0.9	40.8	44.9	4.9	37.2	2.1	3.1	7.4	3.0	21.6	2.8	
2005.....	95.1	1.1	43.9	50.1	4.9	42.1	2.3	4.3	8.9	3.3	23.3	3.1	
2006.....	103.3	1.2	44.5	57.6	5.7	48.8	2.5	4.9	11.3	3.8	26.3	3.1	
By U.S. parents from their foreign affiliates:													
1997.....	40.8	0.4	23.1	17.3	1.4	13.5	1.4	(⁵)	(⁵)	1.2	10.9	2.4	
1998.....	42.9	0.4	24.4	18.1	1.8	13.9	1.3	(⁵)	(⁵)	1.4	11.2	2.5	
1999.....	50.3	0.5	27.6	22.2	2.5	17.3	1.1	(⁵)	(⁵)	1.9	14.3	2.4	
2000.....	51.9	0.5	28.3	23.1	2.8	18.1	1.1	(⁵)	(⁵)	1.8	15.2	2.2	
2001.....	52.1	0.6	27.2	24.3	3.2	18.9	1.2	1.3	2.2	1.8	12.4	2.2	
2002.....	55.0	0.7	29.7	24.6	3.1	18.7	1.4	1.4	1.9	2.0	12.0	2.8	
2003.....	59.3	0.7	32.3	26.3	3.5	20.2	1.7	1.6	2.0	2.2	12.7	2.7	
2004.....	65.4	0.9	37.2	27.3	3.6	20.9	1.7	1.6	1.8	2.6	13.2	2.8	
2005.....	70.7	1.1	39.8	29.9	3.8	23.0	1.9	1.6	2.0	2.9	14.5	3.1	
2006.....	73.1	1.2	39.3	32.6	4.2	25.2	1.9	1.8	2.4	3.3	15.8	3.1	
By U.S. affiliates from their foreign parents:⁷													
1997.....	11.0	(⁵)	1.4	9.6	0.9	8.8	0.2	(⁵)	(⁵)	0.3	8.3	(⁵)	
1998.....	11.7	(⁵)	2.0	9.7	0.9	8.8	0.1	(⁵)	(⁵)	0.3	8.4	(⁵)	
1999.....	11.7	(⁵)	1.7	10.0	1.5	8.5	0.1	(⁵)	(⁵)	0.4	8.1	(⁵)	
2000.....	14.1	(⁵)	2.2	11.9	1.0	10.8	0.1	(⁵)	(⁵)	0.3	10.5	(⁵)	
2001.....	14.7	(⁵)	2.0	12.7	0.9	11.8	0.1	0.9	3.5	0.3	7.0	(⁵)	
2002.....	19.0	(⁵)	3.1	15.9	1.1	14.7	0.3	1.5	5.1	0.5	7.4	(⁵)	
2003.....	19.9	(⁵)	3.2	16.7	1.7	14.9	0.5	1.2	6.2	0.4	6.7	(⁵)	
2004.....	21.3	(⁵)	3.7	17.6	1.2	16.4	0.4	1.5	5.6	0.4	8.5	(⁵)	
2005.....	24.4	(⁵)	4.1	20.3	1.1	19.2	0.3	2.6	6.9	0.5	8.8	(⁵)	
2006.....	30.2	(⁵)	5.1	25.1	1.5	23.5	0.6	3.0	8.9	0.5	10.5	(⁵)	
Total payments:													
1997.....	24.2	0.4	6.7	17.1	2.8	14.3	0.8	(⁵)	(⁵)	0.9	12.6	(⁵)	
1998.....	27.7	0.4	8.5	18.7	4.2	14.5	0.9	(⁵)	(⁵)	0.9	12.6	(⁵)	
1999.....	35.9	0.4	10.4	25.1	6.0	19.0	3.0	(⁵)	(⁵)	1.1	15.0	0.1	
2000.....	40.1	0.4	12.5	27.2	7.2	20.0	2.6	(⁵)	(⁵)	1.0	16.3	(⁵)	
2001.....	41.4	0.5	13.2	27.7	6.7	21.0	2.9	1.8	1.7	1.0	13.6	(⁵)	
2002.....	45.3	0.7	15.1	29.4	5.5	24.0	2.8	3.4	2.0	0.9	14.9	(⁵)	
2003.....	47.9	1.2	15.2	31.5	5.8	25.6	3.5	2.8	3.1	0.7	15.6	(⁵)	
2004.....	53.2	1.5	17.9	33.9	6.2	27.7	4.6	3.2	3.1	1.0	15.8	(⁵)	
2005.....	61.9	1.7	20.4	39.8	5.9	33.9	6.3	4.2	4.5	1.2	17.7	(⁵)	
2006.....	71.2	2.0	21.0	48.2	5.8	42.4	8.0	5.9	6.4	1.3	20.8	(⁵)	
By U.S. parents to their foreign affiliates:													
1997.....	10.8	0.4	1.4	9.0	2.5	6.5	0.5	(⁵)	(⁵)	0.1	5.9	(⁵)	
1998.....	12.6	0.4	1.8	10.4	3.3	7.1	0.6	(⁵)	(⁵)	0.1	6.4	(⁵)	
1999.....	18.2	0.4	2.3	15.5	4.7	10.7	2.7	(⁵)	(⁵)	0.1	7.9	0.1	
2000.....	19.2	0.4	2.5	16.3	5.4	10.9	2.4	(⁵)	(⁵)	0.1	8.4	(⁵)	
2001.....	19.6	0.5	2.5	16.6	5.2	11.4	2.6	0.5	0.6	0.1	7.6	(⁵)	
2002.....	20.6	0.7	2.9	17.0	4.6	12.4	2.5	0.5	0.8	0.1	8.5	(⁵)	
2003.....	22.7	1.2	2.6	18.8	4.6	14.2	3.0	0.7	1.0	0.1	9.3	(⁵)	
2004.....	25.5	1.5	2.6	21.4	5.4	16.0	4.1	0.9	1.2	(⁵)	9.8	(⁵)	
2005.....	27.7	1.7	3.1	23.0	5.1	17.8	4.3	1.2	1.4	0.1	10.9	(⁵)	
2006.....	30.3	2.0	2.3	26.0	5.2	20.8	5.2	1.4	1.8	0.1	12.3	(⁵)	
By U.S. affiliates to their foreign parents:⁷													
1997.....	13.4	(⁵)	5.4	8.1	0.3	7.7	0.2	(⁵)	(⁵)	0.8	6.7	(⁵)	
1998.....	15.1	(⁵)	6.8	8.3	0.9	7.4	0.2	(⁵)	(⁵)	0.8	6.3	(⁵)	
1999.....	17.7	(⁵)	8.1	9.6	1.3	8.4	0.3	(⁵)	(⁵)	1.0	7.1	(⁵)	
2000.....	21.0	(⁵)	10.1	10.9	1.8	9.1	0.2	(⁵)	(⁵)	1.0	7.9	(⁵)	
2001.....	21.8	(⁵)	10.7	11.1	1.5	9.6	0.3	1.3	1.1	0.9	6.0	(⁵)	
2002.....	24.7	(⁵)	12.2	12.4	0.8	11.6	0.3	2.9	1.3	0.8	6.3	(⁵)	
2003.....	25.2	(⁵)	12.5	12.6	1.2	11.4	0.5	2.1	2.1	0.6	6.1	(⁵)	
2004.....	27.7	(⁵)	15.3	12.5	0.8	11.7	0.6	2.4	1.9	0.9	5.9	(⁵)	
2005.....	34.2	(⁵)	17.3	16.9	0.8	16.1	2.0	3.1	3.1	1.1	6.9	(⁵)	
2006.....	40.9	(⁵)	18.7	22.2	0.6	21.5	2.8	4.5	4.6	1.2	8.4	(⁵)	

¹ Less than \$50 million.

² Equal to “affiliated other transportation” in table 1.

³ Equal to “affiliated royalties and license fees” in table 1.

⁴ Equal to “affiliated other private services” in table 1.

⁵ Includes affiliated insurance and affiliated telecommunications transactions; see footnotes 13 and 14 in table 1.

⁶ Prior to 2001, management and consulting services were included in “other” services. Beginning in 2001, data on management and consulting services were collected as a separate type of service.

⁷ Prior to 2001, research and development and testing services were included in “other” services. Beginning in 2001, data on research and development and testing services were collected as a separate type of service.

⁸ In addition to transactions with its foreign parent, a U.S. affiliate’s receipts and payments include transactions with other members of its foreign parent group. The foreign parent group is defined as (1) the foreign parent, (2) any foreign person, proceeding up the foreign parent’s ownership chain, that owns more than 50 percent of the foreign parent below it, up to and including the ultimate beneficial owner, and (3) any foreign person, proceeding down the ownership chain(s) of each of these members, that is owned more than 50 percent by the person above it.

companies pay international sports organizations, or their representatives, for the rights to broadcast and record the event. Such a spike occurred in 2006 when U.S. firms paid to broadcast the Winter Olympics and the soccer World Cup.

Other private services

U.S. receipts for “other private services,” which consists of education, financial services, insurance services, telecommunications, and “business, professional, and technical services,” increased 14 percent to \$187.8 billion in 2006 after increasing 11 percent in 2005. The largest increases were in “business, professional, and technical services” and financial services (table 1 and tables 5–8). Payments for “other private services” increased 17 percent to \$116.5 billion after increasing 9 percent. The largest increases were in “business, professional, and technical services” and insurance services (table 1 and tables 5–8).

Education

Receipts. U.S. receipts for education services increased 4 percent to \$14.6 billion in 2006 after increasing 3 percent in 2005. The increase in 2006, like those in 2004 and 2005, resulted primarily from a continued increase in tuition. Tuition at both public and private

4-year colleges and universities increased 6 percent in academic year 2006–2007.⁸ Despite the growth in tuition, the total number of foreign students enrolled in the United States was virtually unchanged in 2006, following 2 years of decreases. Although the number of foreign undergraduate and graduate students in the United States is nearly equal, most of the increase in receipts in 2006 was attributable to undergraduate students, who rely most heavily on foreign-source funds to finance their studies. More than 80 percent of foreign undergraduates rely primarily on personal and family funds, while foreign graduate students rely equally on U.S.-source funds, primarily from the institutions where they study, and from personal and family funds.

As in previous years, students from India accounted for more foreign students in the United States than any other country, although the number of Indian students fell 5 percent in 2006. The number of students from China, the next largest country of origin, remained stable, while the number from the Republic of Korea, the third largest, grew 11 percent. The total number of students from the Middle East, Northern Africa, and

8. *Trends in College Pricing 2006* (Princeton, NJ: The College Board); <www.collegeboard.com>.

Delivery of Computer Services to Foreign Markets

The delivery of computer-related services and of many other types of services may be further divided within the two major channels of cross-border trade and sales through affiliates. As a result, the total value of these services may be scattered across several categories of cross-border trade and sales by affiliates in the tables. In addition, some computer-related services may be embedded in goods that are exported to foreign markets, or they may be delivered in ways that result in entries in the U.S. international transactions accounts under income rather than under trade in goods and services.

Cross-border receipts from unaffiliated foreigners for “computer and data processing services” and “database and other information services” are shown under “business, professional, and technical services” in table 1.¹ Computer-related services that are delivered to foreign markets through cross-border software-licensing agreements, such as onsite licenses, are shown under “royalties and license fees.”² Specifically, receipts through agreements with unaffiliated foreign persons are shown in “general-use computer software” in table 4. Receipts through agreements with affiliated foreign persons (intrafirm trade) are

included in affiliated royalty and license fee transactions in table 1, but their value cannot currently be separately identified. Intrafirm receipts for computer and information services, which consist of computer and data processing services and of database and other information services, are shown in table 1 and table E.

The wages of U.S. residents who provide computer services to nonresidents are included in “compensation receipts” in the international transactions accounts (ITAs) (table 1, line 17), but their value cannot be separately identified. Compensation covers the earnings of U.S. individuals who are employees of nonresident firms and the earnings of certain independent individuals who provide services to nonresidents; it is classified in the ITAs as “income” rather than as services. If a U.S. resident goes abroad to provide these services, the length of stay must be less than 1 year; otherwise, the individual is considered a foreign resident.

Sales of computer-related services to foreign residents through foreign affiliates generally exceed cross-border exports of these services, reflecting the advantages of a local commercial presence when delivering these services to foreign customers (table 10). The available data on sales through affiliates are classified by the primary industry of the affiliate rather than by type of service, but computer-related services may also be sold through affiliates in several other industries, particularly machinery manufacturing and wholesale trade.

1. For detailed estimates of receipts for these services by country and by area, see table 7.

2. Receipts and payments for general-use software that is packaged and physically shipped to or from the United States are included in trade in goods. The value of software that is preinstalled on computer equipment and peripherals is captured in the value of this hardware and thus is also included in trade in goods.

Asian countries with majority Muslim populations continued to decrease in 2006. Decreases were particularly sharp for Turkey and Pakistan, at 7 percent and 9 percent, respectively. However, the number of students from Middle Eastern countries increased 2 percent in 2006, led by strong growth in the number of students from Saudi Arabia.

Payments. U.S. payments for education increased 11 percent to \$4.4 billion in 2006 after increasing 12 percent in 2005. The increase reflected increases in both the number of students from U.S. universities participating in study-abroad programs and the number of students directly enrolled in universities abroad. The United Kingdom, Italy, Spain, and France continued as the top destinations for U.S. students in study-abroad programs. A large majority of U.S. students in these programs study in European countries, but an increasing number are studying in other countries such as China, Argentina, Brazil and India. "Social sciences and humanities" continues to be the dominant field of study for U.S. students abroad, with "business and management" second. Since the 2001–2002 academic year, the number of students from the United States participating in study-abroad programs in the Middle East, North Africa, and Asian countries with majority Muslim populations has continued to grow; however, these students account for just 2 percent of the total number of U.S. students studying abroad.

Financial services

Receipts. U.S. financial services receipts increased 19 percent to \$42.8 billion in 2006, following a 10-percent increase in 2005. The sharp increase was due to sizable increases in both unaffiliated and affiliated transactions. Unaffiliated receipts increased 20 percent in 2006; management and advisory services accounted for nearly half of the increase (table F). Unaffiliated management and advisory services surged 24 percent, due to strong merger and acquisition activity and large inflows of fees to both established and newly formed asset management firms. Growth in private placement and underwriting services for foreign securities issued in the United States more than accounted for the gain

in fees for securities transactions. "Other financial services" increased because of gains in electronic funds transfer services and securities lending services. Credit card and credit-related services also increased, mostly from continued strong growth in credit card transactions. Affiliated financial services receipts increased 16 percent.

Payments. U.S. financial services payments increased 13 percent to \$14.3 billion in 2006, following an 8-percent increase in 2005. Strong growth in unaffiliated transactions was partly offset by a decrease in affiliated transactions. The increase in unaffiliated payments resulted mostly from an increase in "other financial services," which reflected a surge in securities lending services and continued strong growth in electronic funds transfer services. Securities transactions were higher as a result of increased trading in foreign stocks and bonds and a small increase in underwriting services for U.S. securities issued abroad. Management and advisory services increased as an increase in financial advisory services was only partly offset by a decrease in financial management services. Credit card and credit-related services also increased because of continued growth in credit card services and a sharp rebound in credit-related services. Affiliated financial services payments decreased 2 percent.

Insurance services

Receipts. U.S. insurance services receipts grew 19 percent to \$9.3 billion in 2006 after increasing 6 percent in 2005. The increased growth was led by a 30-percent increase in receipts for reinsurance services, which resulted from increases in both premium receipts and premium supplements.⁹ In 2005, Canada surpassed the United Kingdom as the top market for U.S. exports of insurance services, and Japan surpassed Germany as the third largest market for U.S. insurance exports, positions these countries maintained in 2006.

9. Note that although the measure of insurance services rises and falls along with premiums, only a portion of changes in premiums are assumed to represent charges for insurance services. See the box "Types of Cross-Border Services: Coverage and Definitions" for more information about how BEA estimates insurance services.

Table F. Unaffiliated Financial Services Transactions, 1994–2006

[Millions of dollars]

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total receipts	5,763	7,029	8,229	10,243	11,327	13,410	16,026	15,498	17,746	19,699	27,766	31,039	37,114
Securities transactions ¹	2,527	3,253	3,917	4,715	4,690	4,833	5,459	5,021	6,203	6,563	8,256	8,633	10,042
Management and advisory ²	1,479	1,665	1,886	2,553	3,219	4,687	6,610	5,675	6,343	7,352	11,843	12,829	15,880
Credit card and other credit-related.....	1,093	1,423	1,472	1,839	2,030	1,959	2,206	2,520	2,832	2,541	3,457	4,253	5,141
Other ³	664	688	954	1,136	1,388	1,931	1,751	2,282	2,368	3,243	4,210	5,324	6,051
Total payments	1,654	2,472	2,907	3,347	3,590	3,418	4,840	4,489	4,160	3,996	5,486	6,720	8,497
Securities transactions ¹	956	1,506	1,654	1,943	1,949	1,748	2,402	1,918	1,595	1,277	1,726	1,999	2,462
Management and advisory ²	327	348	401	406	545	627	718	495	482	621	987	1,349	1,452
Credit card and other credit-related.....	204	327	372	390	403	407	459	607	674	633	765	691	901
Other ³	167	291	480	608	693	636	1,261	1,469	1,409	1,465	2,008	2,681	3,682

1. Includes brokerage, underwriting and private placement services.
2. Includes financial management, financial advisory, and custody services.

3. Includes securities lending, electronic funds transfer, and other financial services.

Payments. U.S. insurance services payments increased 18 percent to \$33.6 billion in 2006 after decreasing 2 percent in 2005. Payments for reinsurance services more than accounted for the increase, rising 21 percent in 2006. Payments for primary insurance fell 6 percent in 2006; this decrease was likely the result of a decrease in premium rates, which fell for most types of policies in 2006. Before September 11, 2001, primary premium rates had been rising because of consolidation in the insurance industry and the loss of investment gains as a source of supplements to premiums in the wake of the stock market downturn in 2000; after September 11th, premium rates increased sharply, resulting in strong increases in primary insurance payments in 2002 and 2003. Since 2005, premium rates have generally fallen, as have payments for primary insurance.

Telecommunications

Receipts. U.S. receipts for telecommunications services increased 20 percent to \$6.3 billion in 2006 after increasing 12 percent in 2005. A number of developments contributed to the surge in receipts. In recent years, increasing competition due to market deregulation, declining fees for terminating calls in the United States, and the emergence of Voice over Internet Protocol (VoIP) have led to reductions in the prices of some international telecommunications services. These price declines, along with increased international business linkages, have led to increases in call volumes. In addition, consumers are migrating away from the traditional fixed-line telephone services, prompting the traditional telecommunications companies to move into the growing mobile phone and broadband/data transmission markets internationally as well as domestically. There have also been increases in receipts for satellite-based services. Finally, improvements to the telecommunications infrastructure and the increasing availability of mobile phones have increased telecommunications receipts from developing nations. In 2006, receipts from Latin America and Other Western Hemisphere grew 55 percent, and receipts from the Middle East grew 21 percent. In contrast, receipts from Europe and Asia and Pacific grew 12 percent and 8 percent, respectively.

Payments. U.S. payments for telecommunications services remained largely stable for the second consecutive year, rising less than 1 percent to \$4.6 billion in 2006. Since 2002, payments for telecommunications services have risen at a much slower rate than receipts. In 2003, receipts for telecommunications services surpassed payments, and in 2006, this gap grew. The stagnation of payments may be related to both the declining cost of terminating calls internationally and the growth of VoIP. As they have in the United States,

Data Sources

The estimates in this article are primarily based on data from the surveys that are conducted by the Bureau of Economic Analysis (BEA), but the estimates of some services are based on data from a variety of other sources, including U.S. Customs and Border Protection, surveys conducted by other Federal Government agencies, private sources, and partner countries.

BEA conducts several mandatory surveys of trade in services; some surveys are targeted to specific services industries and, for intrafirm transactions, to specific types of investment. These surveys of services are available on BEA's Web site at <www.bea.gov/international/index.htm#surveys>.

The data on intrafirm trade in services and on sales by majority-owned affiliates are collected in BEA's surveys of U.S. direct investment abroad and of foreign direct investment in the United States. For the methodologies for these surveys, see *Foreign Direct Investment in the United States: 2002 Benchmark Survey, Final Results* and *U.S. Direct Investment Abroad: 1999 Benchmark Survey, Final Results*. For additional information on the methodology used to prepare the estimates of both affiliated and unaffiliated cross-border trade, see *The Balance of Payments of the United States: Concepts, Data Sources, and Estimating Procedures* (1990). These publications and other detailed information on the changes in the methodology since 1990 can be accessed on BEA's Web site at <www.bea.gov/methodologies/index.htm#international_meth>.

For a summary of the changes from 1990–2003, see "Improvements to BEA's Estimates of U.S. International Services, 1990–2003," in Borga and Mann, SURVEY 83 (October 2003): 74–76. Additionally, each subsequent October SURVEY article in this series has featured an appendix describing recent and planned improvements to the estimates. The SURVEY articles for 1994–2006 are available at <www.bea.gov/scb/index.htm>.

fees for terminating calls abroad have fallen rapidly in recent years, leading to increased call volumes. In addition, an increasing number of businesses and households are switching from fixed-line telecommunications to VoIP, which allows businesses to combine their voice and data operations and offers households lower call rates. This development is particularly important for calls to developing nations, where termination rates are still high. Calls placed using VoIP in the United States can be terminated abroad on a fixed or mobile handset, typically for a lower fee than a handset-to-handset call, leading to lower telecommunications payments. Telecommunications firms have also moved to sending more calls over IP networks, which are less costly to operate than traditional phone lines and may lead to lower payments.

Business, professional, and technical services

Receipts. U.S. receipts for “business, professional, and technical (BPT) services” increased 15 percent to \$96.2 billion in 2006 after increasing 17 percent in 2005. Both affiliated and unaffiliated transactions contributed to the increase. Affiliated receipts accounted for more than half of the total increase. Receipts by U.S. parent companies from their foreign affiliates grew 10 percent while receipts by U.S. affiliate companies from their foreign parents grew 22 percent (table E).

Receipts for computer and information services increased 3 percent to \$10.1 billion in 2006. Affiliated receipts accounted for most of the increase and grew at a faster rate than unaffiliated receipts. Receipts for management and consulting services decelerated, increasing 8 percent to \$7.4 billion in 2006 after increasing 29 percent in 2005.

Research, development, and testing services continued to increase sharply, rising 28 percent to \$13.0 billion in 2006 after increasing 17 percent in 2005. Most of the increase was attributable to affiliated receipts, which increased 27 percent in 2006 after increasing 20 percent in 2005. Affiliated transactions typically account for the majority of receipts for research, development, and testing services, possibly because the affiliated relationship provides a way for companies to retain control over their intellectual property while gaining the returns from the use of that property worldwide. Receipts for operational leasing services increased 16 percent to \$11.1 billion, primarily because of growth in unaffiliated receipts.¹⁰

Receipts for “other BPT services” increased 15 percent to \$54.7 billion in 2006 after increasing 18 percent in 2005. The slowdown was accounted for by unaffiliated receipts, which increased 17 percent after increasing 30 percent. “Architectural, engineering, and other technical services” and legal services led the increase in unaffiliated receipts. Affiliated receipts accelerated, increasing 13 percent after increasing 8 percent. “Other BPT services” include a variety of services that are not recorded in other categories of BPT services and costs that parent firms charge to their affiliates that are not further disaggregated by type of service.¹¹

Payments. U.S. payments for BPT services increased 19 percent to \$58.2 billion in 2006 after in-

creasing 18 percent in 2005. The acceleration was accounted for by affiliated payments, which increased 25 percent in 2006 after increasing 23 percent in 2005; growth in unaffiliated payments slowed slightly in 2006. Payments by U.S. affiliates to their foreign parents accounted for the majority of the growth in affiliated payments (table E).

Payments for computer and information services increased 23 percent to \$11.1 billion in 2006 after increasing 32 percent in 2005. Affiliated payments accounted for most of the increases in both years. Affiliated payments increased 27 percent in 2006 and 37 percent in 2005, reflecting the growing importance of affiliated foreign companies as suppliers of computer services to U.S. firms for use in their production processes or for resale. Unaffiliated payments also increased, but at a slower rate. Canada and India continued to be the top providers of unaffiliated computer and information services to the U.S. market.

Payments for management and consulting services continued to grow strongly in 2006, increasing 23 percent to \$7.5 billion, matching the 2005 rate of growth. The increase reflected a rise in affiliated payments, which was partially offset by a decrease in unaffiliated payments. The continued focus on risk management and governance standards contributed to growth in management and consulting services. Payments for research, development, and testing services increased 34 percent to \$9.0 billion in 2006, compared with 33-percent growth in 2005. Payments for operational leasing services increased 16 percent to \$1.5 billion after increasing 15 percent in 2005.

Payments for “other BPT services” increased 14 percent to \$29.1 billion in 2006 after increasing 10 percent in 2005. Affiliated payments accounted for most of the acceleration, rising 17 percent in 2006. Unaffiliated payments also increased, but at a slower rate. “Installation, maintenance and repair of equipment” led the increase in unaffiliated payments.

Film and television tape rentals

Receipts. U.S. receipts for film and television tape rentals increased 9 percent to \$11.1 billion in 2006 after decreasing 2 percent in 2005. Film and television tape rentals cover the rights to display, reproduce, and distribute U.S. motion pictures and television programming abroad. Although film and tape rentals do not directly correspond to box office totals, the 14-percent increase in total international box office revenue in 2006 likely contributed to the increase in film and television tape rentals.

Payments. U.S. payments for film and television tape rentals fell 9 percent to \$0.8 billion in 2006 after more than doubling in 2005. This decrease largely reflects a decrease in box office revenue for

10. This category covers rentals of transportation equipment (such as ships, aircraft, and railcars) without crews or operators. If crews or operators are provided, the transaction is included under transportation services.

11. As part of “other BPT services,” BEA collects and publishes additional details on transactions with unaffiliated foreign persons that cover more than a dozen types of services (see the addenda to table 1). For affiliated trade in BPT services, allocated expenses for research and development services and management services are sometimes identified and separately charged; when they are, the values are recorded in the categories provided for those services. When they cannot be identified, the values are recorded under unaffiliated “other BPT services.”

films produced by foreign motion picture companies. U.S. payments for film and television tape rentals are only a small fraction of U.S. receipts, reflecting the relatively small U.S. audience for foreign films and television programs, compared with the large foreign audience for U.S. films and television programs.

Sales Through Affiliates in 2005

In 2005, worldwide sales of services by nonbank U.S. multinationals through their nonbank majority-owned foreign affiliates rose 10 percent to \$574.7 billion (table G). Foreign multinationals' sales of services to all customers through their nonbank majority-owned U.S. affiliates were \$422.3 billion, up 2 percent from 2004.

Sales of goods and services through affiliates are generally dominated by transactions with parties located in the same country as the affiliate. In 2005, 77 percent of worldwide sales of services and 58 percent of worldwide sales of goods by foreign affiliates of U.S. multinationals were local sales. For U.S. affiliates of foreign multinationals, local sales are even more important as a share of worldwide sales for both goods and services, which reflects the large size of the U.S. market. In 2005, local sales accounted for 92 percent of U.S. affiliates' worldwide sales of services and for 91 percent of their worldwide sales of goods.¹²

Sales of services to the local market and to other foreign markets by U.S. multinationals' foreign affiliates and sales of services to the U.S. market by foreign multinationals' U.S. affiliates both represent the delivery of services through the channel of direct investment. Table 9 presents these international sales of services through affiliates by country of foreign affiliate and by country of the U.S. affiliate's ultimate beneficial owner (UBO).¹³ Tables 10.1 and 10.2 present sales by primary industry of the affiliate cross-classified by country of the foreign affiliate for 2004 and 2005. Tables 11.1 and 11.2 present sales by primary industry of the U.S. affiliate cross-classified by country of UBO for 2004 and 2005.

Foreign affiliates' sales to foreign persons

In 2005, sales of services to foreign persons by nonbank majority-owned foreign affiliates of nonbank U.S. companies were \$528.5 billion. By area, affiliates

in Europe had by far the largest sales of services to foreign persons, accounting for 52 percent of the total, followed by affiliates in Asia and Pacific with 24 percent of the total. Within Europe, affiliates in the United Kingdom had the largest sales by far, accounting for 40 percent of the total for Europe. Affiliates in Germany had the next largest sales (12 percent), followed by those in France (11 percent). Within Asia and Pacific, affiliates in Japan had the largest sales, accounting for 42 percent of the total for the area.

By industry sector, foreign affiliates' sales of services to foreign persons were largest in "finance (except depository institutions) and insurance," accounting for more than a quarter of the total. The next largest sales were by affiliates in "professional, scientific, and technical services," which accounted for 18 percent of the total, followed by those in information. In "finance (except depository institutions) and insurance," sales by insurance carriers accounted for over two-thirds of the total, with particularly large sales by affiliates in Asia and Pacific. In "professional, scientific, and technical services," sales by affiliates in computer systems design and related services were largest. In information, affiliates in "Internet service providers, Web search portals, data processing services, Internet publishing and broadcasting, and other information services" had the largest sales.

Sales of services abroad by nonbank majority-owned affiliates of nonbank U.S. companies increased

Table G. Sales of Services by U.S. MNCs Through Their Nonbank MOFAs and by Foreign MNCs Through Their Nonbank MOUSAs, 2004–2005
[Millions of dollars]

	2004	2005
Sales through MOFAs		
Total	522,616	574,666
To affiliated persons.....	83,838	89,797
To unaffiliated persons.....	438,778	484,869
To U.S. persons.....	39,594	46,185
To U.S. parents.....	27,302	31,584
To unaffiliated U.S. persons.....	12,292	14,602
To foreign persons.....	483,022	528,481
To other foreign affiliates.....	56,536	58,214
To unaffiliated foreign persons.....	426,486	470,267
Local sales.....	405,058	440,330
To other foreign affiliates.....	20,086	17,257
To unaffiliated foreigners.....	384,972	423,072
Sales to other countries.....	77,964	88,151
To other foreign affiliates.....	36,450	40,956
To unaffiliated foreigners.....	41,514	47,195
Sales through MOUSAs		
Total	415,389	422,309
To U.S. persons.....	381,960	389,030
To foreign persons.....	33,428	33,279
To the foreign parent group.....	15,463	16,749
To foreign affiliates.....	1,193	1,406
To other foreigners.....	16,772	15,123

Note. Depository institutions are excluded because data are not available. In this table, sales of services through affiliates are generally defined to be economic outputs that are intangible. Intangible outputs are typically associated with establishments in the following NAICS sectors: utilities; transportation and warehousing; information; finance and insurance; real estate and rental and leasing; professional, scientific, and technical services; management of companies and enterprises; administrative and support and waste management and remediation services; educational services; health care and social assistance; arts, entertainment, and recreation; accommodation and food services; other services (except public administration); and public administration. Additionally, the output of establishments that provide support activities for agriculture and forestry or mining are typically intangible.
MNCs Multinational companies
MOFAs Majority-owned foreign affiliates
MOUSAs Majority-owned U.S. affiliates

12. For U.S. affiliates of foreign companies, the shares of local and foreign sales of goods have been estimated based on exports of goods shipped because data on these affiliates' sales of goods are not collected by destination. Exports accounted for 9 percent of U.S. affiliates' sales of goods in 2005.

13. The UBO of a U.S. affiliate is that person, proceeding up the affiliate's ownership chain, beginning with and including the foreign parent, that is not owned more than 50 percent by another person. Unlike the foreign parent, the UBO of an affiliate may be located in the United States. The UBO of each U.S. affiliate is identified to ascertain the person that ultimately owns or controls the U.S. affiliate and therefore ultimately derives the benefits from ownership or control.

9 percent in 2005 after increasing 7 percent in 2004. In 2005, growth in foreign affiliates' sales of services increased despite an overall slowing in real economic growth in many major markets served by affiliates, including several Organisation for Economic Cooperation and Development member countries. A variety of factors boosted affiliates' sales of services in 2005, including the depreciation of the dollar against some major currencies, including the Canadian dollar and the euro. In addition, developments specific to several industry sectors significantly boosted affiliates' sales of services. For example, a pickup in financial market activity boosted sales of services by affiliates in finance, particularly "securities, commodity contracts, and other intermediation and related activities," and strong local demand sharply increased affiliates' sales of insurance services in Asia and Pacific. Also contributing to the increase was a continued shift of some affiliates' activities away from manufacturing and toward the provision of services, particularly in computer systems design and related services.¹⁴ Increased global demand for commodities—such as oil, gas, and metals—boosted sales for affiliates involved in natural gas distribution and marketing and in commodities trading. In addition, higher demand for these commodities indirectly boosted sales for affiliates in sectors—such as architectural, engineering, and related services—that provide services to firms producing these commodities. Increased demand for oil and natural gas also boosted sales of services by affiliates in the industry "support activities for oil and gas operations" (which is classified in mining in tables 10.1 and 10.2).

Sales of services abroad increased for U.S. companies' affiliates in all major areas in 2005. Affiliates in Europe and in Asia and Pacific had the largest increases in dollar terms and together accounted for 67 percent of the overall increase. The next largest increase by area was in Canada. Within Europe, sales of services increases were broadly based by country and industry sector, but the largest increases were in the United Kingdom, Germany, and Italy. Together, affiliates in these three countries accounted for 56 percent of the increase in Europe. In the United Kingdom, the largest increases were in "professional, scientific, and techni-

cal services" and in "finance (except depository institutions) and insurance." In "professional, scientific and technical services," the increase was largely attributable to affiliates in management, scientific, and technical consulting. In "finance (except depository institutions) and insurance," the increase was attributable to increased sales by affiliates in "securities, commodity contracts, and other intermediation and related activities." In Germany, affiliates in utilities contributed most to the increase. In Italy, affiliates in information, particularly "broadcasting (except Internet)," had the largest increase.

Within Asia and Pacific, the largest increase was in Japan, followed by Hong Kong, which together accounted for 56 percent of the increase in Asia and Pacific. In Japan, the increase was accounted for by affiliates in "finance (except depository institutions) and insurance," which was largely attributable to increased sales for insurance carriers. Sales also increased for affiliates in "securities, commodity, contracts, and other intermediation and related activities." In Hong Kong, the largest increase was for affiliates in "finance (except depository institutions) and insurance," particularly those in "securities, commodity contracts, and other intermediation and related activities." Canada had the largest dollar increase (\$9.2 billion) of any country. Among Canadian affiliates, those in utilities had the largest increase.

By industry sector, foreign affiliates in "finance (except depository institutions) and insurance" had the largest dollar increase in sales (\$14.6 billion), followed by affiliates in "professional, scientific, and technical services" (\$10.5 billion) and in utilities (\$4.4 billion). Within the nonbank finance and insurance sector, affiliates both in "finance (except depository institutions)" and in the insurance carriers and related activities industry had strong increases in sales. In "finance (except depository institutions)," affiliates in "securities, commodity contracts, and other intermediation and related activities" accounted for much of the increase, which was concentrated in Europe, especially the United Kingdom, and in Asia and Pacific, especially Japan. The increase reflected stepped up activity in 2005 in securities markets, particularly higher trading volumes and increased merger and acquisition and underwriting activity, and in commodities markets, where higher prices for precious metals boosted fees and commissions earned by affiliates. In the insurance industry, sales increased for both nonlife and life insurance affiliates. For nonlife insurance affiliates, the largest increase was for affiliates in Asia and Pacific, especially those in Japan, in response to stronger demand. Sales by nonlife insurance affiliates rose strongly in Latin America and Other Western Hemisphere, particularly those in Bermuda, reflecting

14. The shift in composition of affiliates' activities led some affiliates to be classified out of the computer and peripheral equipment manufacturing and the "professional and commercial equipment and supplies wholesaling" industries and into the computer systems design and related services industry in 2005. In previous years, these affiliates' sales of services were included in the manufacturing and wholesale trade sectors. As mentioned earlier, the overall year-to-year change in sales of services abroad may be unaffected by an industry reclassification because of offsetting changes in the industries from which and to which an affiliate is classified. However, sales of services for affiliates that were reclassified into the computer systems design and related services industry rose in 2005, so that overall sales of services increased, not just sales of services in that industry. Additionally, other affiliates that had been reclassified into this industry in recent years continued to expand their services operations.

increased activity in reinsurance. For life insurance affiliates, increases were centered in the Asia and Pacific region, where affiliates continued to expand their presence in response to deregulation, opening of insurance markets to foreign investors, and growth in demand. In this area, affiliates in Japan accounted for the

largest portion of the total increase.

In “professional, scientific, and technical services,” the increase reflected sales growth by affiliates in the “computer systems design and related services” and “architectural, engineering, and related services” industries. In computer systems design and related

Supplemental Estimates of Insurance, Trade Services, and Financial Services Sold Through Affiliates—Continues

In its efforts to improve its estimates of sales of services sold through affiliates, BEA has addressed issues in the measurement of three important types of services—insurance, wholesale and retail trade services, and financial services.¹ Last year, BEA presented experimental estimates of these services supplied to U.S. residents through U.S. affiliates of foreign multinational companies in 2002. This year, these estimates have been expanded to include new estimates of insurance and trade services supplied through U.S. affiliates for 2003–2005. In addition, BEA introduces experimental estimates of insurance, trade, and financial services supplied to foreign residents through foreign affiliates of U.S. multinational companies for 2004 and of insurance and trade services for 2005.

The measurement of insurance, trade, and financial services supplied through affiliates is complicated by special factors. For example, sales may include nonservice elements or may exclude the value of services supplied without an explicit charge. To overcome such difficulties, BEA has developed new methodologies, initiated new data collections, and drawn on data from outside sources.

For 2005, the improved measures of insurance and trade services raised the total estimate of services supplied to U.S. residents through U.S. affiliates \$126.5 billion to \$515.5 billion and

raised the estimate of services supplied to foreign residents through foreign affiliates \$147.7 billion to \$676.2 billion. The data to estimate financial services were only collected on benchmark surveys; for 2002, services sold to U.S. residents through U.S. affiliates rose an additional \$30.5 billion with the inclusion of financial services supplied by bank affiliates. For 2004, sales of services to foreign residents through foreign affiliates rose an additional \$38.3 billion. These estimates are experimental but indicate how the new measures will compare to the current measures. An article providing detail on the methodologies will be published in a forthcoming issue of the SURVEY OF CURRENT BUSINESS.

Insurance

BEA’s current measure of sales of insurance services through affiliates is services-related operating revenue, which consists mostly of premium income but also includes fees for auxiliary insurance services. This measure fails to capture two important aspects of insurance services. First, a portion of premiums does not represent the value of insurance services but is simply the amount of funds that flow from all policyholders to policyholders who suffer losses. Second, insurance companies earn investment income on funds that are considered to be the property of policyholders; this income partly compensates the companies for providing insurance services.

The new measure of insurance services uses a net premiums approach, as recommended by international economic

1. See Obie G. Whichard and Maria Borga, “Selected Issues in the Measurement of U.S. International Services,” SURVEY OF CURRENT BUSINESS 82 (June 2002): 36–56.

Impact of Changes in the Measurement of Insurance, Wholesale and Retail Trade, and Financial Services on the Estimates of Goods Sold and Services Provided by Majority-Owned Affiliates, 2002–2005

[Billions of dollars]

	Sales to U.S. residents through MOUSAs							
	2002		2003		2004		2005	
	Services provided	Goods sold ¹	Services provided	Goods sold ¹	Services provided	Goods sold ¹	Services provided	Goods sold ¹
Current measure	367.6	1,421.1	374.1	1,500.9	382.0	1,647.5	389.0	1,807.2
Effects of new measures:								
Insurance services	-40.4	0.0	-49.3	0.0	-44.9	0.0	-44.5	0.0
Wholesale and retail trade	134.9	-134.9	138.2	-138.2	163.0	-163.0	171.0	-171.0
Financial services	30.5	0.0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
New measure	492.6	1,286.2	463.0	1,362.7	500.0	1,484.5	515.5	1,636.3
	Sales to foreign residents through MOFAs							
	2002		2003		2004		2005	
	Services provided	Goods sold	Services provided	Goods sold	Services provided	Goods sold	Services provided	Goods sold
Current measure	423.5	1,738.2	452.5	2,039.7	483.0	2,387.2	528.5	2,659.6
Effects of new measures:								
Insurance services	n.a.	n.a.	n.a.	n.a.	-55.9	0.0	-52.9	0.0
Wholesale and retail trade	n.a.	n.a.	n.a.	n.a.	197.6	-197.6	200.6	-200.6
Financial services	n.a.	n.a.	n.a.	n.a.	38.3	0.0	n.a.	n.a.
New measure	n.a.	n.a.	n.a.	n.a.	663.0	2,189.6	676.2	2,459.0

n.a. Not available
MOUSAs Majority-owned U.S. affiliates
MOFAs Majority-owned foreign affiliates

1. The goods sold to U.S. residents by U.S. affiliates have been estimated by subtracting their exports of goods from their total goods sold.

services, sales increased because of a continuing shift in affiliates' activities away from equipment manufacturing and toward the provision of services. Sales

were also boosted by the entrance of new affiliates to the universe of majority-owned foreign affiliates through acquisitions or corporate reorganizations. In

Supplemental Estimates of Insurance, Trade Services, and Financial Services Sold Through Affiliates

accounting guidelines.² The new measure subtracts a proxy measure of insurers' expectations about losses at the time they set their premiums, called normal losses. Normal losses are estimated using the long-term relationship between premiums earned and losses incurred. The new measure also includes a measure of premium supplements, representing income earned on funds insurers hold on policyholders' behalf, such as prepaid premiums and reserves against outstanding losses, which insurers use to defray their expenses. The income is treated as accruing to policyholders, who pay it back to insurers as supplements to premiums to cover the full cost of the insurance services they receive.

To estimate the new measure of insurance services, BEA began collecting data on the premiums earned and losses paid by U.S. affiliates with operations in insurance on the 2002 benchmark survey of inward direct investment. These items were subsequently added to the follow-on annual surveys and the surveys of outward direct investment, beginning with the 2004 benchmark survey. Data for these new items are combined with data on the domestic insurance industry from A.M. Best to estimate the new measure of insurance services supplied through affiliates.³

For U.S. affiliates in 2005, normal losses, which are deducted from premiums earned, were estimated to be \$49.9 billion, and premium supplements, which are added to premiums earned, were estimated to be \$5.4 billion, resulting in a reduction in the estimate of services provided to U.S. residents of \$44.5 billion. For foreign affiliates in 2005, normal losses were estimated to be \$55.9 billion, and premium supplements were estimated to be \$3.1 billion, for a reduction in the estimate of services provided to foreign residents of \$52.9 billion.

Wholesale and retail trade

The wholesale and retail trade industries provide distributive services—selling, or arranging for the sale of, goods to intermediate and final users. Currently, BEA treats the total value of

sales associated with wholesale and retail trade as sales of goods. Thus, the estimates of services provided by wholesalers and retailers cover only secondary activities of these affiliates; the estimates do not cover their distributive services. For example, repair services provided by a car dealer are included in the estimates of sales of services, but the distributive services they provide in selling cars is not. Instead, the value of these distributive services is included in the estimates of sales of goods through affiliates.

To construct estimates of distributive services supplied through affiliates, BEA began collecting data on the cost of goods sold and the beginning- and end-of-year inventories of goods for resale on its 2002 benchmark survey of inward direct investment. These items have also been included on subsequent annual surveys of inward direct investment and on the surveys of outward direct investment, beginning with the 2004 benchmark survey.

The inclusion of the new measure of distributive services significantly raises the values of services provided through affiliates. For 2005, the estimate of services provided to U.S. residents through U.S. affiliates increases \$171.0 billion, or 44 percent. Because the value of these services is currently included in the estimates of sales of goods in BEA's broader statistics on the activities of affiliates, this amount is a reclassification from goods to services. Thus, sales of goods to U.S. residents would be reduced by \$171.0 billion, or 9 percent. For 2005, the new measure of distributive services provided to foreign residents through foreign affiliates increases \$200.6 billion due to the inclusion of trade services, or 38 percent, and the estimate of goods sold falls to \$2,459.0 billion, or 8 percent.

Financial services

BEA's current coverage of sales through affiliates excludes estimate of financial services provided by bank affiliates. This exclusion causes a potentially large gap in the coverage of financial services sold through affiliates.

To better account for bank affiliates, BEA collected data on the 2002 benchmark survey of inward direct investment that can be used as the basis for estimating U.S. bank affiliates' explicit fees for services (which are separately charged by banks) and implicit fees for services (which banks earn by paying lower interest rates on deposits than they charge on loans). Similar data items were added to the 2004 benchmark survey of outward direct investment.

Services provided by U.S. bank affiliates to U.S. residents for 2002 were estimated to be \$30.5 billion—\$14.1 billion from explicit fees and commissions and an imputed value of \$16.4 billion for services not explicitly charged. For 2004, services supplied to foreign residents through foreign bank affiliates were estimated to be \$38.3 billion—\$24.3 billion in explicit sales of services and an imputed value of \$14.0 billion for services not explicitly charged.

Maria Borga

2. Guidance for compiling the national accounts is provided by the Commission of European Communities, International Monetary Fund, Organisation for Economic Cooperation and Development, United Nations, and World Bank, *System of National Accounts, 1993* (Brussels/Luxembourg, New York, Paris, and Washington, 1993). Guidance for compiling statistics on trade in services for the international transactions accounts is provided in International Monetary Fund, *Balance of Payments Manual, 5th edition* (Washington, 1993). The Commission of European Communities, International Monetary Fund, Organisation for Economic Co-operation and Development, United Nations, United Nations Conference on Trade and Development, and World Trade Organization, *Manual on Statistics of International Trade in Services* (Geneva, Luxembourg, New York, Paris, Washington, 2002) provides guidance for compiling data on cross-border trade in services and services delivered through affiliates.

3. See A.M. Best Company, *Best's Aggregates and Averages: Property-Casualty, United States* (Oldwick, NJ) and A.M. Best Company, *Best's Aggregates and Averages: Life/Health, United States* (Oldwick, NJ) for 1996–2006.

architectural, engineering, and related services, the increase was geographically broad based and reflected new contract awards in response to strong demand for energy and metals.

In utilities, affiliates in natural gas distribution had the largest increase, reflecting growth in existing affiliates' sales and the establishment of new affiliates.

U.S. affiliates' sales in the United States

In 2005, sales of services to U.S. residents by foreign companies' nonbank majority-owned U.S. affiliates were \$389.0 billion. By area, affiliates with ultimate beneficial owners (UBOs) in Europe had by far the largest sales of services, accounting for two-thirds of the total. Affiliates with UBOs in Asia and Pacific accounted for the next largest share of sales (11 percent), followed by affiliates with UBOs in Canada (10 percent) and in Latin America and Other Western Hemisphere (10 percent). By country, affiliates with UBOs in the United Kingdom had the largest sales (\$68.0 billion), followed by affiliates with UBOs in Germany (\$54.6 billion) and in France (\$50.9 billion).

By industry sector, U.S. affiliates in "finance (except depository institutions) and insurance" had the largest sales of services to U.S. persons, accounting for 26 per-

cent of the total, followed by affiliates in "professional, scientific and technical services" and in information, which each accounted for 12 percent of the total. In "finance (except depository institutions) and insurance," affiliates in insurance accounted for 76 percent of sales. In "professional, scientific, and technical services," affiliates in advertising and related services had the largest sales, accounting for 42 percent of the total, followed by affiliates in computer systems design and related services. In information, affiliates in telecommunications and in publishing industries had the largest sales.

U.S. affiliates' sales of services in the United States grew 2 percent in 2005, essentially the same rate as in 2004. This continued the pattern of relatively modest growth in recent years. Corporate restructurings held down overall growth in sales of services in 2005, particularly in the information sector. In information, some affiliates became minority owned and thus exited the universe of majority-owned affiliates. Decreased sales by affiliates in nonlife insurance also dampened overall growth as some affiliates adopted more stringent underwriting guidelines that reduced the volume of policies written and others divested or restructured parts of their U.S. businesses.

The modest growth in sales in 2005 was largely attributable to existing affiliates rather than to sales by newly acquired or established affiliates, despite increased spending by foreign companies to acquire or establish U.S. businesses.¹⁵ The growth in sales of services was broadly based by area of UBO and industry sector. Increases partly reflected a shift in some affiliates' activities into services and away from manufacturing. Also, as was the case for U.S. sales of services abroad through foreign affiliates, some industry-specific factors resulted in increased sales. For example, strong demand for oil and gas boosted U.S. affiliates' sales of services in several supporting industries, primarily support activities for oil and gas operations (which is classified in mining in tables 11.1 and 11.2), because of stronger demand for drilling services.

U.S. affiliates' sales of services to U.S. persons increased \$7.1 billion in 2005. The largest increase was accounted for by Europe (\$5.8 billion), followed by Canada (\$3.7 billion) and Latin America and Other

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15. According to data from BEA's survey of new foreign direct investment in the United States, which covers only transactions involving U.S. businesses that are newly acquired or established by foreign direct investors, outlays to acquire or establish U.S. businesses increased from \$86.2 billion in 2004 to \$91.4 billion in 2005. For additional information, see Lawrence McNeil, "Foreign Direct Investment in the United States," SURVEY 87 (June 2007): 44–51. For more information on foreign direct investment in the United States and the operations of both new and existing affiliates, see Thomas Anderson, "U.S. Affiliates of Foreign Companies: Operations in 2005," SURVEY 87 (August 2007): 194–211 and Marilyn Ibarra and Jennifer Koncz, "Direct Investment Positions for 2006: Country and Industry Detail," SURVEY 87 (July 2007): 21–36.

Western Hemisphere (\$1.9 billion). Within Europe, affiliates with UBOs in the United Kingdom more than accounted for the increase. Sales increases for British-owned affiliates were largest in “professional, scientific, and technical services,” especially advertising and related services and architectural, engineering, and related services, and in transportation and warehousing. For Canadian-owned affiliates, the largest increase was in utilities, mainly natural gas distribution, followed by “finance (except depository institutions) and insurance,” mainly life insurance. In contrast, sales of services to U.S. residents by affiliates with UBOs in Asia and Pacific decreased. The decrease was more than accounted for by affiliates with UBOs in Australia and reflected corporate reorganizations through which U.S. affiliates that were previously majority owned became minority owned.

By industry sector, U.S. affiliates in administration, support, and waste management had the largest dollar increase in sales to U.S. persons (\$4.5 billion), followed by affiliates in transportation and warehousing (\$2.8 billion) and in mining (\$2.7 billion). In administration, support, and waste management, the largest portion of the increase was attributable to affiliates in waste management and remediation services. The increase reflected a change in the industry classification of some affiliates from manufacturing to waste management and remediation services as well as acquisitions of U.S. companies in this industry. In transportation and warehousing, the largest increase was in support activities for transportation, reflecting increased activity by existing affiliates; sales by affiliates acquired by foreign companies in 2005 also contributed. In mining, the increase was attributable to affiliates in support activities for oil and gas operations, where increases in demand and higher prices for contracted offshore drilling boosted sales. In contrast, sales of services to U.S. residents by affiliates in information declined. The decrease reflected corporate reorganizations through which affiliates that were previously majority owned became minority owned and thus exited the universe of nonbank majority-owned U.S. affiliates.

Revisions

The revised estimates of cross-border trade in services published in this article are consistent with the less detailed estimates that were published in the July 2007 SURVEY. The revised estimates of sales through affiliates are presented for the first time. The revised estimates published in this article supersede those presented in the October 2006 SURVEY.

Cross-border trade. The estimates of cross-border exports of private services for 2005 have been revised

up \$7.3 billion, or 2 percent, to \$367.8 billion, and the estimates of cross-border imports have been revised up \$1.0 billion, or less than 1 percent, to \$281.6 billion. For 2004, exports were revised up \$5.0 billion, or 2 percent, to \$333.0 billion, and imports were revised up \$1.9 billion, or less than 1 percent, to \$259.2 billion. For 2003, exports were revised up \$1.1 billion, or less than 1 percent, while imports were virtually unrevised.

These revisions to the estimates of cross-border trade in services reflect the regular annual revisions that are released in June and are published in the international transactions accounts in the July SURVEY. These revisions generally reflect the incorporation of regular source data as well as statistical and methodological improvements.

Sales through affiliates. The estimates of sales through affiliates for 2005 are preliminary. The estimates for 2004 have been revised to incorporate newly available and improved source data, to correct errors or omissions, or to implement other changes resulting from the regular annual revision of the data on multinational companies’ operations. Estimates for 2003 and preceding years are unchanged.

For 2004, the estimates of sales of services abroad through nonbank majority-owned foreign affiliates of nonbank U.S. multinational companies were revised down \$6.6 billion, or 1 percent, to \$483.0 billion. The estimates of sales of services to U.S. persons by nonbank majority-owned U.S. affiliates of foreign multinational companies were revised down \$0.8 billion, or less than 1 percent, to \$382.0 billion.

Current Efforts to Improve the Estimates

As part of its efforts to improve the data on international services, BEA has recently initiated several changes in methodology and data collection.¹⁶ Some of these changes have already been implemented, and others are underway.

16. For a summary of the improvements implemented from 1990–2003, see the appendix “Improvements to BEA’s Estimates of U.S. International Services, 1990–2003,” in Borgia and Mann, SURVEY 83 (October 2003): 74–76. For a summary of changes initiated from 2004–2006, see the appendix on improvements included in each October SURVEY article in this series since 2003.

Data Availability

The estimates of cross-border trade for 1986–2006 and the estimates of sales through majority-owned affiliates for 1989–2005 can be downloaded from BEA’s Web site. To access these files, go to <www.bea.gov> under “International,” click on “Trade in Goods and Services” and then, look under “International Services” for “Cross-border trade for 1986–2006 and sales through affiliates for 1986–2005.”

Reconfiguration of surveys of cross-border trade. BEA has consolidated its collection of cross-border services transactions. Beginning with the 2006 BE-120 Benchmark Survey of Transactions in Selected Services and Intangible Assets with Foreign Persons conducted in early 2007, transactions with affiliated and unaffiliated foreign persons are reported on the same form. That practice continues with the BE-125 Quarterly Survey of Transactions in Selected Services and Intangible Assets with Foreign Persons and the BE-185 Quarterly Survey of Financial Services Transactions Between U.S. Financial Services Providers and Foreign Persons for 2007 onward. Previously, BEA had collected data on affiliated and unaffiliated transactions on separate surveys.

This change should improve the quality of BEA's estimates because the collection of unaffiliated and affiliated transactions on the same form should reduce the potential for duplicate reporting or for omissions. BEA is also collecting data on types of services for affiliated transactions at the same level of detail as unaffiliated transactions. Collecting both unaffiliated and affiliated transactions in the same detail will allow for a more complete picture of services trade by type of service. Moreover, detailed data on affiliated services are of analytical interest for several purposes, including addressing questions related to offshore outsourcing. BEA has also included an open-ended "other services" category to capture transactions in services not collected elsewhere, which will make the estimates more comprehensive. Finally, BEA has taken a number of steps to simplify reporting and to reduce the burden on reporters, such as eliminating the requirement to report detailed information about trade in several types of services for which U.S. trade has been small.

Because of the time required to address transitional reporting issues, BEA has only partly incorporated data from the new surveys into the estimates of cross-border service transactions in this article. The new survey data covering 2006 will be incorporated in the international transactions accounts tables published in the July 2008 SURVEY OF CURRENT BUSINESS and in the October 2008 article in this series.

Data sources for travel. BEA is exploring the use of data on expenditures made by U.S. travelers abroad and foreign travelers in the United States using credit cards.

BEA's current estimates of travel services largely use a method that involves multiplying the number of travelers by their average expenditures. The numbers of travelers are based on data provided by U.S. immi-

gration authorities. Their average expenditures are based on information collected on a survey administered to travelers leaving the United States while they are in flight or in the boarding area. This survey requires departing foreign visitors to recall the amount of expenditures that they made during their trip, and it requires departing U.S. travelers to predict the amount of expenditures that they plan to make on their upcoming trip.

A methodology based on credit card-based information on travel expenditures has the potential to result in higher quality estimates. Credit card transactions and ATM withdrawals can provide accurate data on a large portion of spending by travelers abroad and in the United States. To provide a basis for expanding these data to include transactions using all forms of payment, BEA plans to conduct a survey that will collect information from travelers on the proportion of their expenditures abroad made using various means—such as credit cards, cash withdrawals from ATMs, and traveler's checks. It would use the data from this survey to expand the credit card data to cover travel service purchases made using all spending methods.

Strategies to improve coverage. BEA is working with the Census Bureau to obtain information from the Census Bureau's 2006 Company Organization Survey (COS) that would enable BEA to expand its mailing list of companies that receive its surveys of cross-border transactions. To help identify companies that may be missing from BEA's mailing list, the 2006 COS included new screening questions on whether the reporting company imported services. In addition, the sample of companies covered by the COS was significantly expanded. This information will be used by BEA to identify services importers and to augment its mailing lists for its surveys.

Annual surveys of banks. BEA is currently working to add coverage of banks to its annual survey of U.S. direct investment abroad. The survey would collect information on sales of services as well as other measures of operations by foreign bank affiliates of U.S. parent companies and by nonbank foreign affiliates with U.S. bank parents. The initial year of coverage would be 2007. Currently, these entities are only covered on benchmark surveys that are conducted every 5 years. The introduction of annual survey coverage for banks represents an important step in improving the data on international services and fills a gap in coverage.

Tables 1–11.2 follow.

Table 2. Private Services Trade by Area and Country, 1992–2006—Continues
 [Millions of dollars]

	Exports														
	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
All countries.....	164,024	171,566	186,721	203,722	222,115	238,457	244,427	265,106	284,028	272,814	279,561	290,217	332,994	367,813	404,327
Canada	17,363	17,016	17,082	17,868	19,453	20,450	19,393	22,578	24,560	24,346	24,896	27,328	29,723	33,827	39,307
Europe	60,655	62,370	67,469	73,332	81,296	86,185	94,198	101,287	107,629	103,700	110,476	118,042	137,221	148,727	163,566
Belgium-Luxembourg	2,310	2,198	2,762	2,820	2,851	2,837	2,993	3,328	3,307	3,338	4,251	3,968	4,575	4,898	5,866
France	7,001	6,833	6,716	7,920	8,883	9,293	9,655	9,963	10,554	10,063	11,062	11,035	13,101	13,242	14,935
Germany	10,858	11,356	11,532	12,687	13,321	13,824	14,889	16,144	15,925	14,599	15,702	17,082	19,245	20,325	20,635
Italy	4,503	4,083	4,262	4,517	4,862	4,978	5,592	5,296	5,457	5,094	5,201	5,638	6,252	7,159	7,528
Netherlands	3,737	4,103	5,472	6,109	7,038	7,355	6,611	6,970	7,059	6,902	8,001	7,856	8,360	9,089	9,944
Norway	1,128	1,245	1,149	1,213	1,378	1,404	1,410	1,433	1,403	1,487	1,471	1,503	1,825	2,134	2,457
Spain	2,452	2,271	2,664	2,991	3,099	3,424	3,524	3,916	3,818	3,330	3,562	3,753	4,337	5,073	6,245
Sweden	1,763	1,739	1,744	1,890	2,466	2,382	2,580	2,364	3,486	3,173	3,173	3,446	3,624	3,946	4,643
Switzerland	2,889	3,006	3,706	3,906	4,357	4,343	4,869	4,834	5,705	6,342	6,369	7,745	10,746	11,474	13,153
United Kingdom	16,173	17,257	17,889	18,912	20,226	23,774	26,634	29,913	31,972	30,734	32,450	35,184	41,544	44,863	47,887
Other	7,843	8,278	9,571	10,365	12,814	12,570	15,441	17,123	18,945	18,638	19,229	20,832	23,611	26,523	30,273
Latin America and Other Western Hemisphere	26,673	28,985	32,467	32,919	35,610	42,205	46,703	50,773	54,418	52,937	51,419	50,237	57,525	62,310	69,237
South and Central America	23,158	25,126	27,836	27,561	29,772	35,050	38,419	39,738	42,653	41,119	38,677	37,282	40,372	44,913	49,793
Argentina	1,784	2,130	2,459	2,394	2,759	3,383	3,596	3,655	3,624	3,233	1,628	1,589	2,136	1,909	2,241
Brazil	2,500	2,944	3,732	4,994	5,208	6,408	6,620	5,641	6,309	5,826	5,003	4,856	4,942	6,078	7,557
Chile	614	773	1,151	982	1,180	1,431	1,367	1,551	1,439	1,302	1,187	1,089	1,162	1,328	1,455
Mexico	10,458	10,394	11,321	8,691	9,429	10,795	11,639	12,827	14,325	15,159	16,109	16,245	17,922	20,889	22,443
Venezuela	1,988	2,425	2,139	2,492	2,399	2,681	3,073	3,282	3,309	3,290	2,836	2,118	2,442	2,777	3,229
Other	5,817	6,462	7,036	8,009	8,796	10,354	12,127	12,783	13,649	12,309	11,917	11,384	11,767	11,933	12,865
Other Western Hemisphere	3,513	3,857	4,630	5,359	5,838	7,154	8,282	11,034	11,765	11,818	12,739	12,956	17,154	17,399	19,444
Bermuda	436	509	601	782	822	869	1,113	1,417	1,568	2,326	3,088	3,311	4,284	4,445	4,845
Other	3,075	3,348	4,030	4,577	5,016	6,287	7,169	9,617	10,196	9,491	9,650	9,844	12,868	12,953	14,599
Africa, Middle East, and Asia and Pacific	54,767	58,430	64,719	74,242	79,941	83,877	77,990	84,352	91,210	86,120	87,086	90,010	103,600	117,731	128,398
Africa	2,230	2,325	2,581	2,866	3,036	3,481	4,118	4,723	4,947	5,128	5,133	5,766	6,512	7,448	8,081
South Africa	464	493	624	798	843	1,003	1,068	1,317	1,425	1,308	1,181	1,187	1,285	1,461	1,626
Other	1,769	1,833	1,957	2,069	2,194	2,477	3,051	3,406	3,523	3,820	3,951	4,578	5,227	5,985	6,455
Middle East	3,994	4,147	5,050	5,782	6,675	6,847	7,458	7,795	6,899	6,983	6,432	7,054	8,577	9,683	11,262
Israel	923	1,107	1,484	1,634	1,898	1,929	2,061	2,266	2,421	2,356	2,279	2,244	2,665	2,658	2,951
Saudi Arabia	1,359	1,238	1,862	2,083	1,689	1,910	1,975	2,389	1,813	1,917	1,519	1,612	1,654	1,879	2,105
Other	1,713	1,801	1,702	2,065	3,089	3,006	3,420	3,140	2,666	2,709	2,633	3,198	4,259	5,146	6,207
Asia and Pacific	48,542	51,959	57,089	65,594	70,230	73,549	66,414	71,834	79,364	74,009	75,522	77,190	88,511	100,601	109,055
Australia	3,470	3,541	3,780	4,239	4,504	4,908	4,802	5,201	5,573	4,870	5,269	6,053	6,912	7,580	9,109
China	1,570	1,916	2,051	2,512	3,167	3,612	3,958	4,029	5,207	5,639	6,044	5,982	7,578	9,070	10,900
Hong Kong	2,260	2,357	2,795	2,984	3,329	3,630	3,466	3,534	3,797	3,478	3,289	3,377	3,715	4,370	5,298
India	1,093	1,138	1,224	1,317	1,495	1,596	1,880	2,040	2,539	3,003	3,255	3,776	4,470	5,158	6,659
Indonesia	771	893	874	1,154	1,415	1,791	1,475	1,486	1,115	1,009	1,088	1,186	1,141	1,215	1,283
Japan	25,446	26,654	28,780	33,086	33,341	33,790	29,746	30,888	33,414	30,228	30,231	29,616	35,624	42,087	41,253
Korea, Republic of	3,369	3,647	4,602	5,684	7,435	7,110	4,757	5,463	7,284	6,854	8,021	8,330	9,237	10,365	11,454
Malaysia	604	677	886	1,030	1,279	1,259	1,050	1,110	1,118	1,193	1,167	1,218	1,196	1,401	1,611
New Zealand	761	788	825	986	1,173	1,246	1,231	1,183	1,254	1,082	1,016	1,019	1,132	1,303	1,379
Philippines	968	1,241	1,182	1,057	1,235	1,500	1,320	1,654	1,613	1,607	1,489	1,356	1,471	1,690	1,870
Singapore	2,147	2,414	2,644	3,153	3,852	4,092	3,820	5,148	6,078	5,882	5,572	6,009	5,781	5,848	6,653
Taiwan	3,163	3,467	4,167	4,424	4,057	4,753	4,016	4,932	4,922	4,882	4,898	4,862	5,660	6,365	7,136
Thailand	749	1,015	1,016	1,184	1,214	1,240	1,162	1,137	1,175	1,058	1,158	1,066	1,136	1,516	1,602
Other	2,167	2,206	2,266	2,784	2,734	3,019	3,729	4,028	4,275	3,222	3,029	3,340	3,459	2,634	2,847
International organizations and unallocated	4,564	4,762	4,986	5,359	5,814	5,737	6,147	6,116	6,210	5,709	5,686	4,601	4,924	5,217	3,817
Addenda:															
European Union ¹	51,601	52,508	55,826	64,094	70,368	74,979	82,193	88,884	94,228	89,674	96,534	102,120	118,832	128,845	140,484

See the footnote at the end of the table.

Table 2. Private Services Trade by Area and Country, 1992–2006—Table Ends

(Millions of dollars)

	Imports														
	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
All countries	103,469	109,439	120,280	128,731	138,806	151,463	165,642	183,034	207,392	204,074	209,048	221,938	259,170	281,607	307,770
Canada	8,484	9,106	9,877	11,004	12,415	13,716	15,015	16,063	17,711	17,203	17,763	19,305	20,707	22,324	23,542
Europe	42,346	45,190	49,885	53,379	55,920	62,399	71,069	77,798	89,820	89,582	92,382	99,373	111,167	123,582	137,095
Belgium-Luxembourg	1,057	1,072	1,259	1,470	1,499	1,718	1,946	2,288	2,396	2,279	2,127	2,344	2,774	2,873	3,303
France	4,868	4,969	5,684	5,903	6,053	6,654	7,517	8,088	10,645	9,934	10,038	10,037	11,592	12,555	15,077
Germany	6,768	6,980	7,310	7,592	7,872	8,095	9,429	10,371	12,404	12,571	15,186	15,788	17,653	18,824	20,875
Italy	3,185	3,155	3,442	3,769	3,531	3,702	4,104	4,729	5,061	5,186	4,481	4,742	5,556	6,252	6,382
Netherlands	2,477	2,228	2,639	3,205	3,171	3,575	4,335	4,711	5,693	6,114	6,521	6,479	6,909	7,837	8,876
Norway	1,046	1,410	1,184	1,158	1,282	1,292	785	863	922	1,325	1,112	1,382	1,977	1,999	2,004
Spain	1,283	1,081	1,136	1,106	1,300	1,452	1,872	2,187	2,562	2,262	2,372	2,682	2,811	2,862	3,127
Sweden	829	967	863	799	950	887	891	1,213	1,465	1,375	1,382	1,640	1,872	2,236	3,264
Switzerland	1,933	2,182	2,604	2,660	3,140	3,154	3,836	4,398	5,536	6,102	7,359	7,372	8,562	11,382	13,725
United Kingdom	12,082	13,929	15,067	16,307	17,251	21,398	23,805	26,472	28,301	27,453	27,219	30,419	33,184	35,588	36,817
Other	6,820	7,223	8,649	9,412	9,869	10,473	12,555	12,479	14,835	14,968	14,587	16,488	18,278	21,174	23,647
Latin America and Other Western Hemisphere	20,596	21,124	23,021	23,558	26,397	28,775	30,878	33,838	38,090	40,194	41,487	45,452	53,484	52,180	57,248
South and Central America	13,493	13,627	14,894	15,548	17,737	19,229	19,768	20,445	22,358	21,137	21,965	22,563	25,343	27,320	29,309
Argentina	458	469	575	575	784	875	865	903	978	753	582	725	746	837	1,042
Brazil	688	744	917	1,176	1,403	1,775	1,962	1,726	1,953	1,856	1,723	1,837	1,931	2,137	2,842
Chile	332	364	416	429	520	540	569	824	887	857	713	622	645	729	781
Mexico	7,291	7,428	7,865	7,948	8,940	9,857	9,839	9,506	11,026	10,559	11,784	12,171	13,580	14,317	14,757
Venezuela	636	715	762	701	768	715	738	720	608	667	459	378	530	600	552
Other	4,086	3,907	4,362	4,720	5,322	5,464	5,793	6,767	6,906	6,445	6,705	6,832	7,912	8,701	9,335
Other Western Hemisphere	7,104	7,496	8,127	8,012	8,659	9,546	11,111	13,392	15,732	19,056	19,523	22,890	28,139	24,860	27,941
Bermuda	1,691	1,712	1,925	1,944	2,175	2,614	3,977	5,540	6,315	9,998	10,785	12,652	15,007	13,641	15,084
Other	5,413	5,783	6,200	6,067	6,484	6,931	7,136	7,857	9,415	9,060	8,739	10,238	13,130	11,219	12,855
Africa, Middle East, and Asia and Pacific	29,328	32,080	35,620	38,689	41,824	44,704	46,319	53,297	57,824	53,725	54,052	54,468	68,573	78,362	84,609
Africa	1,479	1,537	1,919	1,955	2,388	2,556	2,541	2,634	2,768	2,881	2,721	3,251	3,747	3,943	4,325
South Africa	202	231	296	400	543	728	858	866	855	872	754	998	1,096	943	1,050
Other	1,279	1,307	1,623	1,555	1,844	1,831	1,684	1,767	1,912	2,008	1,967	2,252	2,650	3,000	3,276
Middle East	2,078	2,190	2,261	2,686	3,162	3,246	3,697	3,865	3,307	3,267	3,242	3,621	5,238	5,299	5,125
Israel	1,026	1,069	1,197	1,178	1,363	1,510	1,436	1,601	2,011	1,699	1,549	1,813	2,158	2,400	2,344
Saudi Arabia	349	351	319	572	451	590	872	890	499	561	565	341	413	402	446
Other	701	769	745	940	1,350	1,144	1,386	1,375	798	1,006	1,129	1,466	2,669	2,498	2,333
Asia and Pacific	25,771	28,353	31,440	34,048	36,274	38,902	40,081	46,798	51,749	47,577	48,089	47,596	59,587	69,120	75,159
Australia	2,230	2,163	1,912	2,129	2,572	2,663	2,985	3,326	3,493	3,665	3,059	3,210	3,975	4,686	4,789
China	1,055	1,307	1,477	1,683	1,937	2,225	2,302	2,683	3,259	3,643	4,123	3,937	5,783	6,629	7,248
Hong Kong	1,493	1,535	1,985	2,029	3,052	3,043	3,240	4,011	4,318	3,734	3,610	3,038	4,870	5,423	6,407
India	639	691	761	854	1,096	1,225	1,542	1,520	1,898	1,815	1,809	1,972	2,831	5,026	6,613
Indonesia	437	432	443	448	554	550	310	379	440	294	286	285	323	363	349
Japan	10,599	11,808	12,732	13,419	12,982	13,565	13,408	16,018	17,405	16,484	17,004	17,039	19,778	22,506	23,883
Korea, Republic of	2,050	2,356	2,803	3,586	4,125	4,543	4,164	4,305	4,625	4,026	4,427	4,522	5,448	6,089	6,429
Malaysia	265	301	357	454	458	535	374	382	387	525	493	514	615	727	840
New Zealand	526	538	569	603	658	691	940	1,104	1,163	1,353	928	1,127	1,403	1,433	1,522
Philippines	788	852	1,039	1,124	1,363	1,463	1,245	1,197	1,540	1,493	1,328	1,288	1,773	1,618	1,767
Singapore	749	948	1,164	1,240	1,823	2,106	1,860	2,353	2,363	1,900	2,035	2,239	2,775	3,828	3,891
Taiwan	1,974	2,380	2,654	2,860	2,710	3,369	2,910	3,465	4,223	4,460	5,029	4,877	5,653	6,564	6,980
Thailand	393	379	478	678	804	761	800	924	929	869	805	720	911	1,091	1,145
Other	2,574	2,661	3,064	2,943	2,141	2,162	4,001	5,132	5,706	3,313	3,151	2,828	3,449	3,135	3,294
International organizations and unallocated	2,707	1,940	1,887	2,099	2,251	1,867	2,358	2,036	3,946	3,370	3,365	3,335	5,242	5,157	5,275
Addenda:															
European Union ¹	35,282	37,185	40,816	45,589	47,038	53,319	60,912	67,642	77,872	77,154	78,991	84,871	97,049	106,514	117,299

1. The European Union includes Belgium, Denmark, France, Germany, Greece, Ireland, Italy, Luxembourg, Netherlands, Portugal, Spain, and the United Kingdom, beginning with 1995, it also includes Austria, Finland, and Sweden; and beginning with 2004, it also includes Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Malta, Poland, Slovakia,

and Slovenia. (Estimates for 2004 and 2005 reflect the addition of the last 10 countries beginning in the second quarter of 2004, when they joined the Union.)

Table 3.1. Travel, Passenger Fares, and Other Transportation, 2004

[Millions of dollars]

	Receipts											Payments										
	Travel	Pas- senger fares	Other Transportation								Travel	Pas- senger fares	Other Transportation									
			Total	Freight				Port services					Total	Freight				Port services				
				Total	Ocean	Air	Other	Total	Ocean	Air				Other	Total	Ocean	Air	Other	Total	Ocean	Air	Other
All countries.....	74,546	18,851	36,957	15,479	4,531	7,726	3,222	21,478	10,030	11,235	213	65,750	24,718	54,161	39,225	30,489	5,978	2,758	14,936	1,641	13,225	70
Canada.....	7,995	2,498	2,735	2,108	152	115	1,841	627	86	328	213	7,293	441	4,049	3,183	414	33	2,736	866	149	647	70
Europe.....	24,995	6,946	12,806	4,710	1,218	2,956	536	8,096	4,052	4,044	213	22,038	12,758	19,942	14,126	12,426	1,698	2	5,816	480	5,336	213
Belgium-Luxembourg.....	506	345	509	393	221	160	12	116	61	55	229	229	27	746	257	162	95	489	137	352	0	
France.....	2,008	660	1,163	485	47	362	76	678	211	467	312	3,129	1,275	1,574	751	510	241	823	7	816	0	
Germany.....	3,636	1,051	2,680	735	174	493	68	1,945	880	1,065	251	2,511	2,168	3,797	2,753	2,355	398	1,044	88	956	0	
Italy.....	1,335	451	514	202	52	143	7	312	95	217	270	2,704	592	705	418	357	61	287	52	235	0	
Netherlands.....	1,162	388	1,030	501	143	309	49	529	276	253	791	832	1,579	1,044	774	270	535	59	476	0		
Norway.....	359	143	422	35	12	15	8	387	387	0	199	10	1,353	1,350	1,350	0	3	3	0	0		
Spain.....	1,077	258	381	209	59	114	36	172	20	152	1,317	249	221	142	116	26	79	10	69	0		
Sweden.....	677	0	245	52	16	35	1	193	57	136	145	88	266	233	170	63	33	4	29	0		
Switzerland.....	670	240	706	144	1	113	30	562	315	247	411	402	732	731	730	1	1	0	1	0		
United Kingdom.....	9,576	3,079	2,699	1,179	221	948	10	1,520	308	1,212	6,071	4,451	3,499	1,660	1,229	431	1,839	56	1,783	0		
Other.....	3,989	331	2,457	775	272	264	239	1,682	1,442	240	4,531	2,664	5,470	4,787	4,673	112	2	683	64	619	0	
Latin America and Other Western Hemisphere.....	18,577	4,826	4,162	2,341	636	1,426	279	1,821	567	1,254	213	20,981	2,923	4,801	2,547	2,323	204	20	2,254	243	2,011	213
South and Central America.....	15,670	4,034	3,327	2,051	512	1,325	214	1,276	180	1,096	16,053	2,150	2,384	717	497	200	20	1,667	115	1,552	0	
Argentina.....	506	261	88	56	7	47	2	32	0	32	358	62	125	6	1	5	119	0	119	0		
Brazil.....	1,375	495	529	320	16	271	33	209	5	204	687	259	352	71	25	46	281	1	280	0		
Chile.....	283	105	258	124	7	62	55	134	49	85	235	97	176	174	118	56	2	1	1	0		
Mexico.....	6,257	1,367	1,114	512	198	246	68	602	82	520	9,317	860	1,049	219	191	8	20	830	21	809	0	
Venezuela.....	1,110	214	150	113	9	98	6	37	19	18	256	40	152	71	0	0	81	26	55	0		
Other.....	6,139	1,592	1,188	926	275	601	50	262	25	237	5,200	832	530	176	91	85	354	66	288	0		
Other Western Hemisphere.....	2,907	792	835	290	124	101	65	545	387	158	4,928	773	2,417	1,830	1,826	4	587	128	459	0		
Bermuda.....	44	24	320	60	0	8	52	260	260	0	330	0	1,138	1,136	1,136	0	2	0	2	0		
Other.....	2,863	768	515	230	124	93	13	285	127	158	4,598	773	1,279	694	690	4	585	128	457	0		
Africa.....	1,128	45	978	684	608	69	7	294	17	277	213	1,407	500	355	250	67	183	105	88	17	213	
South Africa.....	275	8	129	33	16	10	7	96	14	82	414	231	67	46	38	8	21	4	17	0		
Other.....	853	37	849	651	592	59	0	198	3	195	993	269	288	204	29	175	84	84	0	0		
Middle East.....	1,626	270	1,872	933	642	259	32	939	200	739	213	1,555	663	1,252	826	531	295	426	111	315	213	
Israel.....	832	258	722	411	307	85	19	311	155	156	381	371	572	458	384	74	114	63	51	0		
Saudi Arabia.....	174	0	140	73	42	21	10	67	23	44	160	23	100	83	60	23	17	17	0	0		
Other.....	620	12	1,010	449	293	153	3	561	22	539	1,014	269	580	285	87	198	295	31	264	0		
Asia and Pacific.....	20,225	4,265	13,566	4,701	1,273	2,901	527	8,865	4,272	4,593	213	12,476	7,433	20,257	14,788	11,223	3,565	5,469	570	4,899	213	
Australia.....	2,074	480	343	261	77	152	32	82	4	78	1,128	808	277	93	26	67	184	3	181	0		
China.....	894	221	1,877	532	215	279	38	1,345	757	588	1,637	388	3,030	2,508	1,862	646	522	216	306	0		
Hong Kong.....	390	183	753	353	48	305	0	400	118	282	1,020	872	1,143	674	474	200	469	52	417	0		
India.....	1,367	24	302	185	154	31	0	117	21	96	1,112	154	207	124	112	12	83	61	22	0		
Indonesia.....	191	131	74	71	60	11	0	3	1	2	144	0	58	2	1	1	56	19	37	0		
Japan.....	10,051	3,043	3,746	1,663	253	1,231	179	2,083	1,011	1,072	2,467	1,165	5,832	3,337	2,674	663	2,495	67	2,428	0		
Korea, Republic of.....	2,218	64	2,490	338	41	225	72	2,152	833	1,319	904	1,219	2,836	2,712	1,952	760	124	18	106	0		
Malaysia.....	141	0	170	101	31	70	0	69	28	41	181	66	134	122	114	8	12	12	0	0		
New Zealand.....	469	2	176	15	0	8	7	161	0	161	572	600	73	30	30	30	43	0	43	0		
Philippines.....	509	73	241	62	12	50	0	179	37	142	710	422	202	131	109	22	71	15	56	0		
Singapore.....	385	16	625	299	69	230	0	326	149	177	333	277	1,157	921	594	327	236	15	221	0		
Taiwan.....	865	22	1,996	369	48	258	63	1,627	1,214	413	751	1,011	3,459	3,352	2,839	513	107	27	80	0		
Thailand.....	239	6	107	57	21	36	0	50	6	44	557	53	179	125	21	104	54	18	36	0		
Other.....	412	0	666	395	244	15	136	271	93	178	960	398	1,670	657	445	212	1,013	47	966	0		
International organizations and unallocated.....	0	0	838	2	2	0	0	836	836	0	0	0	3,505	3,505	3,505	0	0	0	0	0	0	
Addenda:																						
European Union ¹	22,730	6,449	11,300	4,255	1,058	2,783	414	7,045	3,231	3,814	213	20,032	11,931	17,120	11,607	9,944	1,663	5,513	426	5,087	213	

1. See table 2, footnote 1.

Table 3.2. Travel, Passenger Fares, and Other Transportation, 2005
 [Millions of dollars]

	Receipts											Payments											
	Travel	Pas- senger fares	Other Transportation								Travel	Pas- senger fares	Other Transportation										
			Total	Freight			Port services						Total	Freight	Port services								
				Total	Ocean	Air	Other	Total	Ocean	Air					Other	Total	Ocean	Air	Other				
All countries	81,799	20,970	41,334	16,470	3,943	9,327	3,200	24,865	11,602	12,933	329	68,970	26,149	61,929	43,920	34,652	6,113	3,155	18,009	1,584	16,343	82	
Canada	9,088	2,631	3,093	2,208	102	140	1,966	885	92	464	329	7,160	358	4,345	3,399	439	27	2,933	946	106	758	82	
Europe	27,220	7,200	14,992	5,512	1,205	3,657	650	9,480	4,933	4,547	.....	23,273	13,383	23,679	16,502	14,531	1,769	202	7,177	524	6,653	.....
Belgium-Luxembourg.....	535	324	540	416	205	195	16	124	63	61	.....	262	26	748	272	167	105	.....	476	126	350	.....
France.....	2,371	727	1,452	548	44	464	40	904	243	661	.....	2,937	1,641	1,958	991	567	242	182	967	11	956	.....
Germany.....	3,810	1,082	2,941	842	166	556	120	2,099	1,100	999	.....	2,591	2,424	4,596	3,400	3,017	383	.....	1,196	92	1,104	.....
Italy.....	1,594	607	560	235	56	175	4	325	99	226	.....	2,881	657	892	405	345	60	.....	487	47	440	.....
Netherlands.....	1,015	449	1,304	597	146	411	40	707	409	298	.....	982	837	2,052	1,289	1,042	247	.....	763	72	691	.....
Norway.....	369	242	466	54	15	24	15	412	412	.....	142	0	1,369	1,336	1,336	.....	.....	33	5	28	.....	
Spain.....	1,299	283	349	221	76	145	.....	128	23	105	.....	1,140	240	361	147	125	22	.....	214	15	199	.....
Sweden.....	695	53	276	59	15	42	2	217	67	150	.....	198	105	307	263	196	67	.....	44	6	38	.....
Switzerland.....	686	247	637	189	4	124	61	448	311	137	.....	411	425	899	713	712	1	.....	186	0	186	.....
United Kingdom.....	10,684	2,808	3,167	1,448	211	1,131	106	1,719	378	1,341	.....	7,133	4,481	4,096	1,815	1,422	393	.....	2,281	67	2,214	.....
Other.....	4,162	378	3,300	903	267	390	246	2,397	1,828	569	.....	4,596	2,547	6,401	5,871	5,602	249	20	530	83	447	.....
Latin America and Other Western Hemisphere	18,471	5,562	4,966	2,499	523	1,768	208	2,467	673	1,794	.....	21,525	3,033	5,886	3,127	2,707	400	20	2,759	162	2,597	.....
South and Central America.....	15,970	4,715	3,931	2,195	409	1,626	160	1,736	191	1,545	.....	16,632	2,443	2,963	862	496	346	20	2,101	45	2,056	.....
Argentina.....	461	293	123	76	4	72	.....	47	5	42	.....	409	59	120	17	13	4	.....	103	0	103	.....
Brazil.....	1,577	624	663	388	13	371	4	275	5	270	.....	674	317	397	62	13	49	.....	335	0	335	.....
Chile.....	330	94	304	166	5	83	78	138	54	84	.....	238	109	223	172	122	50	.....	51	0	51	.....
Mexico.....	6,774	1,709	1,278	535	213	266	56	743	94	649	.....	9,857	973	915	238	209	9	20	677	25	652	.....
Venezuela.....	1,135	354	170	136	10	118	8	34	10	24	.....	280	63	125	37	37	.....	88	3	85	.....	
Other.....	5,693	1,641	1,393	894	164	716	14	499	23	476	.....	5,174	922	1,183	336	102	234	.....	847	17	830	.....
Other Western Hemisphere	2,501	847	1,035	304	114	142	48	731	482	249	.....	4,893	590	2,923	2,265	2,211	54	.....	658	117	541	.....
Bermuda.....	44	24	382	51	2	8	41	331	331	.....	241	0	1,383	1,348	1,348	.....	.....	35	1	34	.....	
Other.....	2,457	823	653	253	112	134	7	400	151	249	.....	4,652	590	1,540	917	863	54	.....	623	116	507	.....
Africa	1,179	42	675	442	358	80	4	233	29	204	.....	1,497	472	376	193	129	64	.....	183	65	118	.....
South Africa.....	314	1	151	26	9	13	4	125	13	112	.....	264	177	83	42	36	6	.....	41	4	37	.....
Other.....	865	41	524	416	349	67	.....	108	16	92	.....	1,233	295	293	151	93	58	.....	142	61	81	.....
Middle East	1,819	250	1,753	725	478	203	44	1,028	192	836	.....	1,362	760	1,127	673	514	159	.....	454	97	357	.....
Israel.....	926	250	597	244	133	77	34	353	141	212	.....	388	399	615	402	354	48	.....	213	49	164	.....
Saudi Arabia.....	203	0	200	114	80	24	10	86	26	60	.....	88	18	141	94	68	26	.....	47	11	36	.....
Other.....	690	0	956	367	265	102	.....	589	25	564	.....	886	343	371	177	92	85	.....	194	37	157	.....
Asia and Pacific	24,022	5,285	14,819	5,084	1,277	3,479	328	9,735	4,647	5,088	.....	14,153	8,143	22,359	15,869	12,175	3,694	.....	6,490	630	5,860	.....
Australia.....	2,244	564	348	265	78	159	28	83	5	78	.....	1,188	901	309	119	24	95	.....	190	3	187	.....
China.....	1,181	353	1,838	570	224	298	48	1,268	594	674	.....	2,104	487	3,088	2,206	1,500	706	.....	882	206	676	.....
Hong Kong.....	447	146	902	258	42	216	.....	644	198	446	.....	1,084	873	1,636	1,052	762	290	.....	584	36	548	.....
India.....	1,519	98	316	152	128	24	.....	164	34	130	.....	1,493	187	314	179	161	18	.....	135	69	66	.....
Indonesia.....	209	146	101	98	60	38	.....	3	0	3	.....	176	0	45	0	0	0	.....	45	31	14	.....
Japan.....	12,719	3,805	4,340	1,939	287	1,576	76	2,401	1,132	1,269	.....	2,788	1,260	6,598	3,612	2,959	653	.....	2,986	80	2,906	.....
Korea, Republic of.....	2,551	57	2,421	351	51	200	100	2,070	903	1,167	.....	1,002	1,281	3,194	2,914	2,059	855	.....	280	19	261	.....
Malaysia.....	153	0	313	239	28	211	.....	74	25	49	.....	160	74	199	113	105	8	.....	86	16	70	.....
New Zealand.....	495	0	250	37	2	35	.....	213	0	213	.....	584	607	79	41	0	41	.....	38	0	38	.....
Philippines.....	540	55	395	197	49	144	4	198	32	166	.....	488	457	198	122	95	27	.....	76	17	59	.....
Singapore.....	412	12	630	252	58	194	.....	378	144	234	.....	549	308	1,196	910	555	355	.....	286	21	265	.....
Taiwan.....	881	12	2,250	343	73	198	72	1,907	1,399	508	.....	885	1,229	3,975	3,762	3,188	574	.....	213	36	177	.....
Thailand.....	200	4	258	194	52	142	.....	64	7	57	.....	693	77	170	32	25	7	.....	138	44	94	.....
Other.....	471	33	457	189	145	44	.....	268	174	94	.....	959	402	1,358	807	742	65	.....	551	52	499	.....
International organizations and unallocated	1,036	0	0	1,036	1,036	4,157	4,157	4,157	0
Addenda:
European Union ¹	25,163	6,560	13,350	5,042	1,056	3,424	562	8,308	4,084	4,224	.....	21,264	12,513	20,678	13,895	12,074	1,639	182	6,783	464	6,319	.....

1. See table 2, footnote 1.

Table 3.3. Travel, Passenger Fares, and Other Transportation, 2006

(Millions of dollars)

	Receipts												Payments											
	Travel	Pas- senger fares	Other Transportation										Travel	Pas- senger fares	Other Transportation									
			Total	Freight				Port services				Total			Pas- senger fares	Freight				Port services				
				Total	Ocean	Air	Other	Total	Ocean	Air	Other					Total	Ocean	Air	Other	Total	Ocean	Air	Other	
All countries	85,694	22,187	46,297	17,266	3,882	9,941	3,443	29,031	13,954	14,732	345	72,029	27,503	65,282	45,700	36,098	6,266	3,336	19,582	1,572	17,924	86		
Canada	10,334	3,095	3,189	2,257	97	149	2,011	932	125	462	345	7,319	373	4,725	3,627	499	23	3,105	1,098	102	910	86		
Europe	27,393	6,907	16,891	5,914	1,126	4,018	770	10,977	5,914	5,063	.....	22,829	13,997	24,767	17,078	15,065	1,806	207	7,689	546	7,143	.....	
Belgium-Luxembourg.....	554	317	615	480	202	209	69	135	71	64	.....	280	5	743	274	177	97	.....	469	107	362	.....	
France.....	2,289	569	1,618	610	39	478	93	1,008	298	710	.....	3,124	1,864	2,080	1,063	612	264	187	1,017	4	1,013	.....	
Germany.....	3,165	1,041	3,348	971	152	675	144	2,377	1,318	1,059	.....	2,559	2,596	5,006	3,637	3,249	388	.....	1,369	96	1,273	.....	
Italy.....	1,564	565	599	243	53	186	4	356	110	246	.....	2,887	775	798	399	332	67	.....	399	46	353	.....	
Netherlands.....	1,021	387	1,421	603	146	413	44	818	512	306	.....	1,027	826	2,151	1,380	1,149	231	.....	771	82	689	.....	
Norway.....	398	230	516	49	11	23	15	467	467	.....	119	0	1,364	1,331	1,331	.....	.....	.....	33	7	26	.....	
Spain.....	1,454	320	360	206	68	138	.....	154	28	126	.....	1,243	286	366	148	127	21	.....	218	21	197	.....	
Sweden.....	719	124	313	72	14	56	2	241	81	160	.....	319	94	331	267	200	67	.....	64	8	56	.....	
Switzerland.....	771	231	713	208	1	143	64	505	353	152	.....	550	467	907	711	710	1	.....	196	0	196	.....	
United Kingdom.....	10,775	2,539	3,459	1,426	205	1,213	8	2,033	467	1,566	.....	5,697	4,772	4,364	1,883	1,481	402	.....	2,481	64	2,417	.....	
Other.....	4,683	584	3,929	1,046	235	484	327	2,883	2,209	674	.....	5,024	2,312	6,657	5,985	5,697	268	.....	672	111	561	.....	
Latin America and Other Western Hemisphere	20,693	6,344	5,362	2,622	531	1,971	120	2,740	754	1,986	.....	23,735	3,050	6,076	2,950	2,522	404	24	3,126	112	3,014	.....	
South and Central America.....	17,476	5,416	4,186	2,300	362	1,830	108	1,886	189	1,697	.....	17,277	2,415	3,187	781	414	343	24	2,406	36	2,370	.....	
Argentina.....	533	337	133	82	4	78	.....	51	4	47	.....	572	50	118	11	8	3	.....	107	0	107	.....	
Brazil.....	1,947	708	776	461	12	445	4	315	12	303	.....	749	263	465	64	28	36	.....	401	0	401	.....	
Chile.....	373	92	290	135	6	95	34	155	55	100	.....	304	110	211	149	106	43	.....	62	0	62	.....	
Mexico.....	7,146	2,119	1,403	569	216	293	60	834	90	744	.....	10,003	901	981	211	175	12	24	770	12	758	.....	
Venezuela.....	1,336	419	147	116	9	103	4	31	4	27	.....	249	68	93	8	8	.....	85	8	77	.....		
Other.....	6,141	1,741	1,437	937	115	816	6	500	24	476	.....	5,400	1,023	1,319	338	89	249	.....	981	16	965	.....	
Other Western Hemisphere.....	3,217	928	1,176	322	169	141	12	854	565	289	.....	6,458	635	2,889	2,169	2,108	61	.....	720	76	644	.....	
Bermuda.....	36	17	405	17	0	9	8	388	388	.....	284	0	1,327	1,285	1,285	.....	.....	.....	42	1	41	.....	
Other.....	3,181	911	771	305	169	132	4	466	177	289	.....	6,174	635	1,562	884	823	61	.....	678	75	603	.....	
Africa	1,244	87	775	510	373	129	8	265	28	237	.....	1,732	370	402	193	118	75	.....	209	63	146	.....	
South Africa.....	326	2	172	40	15	17	8	132	8	124	.....	338	167	83	36	25	11	.....	47	4	43	.....	
Other.....	918	85	603	470	358	112	.....	133	20	113	.....	1,394	203	319	157	93	64	.....	162	59	103	.....	
Middle East	2,077	308	1,962	773	428	244	101	1,189	222	967	.....	1,255	570	1,207	703	532	171	.....	504	93	411	.....	
Israel.....	972	305	637	240	109	94	37	397	163	234	.....	366	319	625	411	366	45	.....	214	47	167	.....	
Saudi Arabia.....	261	0	268	171	84	23	64	97	30	67	.....	116	15	147	94	70	24	.....	53	11	42	.....	
Other.....	844	3	1,057	362	235	127	.....	695	29	666	.....	773	236	435	198	96	102	.....	237	35	202	.....	
Asia and Pacific	23,953	5,445	16,735	5,190	1,327	3,430	433	11,545	5,528	6,017	.....	15,159	9,143	23,489	16,533	12,746	3,787	.....	6,956	656	6,300	.....	
Australia.....	2,482	574	352	254	73	173	8	98	4	94	.....	1,156	935	342	116	20	96	.....	226	0	226	.....	
China.....	1,642	431	2,417	737	269	416	52	1,680	677	1,003	.....	2,155	603	3,296	2,272	1,497	775	.....	1,024	199	825	.....	
Hong Kong.....	473	140	1,221	306	45	261	.....	915	349	566	.....	1,167	1,206	2,055	1,445	1,129	316	.....	610	28	582	.....	
India.....	1,865	694	425	181	127	54	.....	244	49	195	.....	2,178	190	376	204	191	13	.....	172	78	94	.....	
Indonesia.....	224	149	102	99	75	24	.....	3	0	3	.....	176	0	41	0	0	.....	41	32	9	.....		
Japan.....	11,245	3,347	4,209	1,554	280	1,166	108	2,655	1,305	1,350	.....	2,970	1,283	6,772	3,612	2,988	624	.....	3,160	100	3,060	.....	
Korea, Republic of.....	2,753	45	2,775	397	38	223	136	2,378	1,039	1,339	.....	1,011	1,425	3,246	2,962	2,079	883	.....	284	20	264	.....	
Malaysia.....	163	0	438	349	30	266	53	89	30	59	.....	133	88	213	113	105	8	.....	100	16	84	.....	
New Zealand.....	501	0	259	38	2	36	.....	221	0	221	.....	613	678	76	45	0	45	.....	31	0	31	.....	
Philippines.....	553	48	387	172	45	127	.....	215	38	177	.....	436	438	242	130	95	35	.....	112	17	95	.....	
Singapore.....	461	3	755	310	59	251	.....	445	185	260	.....	453	347	1,322	988	619	369	.....	334	28	306	.....	
Taiwan.....	880	3	2,583	381	77	228	76	2,202	1,635	567	.....	918	1,444	4,014	3,802	3,259	543	.....	212	40	172	.....	
Thailand.....	220	5	277	210	61	149	.....	67	8	59	.....	724	81	179	35	25	10	.....	144	45	99	.....	
Other.....	491	6	535	202	146	56	.....	333	209	124	.....	1,069	425	1,315	809	739	70	.....	506	53	453	.....	
International organizations and unallocated.....	.....	.....	1,383	0	0	.....	.....	1,383	1,383	.....	.....	.....	4,616	4,616	4,616	.....	.....	.....	.....	0	.....	.....
Addenda:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
European Union ¹	25,075	6,252	15,069	5,434	1,000	3,756	678	9,635	4,952	4,683	.....	20,280	13,167	21,728	14,472	12,623	1,662	187	7,256	466	6,790	.....	

1. See table 2, footnote 1.

Table 4.1. Royalties and License Fees, 2004—Continues

[Millions of dollars]

	Receipts											
	Total	Affiliated			Unaffiliated							
		Total	By U.S. parents from their foreign affiliates	By U.S. affiliates from their foreign parents	Total	Industrial processes	Books, records, and tapes	Broadcasting and recording of live events	Franchise fees	Trademarks	General use computer software	Other intangibles
All countries	54,490	40,848	37,174	3,657	13,642	5,657	655	201	602	1,714	4,750	62
Canada	4,030	3,212	3,138	75	818	187	59	6	43	151	369	1
Europe	27,482	22,932	20,542	2,390	4,550	1,618	468	80	234	556	1,580	13
Belgium-Luxembourg.....	787	(D)	623	(D)	(D)	37	9	(*)	(D)	21	25	6
France.....	2,443	2,066	1,884	183	377	153	70	(D)	(D)	40	90	(*)
Germany.....	3,522	2,197	2,028	169	1,325	482	77	(D)	(D)	84	647	1
Italy.....	1,295	1,000	980	19	296	70	46	9	16	42	113	(*)
Netherlands.....	1,617	1,474	1,447	28	142	30	26	1	5	14	67	0
Norway.....	181	(D)	117	(D)	(D)	7	4	(*)	(D)	4	13	(*)
Spain.....	677	554	526	28	123	7	19	8	16	22	50	(*)
Sweden.....	592	(D)	299	(D)	(D)	58	12	2	(D)	11	28	(*)
Switzerland.....	5,182	4,907	3,768	1,140	274	195	10	2	2	15	51	(*)
United Kingdom.....	4,773	3,822	3,349	473	951	292	133	25	79	72	351	(*)
Other.....	6,413	(D)	5,521	(D)	(D)	286	62	12	(D)	230	146	6
Latin America and Other Western Hemisphere	3,939	(D)	2,594	(D)	(D)	88	28	(D)	64	126	262	(*)
South and Central America.....	2,570	2,022	1,989	33	548	68	27	(D)	(D)	115	246	(*)
Argentina.....	156	127	127	0	29	2	2	6	(*)	7	11	0
Brazil.....	689	530	528	2	158	22	11	8	2	13	103	(*)
Chile.....	68	37	37	0	31	2	1	4	2	11	11	0
Mexico.....	1,258	1,071	1,043	28	186	24	8	(D)	(D)	44	81	(*)
Venezuela.....	133	98	95	3	35	13	1	6	2	6	7	0
Other.....	266	158	158	(*)	108	5	4	(D)	(D)	34	33	(*)
Other Western Hemisphere.....	1,369	(D)	605	(D)	(D)	20	1	(D)	(D)	11	15	(*)
Bermuda.....	884	875	(D)	(D)	9	4	0	(*)	(*)	1	4	0
Other.....	485	(D)	(D)	2	(D)	15	1	(D)	(D)	11	11	(*)
Africa	412	298	297	2	113	17	5	2	34	17	39	(*)
South Africa.....	240	167	166	1	72	12	5	1	8	12	34	0
Other.....	172	131	131	(*)	41	5	(*)	1	25	5	4	(*)
Middle East	316	135	124	11	182	53	3	(D)	53	21	32	(D)
Israel.....	104	49	48	1	56	20	2	2	5	7	16	4
Saudi Arabia.....	129	65	64	1	64	26	(*)	(D)	14	3	10	(D)
Other.....	83	21	11	10	62	7	1	(*)	34	11	6	3
Asia and Pacific	16,268	(D)	8,621	(D)	(D)	3,694	91	(D)	175	843	2,469	(D)
Australia.....	1,084	811	778	34	273	32	21	(D)	11	59	(D)	(*)
China.....	981	664	664	(*)	316	185	3	1	17	48	61	2
Hong Kong.....	530	382	378	4	148	17	3	5	16	83	23	(*)
India.....	170	93	93	(*)	78	35	(*)	(*)	4	7	31	(*)
Indonesia.....	81	38	38	0	43	17	2	(*)	14	8	2	(*)
Japan.....	7,828	(D)	3,446	(D)	(D)	1,969	48	32	31	498	1,543	(D)
Korea, Republic of.....	1,628	327	326	1	1,301	1,012	7	1	21	52	205	3
Malaysia.....	225	164	163	1	61	14	1	0	17	17	11	(*)
New Zealand.....	87	66	66	0	21	1	1	2	2	4	11	0
Philippines.....	142	95	95	0	47	21	1	(*)	8	13	3	0
Singapore.....	2,315	2,213	2,211	2	101	40	1	(*)	10	16	31	3
Taiwan.....	1,012	239	239	(*)	773	335	3	(*)	11	(D)	(D)	(D)
Thailand.....	153	112	112	0	41	10	(*)	2	7	(D)	5	(D)
Other.....	32	12	12	0	20	4	(*)	(*)	7	7	2	(*)
International organizations and unallocated	2,042	2,042	1,858	184	(*)	0	(*)	0	0	(*)	(*)	0
Addenda:												
European Union ¹	21,705	17,596	16,402	1,195	4,109	1,402	440	74	209	505	1,470	10

See the footnotes at the end of the table.

Table 4.1. Royalties and License Fees, 2004—Table Ends

[Millions of dollars]

	Payments											
	Total	Affiliated			Unaffiliated							
		Total	By U.S. parents to their foreign affiliates	By U.S. affiliates to their foreign parents	Total	Industrial processes	Books, records, and tapes	Broadcasting and recording of live events	Franchise fees	Trademarks	General use computer software	Other intangibles
All countries	23,274	17,881	2,620	15,261	5,393	2,881	263	969	2	520	700	58
Canada	800	542	126	416	258	175	43	(*)	(*)	10	24	4
Europe	12,485	9,299	1,284	8,015	3,186	1,910	191	(D)	1	278	635	(D)
Belgium-Luxembourg.....	323	(D)	(D)	180	(D)	28	1	0	0	1	(D)	(*)
France.....	2,060	1,098	217	881	962	(D)	30	4	0	23	(D)	(*)
Germany.....	2,159	1,871	37	1,834	288	233	9	6	0	23	17	2
Italy.....	143	52	28	24	91	(D)	5	(D)	0	29	1	(*)
Netherlands.....	1,464	(D)	(D)	683	(D)	156	2	(*)	(*)	(D)	8	1
Norway.....	122	(D)	1	(D)	(D)	6	(*)	1	0	(D)	(D)	1
Spain.....	61	47	21	26	15	7	4	1	0	2	1	1
Sweden.....	655	(D)	11	(D)	(D)	2	1	0	0	(D)	(D)	1
Switzerland.....	2,517	2,290	17	2,272	227	193	4	(D)	0	2	2	2
United Kingdom.....	2,196	1,516	187	1,328	680	245	128	53	(*)	167	78	9
Other.....	784	434	42	392	350	273	6	(D)	0	12	(D)	(D)
Latin America and Other Western Hemisphere	1,631	(D)	(D)	405	(D)	216	9	5	(*)	(D)	6	(D)
South and Central America.....	243	133	70	64	110	(D)	9	4	0	(D)	3	0
Argentina.....	9	7	7	(*)	2	1	(*)	(*)	0	0	(*)	0
Brazil.....	41	17	15	3	23	15	2	2	0	2	2	0
Chile.....	2	1	1	0	1	1	(*)	(*)	0	0	(*)	0
Mexico.....	180	105	44	61	75	(D)	5	2	0	(D)	(*)	0
Venezuela.....	2	1	1	0	1	(*)	1	0	0	0	(*)	0
Other.....	10	2	2	(*)	8	(*)	1	(*)	0	(*)	(*)	0
Other Western Hemisphere.....	1,388	(D)	(D)	341	(D)	(D)	(*)	(*)	(*)	3	3	0
Bermuda.....	1,108	1,106	(D)	(D)	2	2	0	0	0	0	0	0
Other.....	280	(D)	8	(D)	(D)	(D)	(*)	(*)	(*)	3	3	0
Africa	7	5	3	2	2	1	1	(*)	0	(*)	(*)	0
South Africa.....	4	3	2	1	1	1	(*)	(*)	0	0	0	0
Other.....	3	2	1	1	1	(*)	(*)	(*)	0	0	0	0
Middle East	90	44	43	1	47	36	1	(*)	0	(*)	8	1
Israel.....	89	44	43	1	45	36	1	(*)	0	0	8	0
Saudi Arabia.....	(*)	(*)	(*)	0	(*)	(*)	(*)	0	0	0	0	(*)
Other.....	1	0	0	0	1	(*)	(*)	0	0	0	(*)	1
Asia and Pacific	(D)	(D)	(D)	5,756	670	542	19	(D)	1	(D)	26	(D)
Australia.....	(D)	(D)	(D)	96	37	9	5	(D)	(*)	1	7	(D)
China.....	44	10	10	0	34	25	(*)	2	0	6	6	(*)
Hong Kong.....	38	(D)	25	(D)	(D)	(D)	(*)	0	0	1	1	1
India.....	14	3	3	0	10	(*)	(*)	3	0	7	7	0
Indonesia.....	1	1	1	0	(*)	(*)	(*)	0	0	(*)	(*)	0
Japan.....	6,197	5,651	26	5,625	546	483	9	(*)	0	50	2	2
Korea, Republic of.....	36	(D)	5	(D)	(D)	(D)	1	0	0	1	1	1
Malaysia.....	4	3	3	0	1	1	(*)	0	0	0	0	0
New Zealand.....	3	(*)	(*)	0	3	(*)	(*)	1	0	0	0	0
Philippines.....	6	5	5	0	(*)	(*)	0	0	0	0	0	0
Singapore.....	23	22	20	3	1	(*)	(*)	0	0	1	1	0
Taiwan.....	37	(D)	16	(D)	(D)	(D)	3	0	0	0	0	0
Thailand.....	4	1	1	0	2	(*)	3	0	1	0	0	0
Other.....	3	0	0	0	3	(*)	(*)	(D)	0	0	(*)	0
International organizations and unallocated	(D)	782	115	667	(D)	0	0	(D)	0	121	0	0
Addenda:												
European Union ¹	9,622	6,882	1,264	5,618	2,740	1,514	186	129	1	267	622	21

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. See table 2, footnote 1.

Table 4.2. Royalties and License Fees, 2005—Continues
[Millions of dollars]

	Receipts											
	Total	Affiliated			Unaffiliated							
		Total	By U.S. parents from their foreign affiliates	By U.S. affiliates from their foreign parents	Total	Industrial processes	Books, records, and tapes	Broadcasting and recording of live events	Franchise fees	Trademarks	General use computer software	Other intangibles
All countries.....	59,409	43,880	39,758	4,123	15,528	6,733	700	233	689	1,459	5,616	98
Canada.....	4,537	3,766	3,643	123	771	148	72	7	48	137	355	4
Europe.....	29,018	24,140	21,484	2,655	4,879	1,741	486	114	268	454	1,777	39
Belgium-Luxembourg.....	816	(D)	870	(D)	(D)	45	9	2	7	12	33	(D)
France.....	2,493	2,081	1,915	166	412	154	56	(D)	(D)	48	116	(*)
Germany.....	3,477	2,203	2,049	154	1,275	361	78	7	21	56	748	2
Italy.....	1,288	984	965	19	303	87	51	9	19	46	90	1
Netherlands.....	1,775	1,606	1,589	17	169	39	33	3	3	21	70	(*)
Norway.....	198	165	128	37	33	7	5	2	5	5	9	(*)
Spain.....	804	(D)	574	(D)	(D)	31	13	(D)	20	27	63	(D)
Sweden.....	850	(D)	415	(D)	(D)	83	15	3	(D)	29	23	(*)
Switzerland.....	5,372	4,916	4,160	756	456	386	10	8	1	10	42	(*)
United Kingdom.....	5,358	4,351	3,394	957	1,007	256	148	28	110	85	379	1
Other.....	6,586	(D)	5,626	(D)	(D)	291	69	(D)	63	115	203	6
Latin America and Other Western Hemisphere.....	4,249	(D)	2,833	(D)	(D)	104	26	(D)	71	155	337	(D)
South and Central America.....	2,914	(D)	2,196	(D)	(D)	79	26	(D)	49	145	328	(D)
Argentina.....	205	167	167	0	38	5	3	2	(*)	10	18	(*)
Brazil.....	768	559	559	(*)	209	24	13	2	3	21	136	9
Chile.....	91	41	41	0	50	5	1	5	3	13	23	0
Mexico.....	1,410	(D)	1,144	(D)	(D)	24	7	(D)	(D)	55	112	(D)
Venezuela.....	138	92	91	1	46	15	1	7	3	7	13	(*)
Other.....	302	195	195	(*)	107	6	2	(D)	(D)	40	25	0
Other Western Hemisphere.....	1,336	(D)	637	(D)	(D)	24	(*)	(D)	22	10	10	(*)
Bermuda.....	866	856	(D)	(D)	11	6	0	(*)	(*)	1	3	0
Other.....	469	(D)	(D)	3	(D)	18	(*)	(D)	21	9	6	(*)
Africa.....	494	350	342	8	144	40	6	(D)	17	(D)	49	0
South Africa.....	305	207	200	7	99	16	5	(D)	9	(D)	44	0
Other.....	188	143	142	1	45	24	1	1	8	7	5	0
Middle East.....	370	171	153	18	199	61	3	2	63	(D)	29	(D)
Israel.....	107	(D)	46	(D)	(D)	20	2	1	6	9	17	(D)
Saudi Arabia.....	142	79	79	(*)	63	28	(*)	(*)	17	4	6	7
Other.....	121	(D)	29	(D)	(D)	13	1	(*)	40	(D)	5	(D)
Asia and Pacific.....	18,547	(D)	9,316	(D)	(D)	4,640	108	46	223	667	3,069	(D)
Australia.....	1,214	950	877	73	264	23	24	6	18	47	146	(*)
China.....	1,184	873	873	(*)	311	182	5	1	21	32	69	3
Hong Kong.....	522	(D)	393	(D)	(D)	10	3	(D)	21	39	(D)	(*)
India.....	203	118	118	0	85	18	1	(*)	4	8	54	(*)
Indonesia.....	82	42	42	0	40	13	1	(D)	16	9	1	0
Japan.....	8,777	3,954	3,621	334	4,823	2,515	58	(D)	41	383	1,796	(D)
Korea, Republic of.....	2,104	418	402	16	1,686	1,297	6	1	25	57	297	3
Malaysia.....	221	155	154	1	66	15	1	1	21	17	11	0
New Zealand.....	118	94	94	0	24	2	2	3	2	5	10	(*)
Philippines.....	130	80	80	0	49	14	1	(*)	17	14	3	(*)
Singapore.....	2,456	2,280	2,278	2	176	114	1	5	11	17	(D)	(D)
Taiwan.....	1,332	(D)	266	(D)	(D)	407	2	(*)	14	15	(D)	7
Thailand.....	164	104	103	(*)	60	24	1	2	6	17	9	1
Other.....	40	15	15	0	25	5	1	(*)	7	8	3	(*)
International organizations and unallocated.....	2,193	2,193	1,987	206	0	0	0	0	0	0	0	0
Addenda:												
European Union ¹	22,874	18,659	16,828	1,831	4,215	1,333	459	99	249	400	1,638	36

See the footnotes at the end of the table.

Table 4.2. Royalties and License Fees, 2005—Table Ends

[Millions of dollars]

	Payments											
	Total	Affiliated			Unaffiliated							
		Total	By U.S. parents to their foreign affiliates	By U.S. affiliates to their foreign parents	Total	Industrial processes	Books, records, and tapes	Broadcasting and recording of live events	Franchise fees	Trademarks	General use computer software	Other intangibles
All countries	24,632	20,373	3,055	17,318	4,260	2,834	243	183	(*)	276	661	64
Canada	797	657	134	524	140	63	33	4	(*)	8	26	6
Europe	13,803	10,510	1,573	8,937	3,294	2,236	184	147	(*)	140	576	10
Belgium-Luxembourg	244	(D)	(D)	118	(D)	31	1	(*)	0	(*)	(D)	(*)
France.....	2,279	1,187	210	977	1,091	577	10	(D)	0	(D)	(D)	2
Germany.....	2,484	2,204	83	2,120	280	220	9	0	0	18	21	(*)
Italy.....	99	65	39	25	35	4	5	7	0	18	1	(*)
Netherlands.....	1,796	(D)	(D)	1,010	(D)	117	3	4	(*)	4	(D)	(*)
Norway.....	166	(D)	2	(D)	(D)	8	(*)	(*)	(*)	(*)	(D)	(*)
Spain.....	75	64	31	33	11	(*)	5	3	0	0	2	(*)
Sweden.....	(D)	492	60	432	(D)	(D)	2	(*)	0	0	3	3
Switzerland.....	2,976	2,730	17	2,713	246	215	5	9	(*)	(D)	(D)	(*)
United Kingdom.....	1,709	973	219	754	428	137	63	0	0	47	56	4
Other.....	(D)	770	(D)	(D)	(D)	(D)	6	(D)	0	17	(D)	(*)
Latin America and Other Western Hemisphere	1,461	(D)	(D)	395	(D)	22	8	(D)	0	2	3	(D)
South and Central America.....	178	126	58	68	51	15	8	(D)	0	2	3	(D)
Argentina.....	12	11	(*)	(*)	1	1	1	(*)	0	0	(*)	0
Brazil.....	15	3	3	(*)	12	8	1	1	0	0	2	0
Chile.....	5	4	0	0	1	(*)	(*)	0	0	1	0	0
Mexico.....	139	106	38	68	33	7	4	(D)	0	0	(D)	0
Venezuela.....	3	1	1	0	2	(*)	(*)	0	0	0	0	1
Other.....	4	2	2	0	2	(*)	(*)	0	0	0	0	0
Other Western Hemisphere.....	1,284	(D)	(D)	327	(D)	6	(*)	0	0	0	0	(D)
Bermuda.....	1,236	(D)	(D)	292	(D)	0	0	0	0	0	0	(D)
Other.....	47	40	5	35	8	6	(*)	1	0	0	0	(*)
Africa	13	9	7	2	4	(*)	(*)	1	0	(*)	3	(*)
South Africa.....	7	6	5	1	1	(*)	(*)	1	0	0	0	(*)
Other.....	6	3	2	1	3	(*)	(*)	(*)	0	0	3	0
Middle East	133	(D)	(D)	(*)	(D)	67	1	(D)	0	1	17	(D)
Israel.....	113	(D)	(D)	(*)	(D)	62	1	(D)	0	1	7	(D)
Saudi Arabia.....	6	(*)	(*)	0	6	6	(*)	(*)	0	0	(*)	0
Other.....	14	0	0	0	14	(*)	(*)	1	0	0	9	4
Asia and Pacific	7,451	6,867	164	6,703	584	444	17	(D)	(*)	42	37	(D)
Australia.....	223	179	23	155	45	5	6	15	(*)	2	(D)	(D)
China.....	59	22	22	0	36	18	(*)	(D)	0	0	(D)	0
Hong Kong.....	42	(D)	26	(D)	(D)	1	(*)	(*)	0	3	4	(D)
India.....	16	8	6	1	8	2	(*)	2	0	0	1	0
Indonesia.....	2	1	0	0	(*)	(*)	(*)	0	0	0	0	0
Japan.....	7,004	6,546	32	6,515	458	400	9	(D)	0	34	3	(D)
Korea, Republic of.....	25	15	5	10	11	7	1	2	0	0	0	(*)
Malaysia.....	3	3	0	0	(*)	(*)	(*)	0	0	0	0	0
New Zealand.....	1	(*)	(*)	0	1	(*)	(*)	(*)	0	0	0	0
Philippines.....	12	11	10	2	(*)	(*)	(*)	0	0	0	0	0
Singapore.....	25	20	17	2	5	2	(*)	3	0	0	1	0
Taiwan.....	36	(D)	17	(D)	(D)	8	(*)	0	0	0	0	(*)
Thailand.....	2	1	1	0	1	(*)	(*)	0	0	0	0	0
Other.....	2	0	0	0	2	(*)	(*)	(*)	0	1	0	0
International organizations and unallocated	972	890	133	757	82	0	0	0	0	82	0	0
Addenda:												
European Union ¹	10,465	7,616	1,554	6,062	2,848	1,854	178	118	(*)	122	566	10

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. See table 2, footnote 1.

Table 4.3. Royalties and License Fees, 2006—Continues
[Millions of dollars]

	Receipts											
	Total	Affiliated				Unaffiliated						
		Total	By U.S. parents from their foreign affiliates	By U.S. affiliates from their foreign parents	Total	Industrial processes	Books, records, and tapes	Broadcasting and recording of live events	Franchise fees	Trademarks	General use computer software	Other intangibles
All countries	62,378	44,477	39,340	5,137	17,901	7,510	761	283	773	1,678	6,810	88
Canada	5,078	4,159	4,040	119	919	175	87	15	53	144	429	16
Europe	31,975	26,424	22,056	4,368	5,551	2,300	518	147	279	587	1,707	14
Belgium-Luxembourg.....	1,380	(D)	759	(D)	(D)	37	11	2	(D)	11	42	(*)
France.....	2,719	2,224	1,981	243	495	110	62	(D)	(D)	118	143	(*)
Germany.....	3,585	2,436	2,133	303	1,149	331	81	6	19	62	645	4
Italy.....	1,379	1,079	1,050	29	299	89	52	(D)	(D)	44	84	1
Netherlands.....	1,964	1,740	1,710	30	224	90	30	5	4	30	66	(*)
Norway.....	303	(D)	139	(D)	(D)	8	4	1	(D)	5	16	(*)
Spain.....	1,015	(D)	621	(D)	(D)	36	25	9	(D)	35	56	3
Sweden.....	913	(D)	402	(D)	(D)	225	11	1	(D)	14	33	(*)
Switzerland.....	6,171	5,461	4,256	1,205	709	641	9	5	2	13	41	(*)
United Kingdom.....	5,553	4,496	3,311	1,185	1,057	237	173	36	99	105	405	2
Other.....	7,014	6,018	5,693	326	995	496	60	(D)	(D)	151	177	5
Latin America and Other Western Hemisphere	4,242	3,306	3,196	110	936	147	(D)	(D)	87	213	396	4
South and Central America	3,413	(D)	2,508	(D)	(D)	122	(D)	(D)	61	199	384	4
Argentina.....	224	185	184	1	39	6	3	(*)	(*)	12	14	(*)
Brazil.....	921	644	644	0	277	44	16	2	4	42	169	(*)
Chile.....	110	56	56	0	54	5	1	5	4	15	24	(*)
Mexico.....	1,567	(D)	1,235	(D)	(D)	36	7	(D)	(D)	20	69	3
Venezuela.....	185	127	127	0	59	(D)	(*)	(D)	(D)	4	13	(*)
Other.....	406	(D)	262	(D)	(D)	(D)	(D)	(D)	(D)	29	48	31
Other Western Hemisphere	829	(D)	689	(D)	(D)	25	1	(D)	(D)	26	14	(*)
Bermuda.....	304	285	(D)	(D)	19	13	(*)	(*)	(*)	(*)	5	(*)
Other.....	525	(D)	(D)	(*)	(D)	12	(*)	(D)	25	14	6	(*)
Africa	537	395	391	4	142	36	6	9	19	23	49	(*)
South Africa.....	353	(D)	247	(D)	(D)	24	6	8	(D)	14	43	(*)
Other.....	184	(D)	145	(D)	(D)	12	(*)	(*)	(D)	10	6	(*)
Middle East	427	172	166	6	255	86	3	5	78	34	35	14
Israel.....	118	47	47	0	71	29	2	2	6	8	21	4
Saudi Arabia.....	162	83	83	(*)	78	40	(*)	0	21	5	6	6
Other.....	147	42	36	6	105	17	1	4	51	21	8	4
Asia and Pacific	20,118	10,021	9,491	530	10,096	4,767	(D)	(D)	257	676	4,194	39
Australia.....	1,265	937	885	52	327	34	21	8	19	67	177	(*)
China.....	1,443	978	976	2	465	280	3	1	26	31	122	1
Hong Kong.....	632	(D)	432	(D)	(D)	24	4	4	(D)	38	45	(*)
India.....	300	153	151	2	148	53	1	(*)	5	12	76	(*)
Indonesia.....	86	38	38	0	48	13	1	(*)	21	11	2	(*)
Japan.....	9,103	3,857	3,505	352	5,246	2,679	67	24	43	327	2,087	19
Korea, Republic of.....	2,105	(D)	439	(D)	(D)	1,175	(D)	1	(D)	65	333	8
Malaysia.....	221	142	138	4	79	16	1	1	25	22	15	(*)
New Zealand.....	136	102	102	0	35	5	1	3	3	6	17	(*)
Philippines.....	133	82	82	0	51	7	1	(*)	19	18	5	(*)
Singapore.....	2,971	2,337	2,333	4	634	(D)	2	(D)	12	25	(D)	3
Taiwan.....	1,428	263	261	1	1,165	(D)	3	(*)	16	18	(D)	7
Thailand.....	238	133	133	(*)	105	63	1	2	7	22	11	(*)
Other.....	57	17	17	0	40	9	1	(*)	11	14	5	(*)
International organizations and unallocated	(*)	0	0	0	(*)	0	0	0	0	(*)	(*)	0
Addenda:												
European Union ¹	24,815	20,190	17,198	2,992	4,625	1,622	495	134	248	525	1,591	10

See the footnotes at the end of the table.

Table 4.3. Royalties and License Fees, 2006—Table Ends

[Millions of dollars]

	Payments											
	Total	Affiliated			Unaffiliated							
		Total	By U.S. parents to their foreign affiliates	By U.S. affiliates to their foreign parents	Total	Industrial processes	Books, records, and tapes	Broadcasting and recording of live events	Franchise fees	Trademarks	General use computer software	Other intangibles
All countries	26,432	20,963	2,260	18,703	5,469	3,017	266	1,019	3	392	669	104
Canada	860	622	144	478	239	88	44	1	(*)	32	42	33
Europe	16,301	12,518	1,706	10,811	3,783	2,361	187	(D)	(*)	199	566	(D)
Belgium-Luxembourg.....	402	(D)	(D)	172	(D)	72	1	0	0	(D)	(D)	3
France.....	2,819	1,753	223	1,529	1,066	555	8	(D)	0	(D)	(D)	(D)
Germany.....	2,547	2,312	121	2,191	235	179	9	2	0	20	26	1
Italy.....	95	62	26	37	32	6	5	(*)	0	20	1	(*)
Netherlands.....	2,205	(D)	(D)	1,530	(D)	17	2	(*)	(*)	5	(D)	1
Norway.....	143	(D)	3	(D)	(D)	9	(*)	0	0	1	(D)	(*)
Spain.....	90	77	(D)	(D)	12	1	7	4	0	(*)	1	(*)
Sweden.....	1,461	853	71	782	608	600	4	(*)	0	1	2	1
Switzerland.....	3,998	3,392	42	3,349	606	231	5	349	0	19	3	(*)
United Kingdom.....	1,777	913	245	668	863	542	142	67	(*)	72	36	4
Other.....	765	531	164	367	233	150	6	14	(*)	(D)	(D)	(*)
Latin America and Other Western Hemisphere	605	489	159	331	116	16	10	2	(*)	(D)	(D)	(D)
South and Central America.....	404	301	82	219	103	7	9	2	(*)	(D)	(D)	(D)
Argentina.....	10	7	7	(*)	3	2	1	0	0	(D)	(D)	(D)
Brazil.....	11	6	6	(*)	5	1	1	(*)	0	(D)	(D)	3
Chile.....	8	7	7	0	1	(*)	(*)	0	0	(D)	(D)	(D)
Mexico.....	215	(D)	55	(D)	(D)	4	6	1	0	(D)	(D)	(D)
Venezuela.....	2	1	1	0	1	(*)	(*)	0	0	(D)	(D)	(D)
Other.....	159	(D)	6	(D)	(D)	1	1	(*)	0	(D)	(D)	1
Other Western Hemisphere.....	202	188	77	112	13	9	2	1	(*)	(D)	(D)	2
Bermuda.....	142	142	(D)	(D)	(*)	0	0	0	0	(D)	(D)	0
Other.....	60	47	(D)	(D)	13	9	2	1	0	(D)	(D)	2
Africa	27	18	11	7	9	1	(*)	(*)	(*)	7	(D)	(D)
South Africa.....	19	(D)	9	(D)	(D)	1	(*)	(*)	0	(D)	(D)	(D)
Other.....	8	(D)	2	(D)	(D)	(*)	(*)	(*)	0	(D)	(D)	(D)
Middle East	183	42	41	1	141	110	2	(*)	0	(D)	(D)	(*)
Israel.....	161	42	41	1	119	110	1	2	0	(D)	(D)	7
Saudi Arabia.....	(*)	(*)	(*)	0	(*)	(*)	(*)	0	0	(D)	(D)	0
Other.....	21	0	0	0	21	(*)	(*)	0	0	(D)	(D)	(D)
Asia and Pacific	7,835	7,275	200	7,075	560	440	23	8	2	27	47	12
Australia.....	299	241	22	219	58	22	8	7	(*)	3	13	4
China.....	53	20	20	0	33	(D)	(*)	0	0	1	(D)	(*)
Hong Kong.....	48	(D)	31	(D)	(D)	(*)	(*)	(*)	0	2	(D)	(*)
India.....	31	15	12	3	16	3	3	0	1	1	7	0
Indonesia.....	6	4	4	0	1	(*)	(*)	0	0	1	(*)	6
Japan.....	7,247	6,841	37	6,803	406	379	10	(*)	0	13	2	3
Korea, Republic of.....	43	(D)	6	(D)	(D)	(D)	1	0	0	0	1	4
Malaysia.....	6	4	4	0	2	1	(*)	0	0	0	1	0
New Zealand.....	2	1	1	0	2	1	(*)	0	0	0	0	0
Philippines.....	22	21	17	4	1	(*)	0	0	0	0	0	0
Singapore.....	24	22	21	1	1	(*)	0	0	0	1	1	0
Taiwan.....	43	27	20	7	16	15	(*)	0	0	1	1	0
Thailand.....	5	3	3	0	2	1	(*)	0	0	0	0	0
Other.....	5	0	0	0	5	(*)	(*)	1	(*)	2	2	(*)
International organizations and unallocated	621	0	0	0	621	0	0	(D)	0	(D)	0	0
Addenda:												
European Union ¹	12,078	8,973	1,659	7,314	3,105	2,092	181	99	(*)	172	547	13

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. See table 2, footnote 1.

Table 5.1. Other Private Services, 2004
[Millions of dollars]

	Receipts							Payments						
	Total	Education ¹	Financial services	Insurance	Telecommunications	Business, professional, and technical services	Other services	Total	Education ¹	Financial services	Insurance	Telecommunications	Business, professional, and technical services	Other services
Total	148,149	13,634	32,666	7,314	4,651	71,789	18,095	91,267	3,543	11,686	29,090	4,602	41,293	1,059
Affiliated.....	44,943	4,900	4,900	(²)	(²)	37,243	2,800	33,861	6,200	6,200	(²)	(²)	27,653	9
Unaffiliated.....	103,206	13,634	27,766	7,314	4,651	34,546	15,295	57,406	3,543	5,486	29,090	4,602	13,640	1,050
Unaffiliated by Country:														
Canada	7,765	694	1,381	1,226	812	2,931	721	4,748	78	251	664	358	3,139	258
Europe	39,248	2,109	12,160	3,470	1,622	14,387	5,501	24,560	2,166	3,255	11,836	1,168	5,783	352
Belgium-Luxembourg.....	1,561	21	1,013	57	44	340	86	379	22	85	89	33	143	7
France.....	3,732	164	1,104	352	108	1,450	556	1,494	224	279	482	94	364	52
Germany.....	4,476	222	963	850	210	1,569	662	4,270	91	275	3,002	173	690	39
Italy.....	(D)	80	628	37	120	723	(D)	869	325	126	53	140	217	8
Netherlands.....	1,848	36	688	44	188	775	116	579	30	135	41	75	290	8
Norway.....	483	34	205	35	24	130	54	151	5	27	11	34	74	1
Spain.....	1,487	93	434	43	56	403	459	639	312	99	22	33	168	5
Sweden.....	854	79	214	18	31	363	149	410	16	57	84	13	239	1
Switzerland.....	1,577	29	564	68	119	754	42	3,512	24	183	3,029	39	224	12
United Kingdom.....	14,138	215	4,823	1,640	490	4,851	2,120	8,706	855	1,495	3,344	231	2,579	201
Other.....	(D)	1,135	1,524	325	232	3,031	(D)	3,553	263	494	1,681	304	793	18
Latin America and Other Western Hemisphere	23,022	1,654	9,473	1,495	872	4,270	5,257	20,449	732	671	16,334	1,476	1,180	55
South and Central America.....	12,829	1,289	1,574	507	681	3,624	5,154	3,265	620	347	77	1,196	989	37
Argentina.....	1,029	84	236	27	26	192	464	131	19	17	16	56	2	2
Brazil.....	1,540	181	339	55	108	697	160	394	23	64	15	83	199	11
Chile.....	414	38	90	57	36	161	32	122	50	13	2	33	22	2
Mexico.....	6,775	296	398	167	266	1,596	4,052	1,316	251	134	19	505	388	18
Venezuela.....	729	130	122	25	31	299	122	53	1	4	3	13	28	4
Other.....	2,342	560	389	176	215	679	324	1,249	274	113	20	545	296	1
Other Western Hemisphere.....	10,194	365	7,899	988	191	647	103	17,183	112	324	16,257	281	190	19
Bermuda.....	2,552	14	1,787	625	10	116	0	11,956	2	110	11,805	17	19	3
Other.....	7,640	351	6,112	364	181	530	103	5,225	109	214	4,450	264	171	16
Africa	(D)	896	265	41	167	1,569	(D)	(D)	86	184	24	207	530	(D)
South Africa.....	556	49	70	17	61	239	120	175	29	26	16	17	85	2
Other.....	(D)	846	195	24	106	1,330	(D)	(D)	58	158	8	190	445	(D)
Middle East	(D)	435	802	65	199	2,293	(D)	(D)	18	108	12	199	731	(D)
Israel.....	(D)	80	167	48	67	279	(D)	(D)	15	16	2	31	193	(D)
Saudi Arabia.....	(D)	81	141	2	40	567	(D)	(D)	0	24	1	49	38	(D)
Other.....	2,374	274	494	16	92	1,447	51	(D)	3	68	9	119	500	(D)
Asia and Pacific	24,010	7,846	3,674	933	980	9,046	1,531	5,479	462	1,017	206	1,188	2,260	347
Australia.....	2,024	69	593	215	83	753	311	835	205	95	40	47	241	207
China.....	3,095	1,291	286	37	88	1,237	156	326	74	20	1	57	165	9
Hong Kong.....	979	153	269	50	73	392	43	475	7	219	2	65	154	28
India.....	(D)	1,671	94	7	86	514	(D)	783	20	42	3	204	511	2
Indonesia.....	543	184	71	9	10	226	43	116	0	16	3	27	65	5
Japan.....	5,964	961	1,107	415	160	2,787	535	1,125	59	297	118	98	499	53
Korea, Republic of.....	2,563	1,098	313	73	126	854	98	324	12	92	10	89	115	6
Malaysia.....	421	134	65	9	30	167	15	58	0	15	2	16	23	2
New Zealand.....	364	25	60	16	21	161	15	135	35	14	1	18	65	2
Philippines.....	(D)	72	55	5	91	149	(D)	(D)	1	23	8	229	50	(D)
Singapore.....	(D)	82	327	37	48	447	(D)	224	4	85	5	26	93	10
Taiwan.....	1,424	545	293	52	59	436	40	263	3	54	8	91	99	7
Thailand.....	474	185	61	4	16	172	36	88	6	23	1	24	28	6
Other.....	2,330	1,378	80	3	89	752	27	(D)	36	22	1	196	152	(D)
International organizations and unallocated	2,044	0	11	85	0	50	1,898	34	0	0	13	3	18	0
Addenda:														
European Union ⁴	33,766	1,289	10,921	3,292	1,380	11,885	4,999	20,180	2,099	2,838	8,790	929	5,194	330

^{*} Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. See table 1, footnote 11.

2. Most insurance services transactions are deemed to be unaffiliated even when they are between affiliated companies, because the services are deemed to be provided to the policyholders who pay the insurance premiums and who are unaffiliated with either company. Only primary insurance services between a U.S. company that is not an insurance company and an affiliated foreign insurance company, such as a captive foreign insurance affiliate, are considered to be affiliated. Data on affiliated trade in insurance services are included in affiliated "other business, professional, and technical services."

3. Transactions in basic telecommunications services are deemed to be unaffiliated, even when the services flow through affiliated channels, because they represent the distribution of revenues collected from unaffiliated customers. Other types of telecommunications services, such as value-added services, may flow through either affiliated or unaffiliated channels. For the latter, unaffiliated telecommunications transactions are included under "telecommunications"; data on affiliated transactions are not separately available and are included in affiliated "other business, professional, and technical services."

4. See table 2, footnote 1.

Table 5.2. Other Private Services, 2005

[Millions of dollars]

	Receipts							Payments						
	Total	Education ¹	Financial services	Insurance	Tele-communications	Business, professional, and technical services	Other services	Total	Education ¹	Financial services	Insurance	Tele-communications	Business, professional, and technical services	Other services
Total	164,301	14,076	35,939	7,787	5,231	83,990	17,279	99,927	3,962	12,620	28,540	4,527	48,765	1,514
Affiliated	50,108		4,900	(²)	(²)	42,116	3,092	39,847		5,900	(²)	(²)	33,941	6
Unaffiliated	114,193	14,076	31,039	7,787	5,231	41,874	14,187	60,080	3,962	6,720	28,540	4,527	14,824	1,508
Unaffiliated by Country:														
Canada	8,872	747	1,671	1,685	696	3,363	710	(D)	90	359	652	366	3,386	(D)
Europe	42,917	2,147	13,750	3,047	1,722	17,106	5,145	28,713	2,416	4,145	14,618	1,133	6,148	253
Belgium-Luxembourg	1,733	20	1,162	51	64	354	81	457	23	98	102	37	186	11
France	3,701	169	1,117	310	110	1,625	370	1,712	239	538	395	109	399	31
Germany	4,519	223	1,114	521	170	1,733	760	4,019	104	326	2,607	148	802	31
Italy	2,385	84	672	28	117	1,057	427	968	411	144	41	112	248	13
Netherlands	2,229	38	880	42	209	958	103	704	27	231	11	89	337	9
Norway	577	34	234	43	26	180	60	155	6	28	27	33	60	1
Spain	1,712	108	491	53	63	657	339	709	337	119	21	37	189	7
Sweden	(D)	96	253	18	43	399	(D)	432	15	87	147	19	163	2
Switzerland	1,997	25	707	104	159	963	39	5,524	27	216	4,928	61	279	12
United Kingdom	14,828	219	5,295	1,350	500	5,428	2,037	9,049	918	1,827	3,186	231	2,775	111
Other	(D)	1,132	1,825	529	261	3,752	(D)	4,983	308	531	3,152	258	709	25
Latin America and Other Western Hemisphere	24,608	1,685	9,988	1,270	1,325	5,558	4,783	17,471	783	759	12,988	1,573	1,233	135
South and Central America	14,273	1,346	1,933	446	1,132	4,728	4,688	3,611	684	405	53	1,299	1,053	117
Argentina	714	82	205	34	119	228	46	(D)	34	11	11	27	58	(D)
Brazil	2,058	178	432	55	272	931	191	507	32	82	14	111	222	47
Chile	482	82	100	46	18	202	34	138	62	11	2	18	43	2
Mexico	7,535	327	555	151	299	2,176	4,027	1,436	263	171	6	566	418	12
Venezuela	850	128	127	21	129	358	87	92	4	5	3	25	32	23
Other	2,634	549	514	141	294	832	304	(D)	290	125	16	553	280	(D)
Other Western Hemisphere	10,336	339	8,055	824	193	831	94	13,859	99	354	12,935	274	179	18
Bermuda	2,584	12	1,914	506	7	144	0	10,400	3	132	10,227	12	23	3
Other	7,753	327	6,141	318	186	687	94	3,460	96	222	2,708	262	157	15
Africa	4,182	949	370	37	227	2,384	216	(D)	107	221	30	198	567	(D)
South Africa	619	45	119	19	78	260	98	190	36	36	17	21	79	2
Other	3,563	904	251	18	148	2,124	118	(D)	71	185	13	178	488	(D)
Middle East	(D)	429	795	46	202	2,998	(D)	1,197	38	154	8	170	791	37
Israel	(D)	82	163	33	59	340	(D)	236	31	20	2	34	142	7
Saudi Arabia	(D)	75	154	2	51	726	(D)	143	0	56	2	41	22	22
Other	(D)	272	478	12	92	1,932	(D)	819	7	78	5	95	627	8
Asia and Pacific	(D)	8,121	4,448	1,592	1,059	10,406	(D)	6,350	530	1,082	240	1,087	2,675	737
Australia	2,336	71	753	231	107	889	285	1,272	204	131	42	66	267	563
China	3,898	1,542	325	38	101	1,708	184	395	108	24	1	61	187	14
Hong Kong	1,430	180	445	265	70	425	44	342	11	81	6	70	148	26
India	(D)	1,995	120	7	90	510	(D)	908	24	50	7	185	640	2
Indonesia	550	165	69	11	13	255	37	133	0	19	2	23	84	5
Japan	6,917	1,002	1,368	812	156	3,147	431	1,293	67	368	133	112	546	67
Korea, Republic of	2,909	1,342	339	69	141	932	86	375	15	144	14	74	121	7
Malaysia	(D)	131	69	13	25	247	(D)	75	1	21	9	15	27	2
New Zealand	381	23	64	23	13	191	67	133	23	7	0	16	75	12
Philippines	461	75	60	7	134	156	28	(D)	1	38	1	213	48	(D)
Singapore	1,067	94	350	42	51	495	36	329	7	74	6	23	207	12
Taiwan	1,590	648	308	55	51	497	30	273	4	71	10	95	86	7
Thailand	(D)	184	70	12	18	252	(D)	109	10	25	4	21	42	7
Other	1,601	668	108	6	89	701	29	(D)	57	29	3	112	197	(D)
International organizations and unallocated	1,988	0	17	110	(*)	58	1,803	28	0	0	5	0	23	0
Addenda:														
European Union ⁴	36,598	1,309	12,276	2,734	1,427	14,175	4,682	22,288	2,334	3,669	9,623	909	5,529	229

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. See table 1, footnote 11.

2. Most insurance services transactions are deemed to be unaffiliated even when they are between affiliated companies, because the services are deemed to be provided to the policyholders who pay the insurance premiums and who are unaffiliated with either company. Only primary insurance services between a U.S. company that is not an insurance company and an affiliated foreign insurance company, such as a captive foreign insurance affiliate, are considered to be affiliated. Data on affiliated trade in insurance services are included in affiliated "other business, professional, and technical services."

3. Transactions in basic telecommunications services are deemed to be unaffiliated, even when the services flow through affiliated channels, because they represent the distribution of revenues collected from unaffiliated customers. Other types of telecommunications services, such as value-added services, may flow through either affiliated or unaffiliated channels. For the latter, unaffiliated telecommunications transactions are included under "telecommunications"; data on affiliated transactions are not separately available and are included in affiliated "other business, professional, and technical services."

4. See table 2, footnote 1.

Table 5.3. Other Private Services, 2006
[Millions of dollars]

	Receipts							Payments						
	Total	Education ¹	Financial services	Insurance	Telecommunications	Business, professional, and technical services	Other services	Total	Education ¹	Financial services	Insurance	Telecommunications	Business, professional, and technical services	Other services
Total	187,771	14,570	42,814	9,276	6,256	96,220	18,632	116,524	4,403	14,297	33,582	4,556	58,231	1,456
Affiliated.....	57,638		5,700	9,276 ⁽²⁾	6,256 ⁽²⁾	48,820	3,117	48,201		5,800	33,582 ⁽²⁾	4,556 ⁽²⁾	42,386	15
Unaffiliated.....	130,133	14,570	37,114			47,400	15,515	68,323	4,403	8,497			15,845	1,441
Unaffiliated by Country:														
Canada	11,027	772	2,257	1,918	651	4,430	1,000	5,192	100	435	645	372	3,304	336
Europe	48,751	2,211	16,419	3,659	1,925	19,156	5,381	33,449	2,649	5,391	17,177	1,107	6,841	285
Belgium-Luxembourg.....	2,010	21	1,222	84	84	470	129	541	23	139	107	38	223	11
France.....	4,177	176	1,352	254	122	1,828	445	2,056	268	836	413	105	404	30
Germany.....	4,997	234	1,434	539	148	1,851	791	4,737	116	406	3,013	140	1,026	36
Italy.....	2,637	86	703	29	110	1,208	501	1,009	477	147	41	96	241	8
Netherlands.....	2,561	41	1,137	36	195	994	157	892	27	363	15	91	382	14
Norway.....	687	34	252	26	27	244	103	147	6	35	19	28	57	1
Spain.....	2,329	117	692	50	67	965	438	701	371	129	19	41	134	7
Sweden.....	(D)	109	310	17	50	511	(D)	418	17	105	166	20	108	1
Switzerland.....	2,397	34	751	367	171	1,006	69	6,191	31	227	5,594	43	283	13
United Kingdom.....	15,867	227	6,143	1,224	683	6,123	1,467	9,825	977	2,349	3,134	232	2,996	138
Other.....	(D)	1,132	2,423	1,034	267	3,956	(D)	6,932	335	655	4,656	272	987	27
Latin America and Other Western Hemisphere	27,607	1,691	11,330	1,741	2,056	5,823	4,966	20,215	854	775	15,437	1,638	1,249	262
South and Central America.....	15,978	1,339	2,420	591	1,810	4,963	4,854	3,912	750	457	103	1,306	1,047	249
Argentina.....	865	79	221	42	185	294	45	(D)	47	21	21	30	60	(D)
Brazil.....	2,695	181	627	61	740	808	278	(D)	39	97	56	109	267	(D)
Chile.....	556	41	234	54	31	161	35	129	68	13	2	26	15	5
Mexico.....	8,021	354	669	232	332	2,383	4,052	1,470	278	190	8	573	368	53
Venezuela.....	998	125	145	23	211	385	108	107	4	7	3	28	33	32
Other.....	2,841	561	524	179	310	932	336	1,310	314	129	12	540	304	11
Other Western Hemisphere.....	11,629	352	8,910	1,150	246	860	112	16,303	105	318	15,334	331	202	13
Bermuda.....	3,254	12	2,218	851	12	160	0	12,855	3	123	12,685	17	24	3
Other.....	8,375	339	6,692	298	234	700	111	3,447	102	195	2,648	314	178	10
Africa	(D)	993	433	37	234	2,500	(D)	(D)	116	259	18	237	601	(D)
South Africa.....	(D)	47	127	15	80	295	(D)	224	43	54	14	25	86	2
Other.....	(D)	946	306	22	154	2,205	(D)	(D)	74	205	4	212	515	(D)
Middle East	(D)	452	1,027	55	245	3,351	(D)	1,148	66	216	11	173	644	37
Israel.....	859	87	200	36	66	408	62	193	54	27	1	41	62	8
Saudi Arabia.....	(D)	87	201	4	71	596	(D)	163	0	83	0	35	17	23
Other.....	(D)	277	626	15	107	2,347	(D)	791	12	102	9	97	565	6
Asia and Pacific	(D)	8,451	5,639	1,677	1,145	12,029	(D)	7,035	618	1,421	286	1,029	3,181	501
Australia.....	3,422	77	1,020	158	122	1,671	374	1,097	215	199	17	61	279	326
China.....	4,141	1,594	516	44	103	1,710	174	566	163	36	1	76	272	17
Hong Kong.....	1,647	198	625	135	70	571	49	414	16	120	7	72	172	28
India.....	3,074	1,995	187	12	107	695	78	1,079	12	74	7	143	839	3
Indonesia.....	571	168	82	11	12	254	43	109	0	26	0	13	64	5
Japan.....	7,114	979	1,588	999	139	2,969	440	1,327	78	421	174	107	488	60
Korea, Republic of.....	3,434	1,485	410	135	144	1,139	121	450	19	206	10	68	139	7
Malaysia.....	(D)	122	108	16	36	240	(D)	96	1	18	10	20	44	3
New Zealand.....	423	21	57	19	14	214	98	120	28	9	0	13	61	9
Philippines.....	612	83	60	9	193	231	35	(D)	1	52	0	274	82	(D)
Singapore.....	1,311	100	393	44	46	683	46	472	8	84	17	20	330	13
Taiwan.....	1,921	705	338	76	53	702	47	289	4	96	39	30	112	7
Thailand.....	(D)	195	90	13	18	269	(D)	124	12	48	2	11	43	8
Other.....	1,711	729	165	5	88	681	42	(D)	61	32	0	119	256	(D)
International organizations and unallocated	2,434	0	9	189	0	112	2,124	38	0	0	8	0	25	5
Addenda:														
European Union ⁴	41,221	1,399	14,705	2,796	1,610	15,966	4,746	26,274	2,561	4,859	11,560	905	6,127	262

¹ Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. See table 1, footnote 11.

2. Most insurance services transactions are deemed to be unaffiliated even when they are between affiliated companies, because the services are deemed to be provided to the policyholders who pay the insurance premiums and who are unaffiliated with either company. Only primary insurance services between a U.S. company that is not an insurance company and an affiliated foreign insurance company, such as a captive foreign insurance affiliate, are considered to be affiliated. Data on affiliated trade in insurance services are included in affiliated "other business, professional, and technical services."

3. Transactions in basic telecommunications services are deemed to be unaffiliated, even when the services flow through affiliated channels, because they represent the distribution of revenues collected from unaffiliated customers. Other types of telecommunications services, such as value-added services, may flow through either affiliated or unaffiliated channels. For the latter, unaffiliated telecommunications transactions are included under "telecommunications"; data on affiliated transactions are not separately available and are included in affiliated "other business, professional, and technical services."

4. See table 2, footnote 1.

Table 6.1. Insurance, 2004

[Millions of dollars]

	Insurance sold to foreigners						Insurance purchased from foreigners					
	Receipts for insurance services			Supplemental Detail			Payments for insurance services			Supplemental Detail		
	Total ¹	Reinsurance	Primary and other insurance	Premiums Received		Losses paid ²	Total ³	Reinsurance	Primary and other insurance	Premiums Paid		Losses recovered ⁴
Reinsurance				Primary insurance	Reinsurance					Primary insurance		
All countries	7,314	4,742	2,571	16,279	3,557	10,649	29,090	25,280	3,808	63,341	3,342	31,967
Canada	1,226	620	606	2,172	1,131	1,413	664	344	320	863	282	483
Europe	3,470	2,441	1,029	8,232	1,009	5,893	11,836	9,632	2,204	24,134	1,860	15,443
Belgium-Luxembourg.....	57	50	7	174	14	166	89	82	6	207	4	66
France.....	352	234	118	812	22	704	482	346	136	867	90	862
Germany.....	850	708	142	2,437	101	1,658	3,002	2,727	274	6,832	42	4,069
Italy.....	37	24	13	81	22	87	53	51	1	127	(*)	65
Netherlands.....	44	25	19	85	25	38	41	41	0	102	(*)	8
Norway.....	35	9	26	31	43	37	11	2	8	6	8	13
Spain.....	43	33	10	112	10	77	22	19	3	47	2	(D)
Sweden.....	18	14	4	48	3	34	84	81	3	203	3	157
Switzerland.....	68	40	29	136	17	91	3,029	2,977	52	7,459	48	7,930
United Kingdom.....	1,640	1,123	516	3,654	616	2,471	3,344	1,643	1,702	4,115	1,658	2,007
Other.....	325	183	142	662	136	531	1,681	1,664	17	4,169	6	(D)
Latin America and Other Western Hemisphere	1,495	944	552	3,200	774	1,909	16,334	15,086	1,246	37,798	1,192	15,626
South and Central America	507	343	164	1,218	334	625	77	36	42	89	7	-18
Argentina.....	27	12	15	41	30	85	17	12	5	(D)	(*)	13
Brazil.....	55	25	30	89	61	34	15	4	10	11	(*)	-33
Chile.....	57	44	13	150	27	38	2	0	2	1	(*)	(*)
Mexico.....	167	140	27	491	55	229	19	11	8	29	4	-6
Venezuela.....	25	16	9	55	19	27	3	-1	4	-2	1	(*)
Other.....	176	106	70	391	143	212	20	8	12	(D)	2	7
Other Western Hemisphere	988	601	387	1,983	439	1,284	16,257	15,050	1,206	37,709	1,185	15,644
Bermuda.....	625	463	162	1,588	222	709	11,805	10,683	1,122	26,767	1,121	12,743
Other.....	364	138	226	395	218	575	4,450	4,367	83	10,943	63	2,901
Africa	41	32	9	110	21	66	24	18	5	46	(*)	(D)
South Africa.....	17	16	1	56	4	26	16	15	1	(D)	(*)	(D)
Other.....	24	16	9	54	17	41	8	3	5	(D)	(*)	1
Middle East	65	43	23	148	32	92	12	9	2	24	(*)	(D)
Israel.....	48	33	15	112	17	71	2	0	2	(*)	(*)	2
Saudi Arabia.....	2	2	1	5	1	3	1	1	0	(D)	0	0
Other.....	16	9	7	30	14	19	9	8	1	(D)	(*)	(D)
Asia and Pacific	933	653	280	2,352	455	1,178	206	177	28	445	8	369
Australia.....	215	128	87	467	117	458	40	35	5	87	(*)	44
China.....	37	11	26	39	25	25	1	1	0	2	(*)	1
Hong Kong.....	50	17	33	60	65	71	2	0	2	0	(*)	(*)
India.....	7	5	2	18	4	8	3	2	1	5	(*)	2
Indonesia.....	9	6	3	30	6	18	3	2	1	5	1	(*)
Japan.....	415	382	33	1,324	56	364	118	112	7	281	4	301
Korea, Republic of.....	73	46	27	162	52	105	10	10	0	25	(*)	11
Malaysia.....	9	5	4	35	6	22	2	2	0	4	0	(*)
New Zealand.....	16	1	15	14	28	24	1	0	1	(*)	(*)	(*)
Philippines.....	5	3	2	11	4	8	8	8	0	(D)	0	7
Singapore.....	37	12	25	42	47	4	5	3	2	6	1	3
Taiwan.....	52	35	17	119	28	43	8	1	7	3	(*)	-1
Thailand.....	4	1	3	18	6	21	1	1	0	3	0	(*)
Other.....	3	0	5	13	11	7	1	1	1	(D)	1	(*)
International organizations and unallocated	85	13	73	65	135	97	13	10	3	31	0	0
Addenda:												
European Union ⁵	3,292	2,354	938	7,914	876	5,646	8,790	6,647	2,142	16,655	1,803	7,496

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. The \$7,314 million in receipts for insurance services in 2004 consisted of the share of premiums that represents charges for insurance services of \$4,463 million (total premiums were \$19,836 million and premiums for settlement of normal losses were \$15,373 million), auxiliary insurance services of \$812 million, and premium supplements of \$2,039 million. (See note below.)

2. The \$10,649 million in losses paid in 2004 consisted of \$9,352 million paid on reinsurance and \$1,296 million paid on primary insurance.

3. The \$29,090 million in payments for insurance services in 2004 consisted of the share of premiums that represents charges for insurance services of \$21,472 million (total premiums were \$66,683 million and premiums for settlement of normal losses were \$45,211 million), auxiliary insurance services of \$646 million, and premium supplements of \$6,970 million. (See note below.)

4. The \$31,967 million in losses recovered in 2004 consisted of \$31,753 million recovered on reinsurance and \$214

million recovered on primary insurance.

5. See table 2, footnote 1.

Note. Insurance services consist of: (1) A share of premiums (the remaining share is for settlement of "normal" losses, where normal losses are inferred from the relationship between actual losses and premiums, averaged over several years), (2) auxiliary insurance services, such as agents commissions, actuarial services, brokering and agency services, and salvage administration services, and (3) premium supplements, representing income on funds held by insurance companies on which policyholders have a claim. This income is treated as accruing to the policyholders, who pay it back to insurers as premium supplements to cover part of the cost of insurance services. Differences between the portion of premiums allocated to loss settlement and the amount of losses actually incurred or recovered—sometimes termed "net insurance settlements"—are recorded in unilateral current transfers in the U.S. international transactions accounts. A positive (negative) amount for net insurance settlements would occur if losses paid are less (greater) than normal and/or if losses recovered are greater (less) than normal. In 2004, net insurance settlements were -\$8,613 million (losses paid were \$4,630 million less than normal and losses recovered were \$13,243 million less than normal).

Table 6.2. Insurance, 2005
(Millions of dollars)

	Insurance sold to foreigners						Insurance purchased from foreigners					
	Receipts for insurance services			Supplemental Detail			Payments for insurance services			Supplemental Detail		
	Total ¹	Reinsurance	Primary and other insurance	Premiums Received		Losses paid ²	Total ³	Reinsurance	Primary and other insurance	Premiums Paid		Losses recovered ⁴
				Reinsurance	Primary insurance					Reinsurance	Primary insurance	
All countries	7,787	4,275	3,511	15,994	5,283	14,067	28,540	25,133	3,406	62,543	3,153	42,173
Canada	1,685	504	1,177	1,884	2,183	1,923	652	302	350	748	(D)	666
Europe	3,047	1,848	1,202	6,915	1,361	7,692	14,618	12,775	1,843	31,612	(D)	17,862
Belgium-Luxembourg.....	51	45	7	163	14	132	102	95	8	235	8	62
France.....	310	196	114	734	44	917	395	293	102	724	95	928
Germany.....	521	381	140	1,422	114	2,168	2,607	2,529	78	6,243	43	2,704
Italy.....	28	16	12	59	19	35	41	38	3	92	1	44
Netherlands.....	42	16	26	59	37	38	11	10	1	30	(*)	10
Norway.....	43	20	23	76	35	68	27	1	27	1	(D)	34
Spain.....	53	28	25	104	40	94	21	18	3	44	1	(D)
Sweden.....	18	12	6	44	5	29	147	144	2	359	1	232
Switzerland.....	104	81	23	303	7	115	4,928	4,880	48	12,144	49	8,733
United Kingdom.....	1,350	771	579	2,886	725	3,722	3,186	1,623	1,563	4,009	1,493	5,145
Other.....	529	282	247	1,063	321	375	3,152	3,144	8	7,730	3	(D)
Latin America and Other Western Hemisphere	1,270	783	483	2,931	611	2,815	12,988	11,819	1,169	29,595	1,115	23,167
South and Central America	446	305	141	1,135	275	1,025	53	9	44	23	6	39
Argentina.....	34	25	9	97	16	92	11	8	3	(D)	(*)	(D)
Brazil.....	55	20	35	74	0	68	14	0	14	-2	(*)	12
Chile.....	46	34	11	128	22	53	2	0	2	1	(*)	(*)
Mexico.....	151	124	27	461	51	636	6	-2	7	-2	4	(*)
Venezuela.....	21	12	9	45	17	31	3	-1	4	-1	(*)	1
Other.....	141	90	51	330	101	170	16	4	12	(D)	2	(D)
Other Western Hemisphere	824	482	342	1,796	336	1,790	12,935	11,810	1,126	29,572	1,109	23,128
Bermuda.....	506	386	120	1,445	134	1,486	10,227	9,204	1,024	22,904	1,026	20,215
Other.....	318	96	222	351	202	304	2,708	2,606	102	6,668	83	2,912
Africa	37	29	8	110	17	40	30	24	6	58	2	(D)
South Africa.....	19	17	2	65	4	8	17	16	1	39	(*)	(D)
Other.....	18	12	6	45	13	33	13	7	6	19	2	(D)
Middle East	46	32	14	117	15	58	8	5	3	11	1	(D)
Israel.....	33	22	11	83	8	44	2	0	2	(*)	(*)	1
Saudi Arabia.....	2	1	0	5	1	4	2	2	0	5	0	(*)
Other.....	12	9	3	29	6	10	5	3	2	5	1	(D)
Asia and Pacific	1,592	1,062	530	3,991	920	1,497	240	207	33	512	11	394
Australia.....	231	124	107	461	151	463	42	40	2	97	(*)	92
China.....	38	15	23	56	22	23	1	1	0	2	(*)	(D)
Hong Kong.....	265	17	248	64	(D)	49	6	3	3	5	1	12
India.....	7	6	1	24	2	41	7	3	4	6	(*)	5
Indonesia.....	11	7	4	26	8	-22	2	1	1	2	0	0
Japan.....	812	773	39	2,922	67	599	133	126	7	313	4	199
Korea, Republic of.....	69	55	14	203	26	162	14	14	0	35	(*)	33
Malaysia.....	13	8	5	30	8	14	9	9	0	24	0	(D)
New Zealand.....	23	5	18	18	33	28	0	0	0	0	(*)	(*)
Philippines.....	7	2	5	9	10	11	1	0	1	(*)	(*)	1
Singapore.....	42	8	33	31	60	32	6	5	1	12	(*)	5
Taiwan.....	55	28	27	104	(D)	53	10	1	8	3	5	2
Thailand.....	12	10	3	36	5	9	4	0	0	10	0	1
Other.....	6	3	2	9	5	35	3	0	3	4	(*)	1
International organizations and unallocated	110	13	97	47	177	42	5	5	0	8	0	-6
Addenda:												
European Union ⁵	2,734	1,585	1,148	5,923	1,280	7,473	9,623	7,857	1,766	19,450	1,647	9,085

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. The \$7,787 million in receipts for insurance services in 2005 consisted of the share of premiums that represents charges for insurance services of \$5,598 million (total premiums were \$21,277 million and premiums for settlement of normal losses were \$15,679 million), auxiliary insurance services of \$768 million, and premium supplements of \$1,420 million. (See note below.)

2. The \$14,067 million in losses paid in 2005 consisted of \$12,380 million paid on reinsurance and \$1,687 million paid on primary insurance.

3. The \$28,540 million in payments for insurance services in 2005 consisted of the share of premiums that represents charges for insurance services of \$23,695 million (total premiums were \$65,696 million and premiums for settlement of normal losses were \$42,001 million), auxiliary insurance services of \$428 million, and premium supplements of \$4,417 million. (See note below.)

4. The \$42,173 million in losses recovered in 2005 consisted of \$41,624 million recovered on reinsurance and \$550

million recovered on primary insurance.

5. See table 2, footnote 1.

NOTE: Insurance services consist of: (1) A share of premiums (the remaining share is for settlement of "normal" losses, where normal losses are inferred from the relationship between actual losses and premiums, averaged over several years), (2) auxiliary insurance services, such as agents' commissions, actuarial services, brokering and agency services, and salvage administration services, and (3) premium supplements, representing income on funds held by insurance companies on which policyholders have a claim. This income is treated as accruing to the policyholders, who pay it back to insurers as premium supplements to cover part of the cost of insurance services. Differences between the portion of premiums allocated to loss settlement and the amount of losses actually incurred or recovered—sometimes termed "net insurance settlements"—are recorded in unilateral current transfers in the U.S. international transactions accounts. A positive (negative) amount for net insurance settlements would occur if losses paid are less (greater) than normal and/or if losses recovered are greater (less) than normal. In 2005, net insurance settlements were \$1,785 million (losses paid were \$173 million greater than normal and losses recovered were \$1,612 million less than normal).

Table 6.3. Insurance, 2006

(Millions of dollars)

	Insurance sold to foreigners						Insurance purchased from foreigners					
	Receipts for insurance services			Supplemental Detail			Payments for insurance services			Supplemental Detail		
	Total ¹	Reinsurance	Primary and other insurance	Premiums Received		Losses paid ²	Total ³	Reinsurance	Primary and other insurance	Premiums Paid		Losses recovered ⁴
				Reinsurance	Primary insurance					Reinsurance	Primary insurance	
All countries	9,276	5,541	3,735	17,736	5,516	10,928	33,582	30,388	3,193	62,380	2,900	29,324
Canada	1,918	474	1,444	1,517	2,580	1,962	645	296	349	605	284	848
Europe	3,659	2,488	1,171	7,951	1,306	5,227	17,177	15,445	1,732	31,723	1,578	13,987
Belgium-Luxembourg	84	72	11	231	21	81	107	99	7	204	7	104
France	254	230	24	732	40	145	413	318	94	653	88	845
Germany	539	444	95	1,421	123	1,430	3,013	2,919	94	5,998	40	3,394
Italy	29	20	9	64	18	95	41	38	3	77	1	48
Netherlands	36	13	23	42	35	22	15	13	2	26	0	-15
Norway	26	15	11	48	14	70	19	3	16	6	18	16
Spain	50	30	20	96	33	69	19	16	3	33	1	31
Sweden	17	5	12	16	15	21	166	165	1	339	1	103
Switzerland	367	105	261	337	17	287	5,594	5,546	48	11,385	45	5,888
United Kingdom	1,224	890	332	2,850	528	2,349	3,134	1,684	1,451	3,458	1,374	1,976
Other	1,034	664	370	2,114	461	657	4,656	4,644	12	9,543	3	1,597
Latin America and Other Western Hemisphere	1,741	1,133	609	3,619	720	2,075	15,437	14,363	1,074	29,472	1,026	13,995
South and Central America	591	408	183	1,303	335	724	103	63	40	127	5	60
Argentina	42	32	9	103	17	19	21	19	2	(D)	0	36
Brazil	61	29	32	92	59	124	56	41	15	(D)	0	7
Chile	54	33	21	105	38	71	2	0	2	0	0	(*)
Mexico	232	187	46	594	84	294	8	3	5	6	3	11
Venezuela	23	15	8	48	15	20	3	-1	4	-1	0	1
Other	179	112	66	360	122	196	12	1	11	4	2	6
Other Western Hemisphere	1,150	725	425	2,317	385	1,351	15,334	14,300	1,034	29,345	1,020	13,935
Bermuda	851	589	262	1,887	194	1,123	12,685	11,752	933	24,124	944	11,412
Other	298	135	163	430	192	228	2,648	2,548	100	5,221	76	2,523
Africa	37	28	9	91	18	52	18	13	5	(D)	2	(D)
South Africa	15	13	3	41	5	20	14	14	0	(D)	0	(D)
Other	22	16	6	50	13	32	4	0	5	-1	2	3
Middle East	55	38	17	122	28	93	11	9	2	(D)	1	-3
Israel	36	24	13	76	19	57	1	0	1	(*)	0	1
Saudi Arabia	4	3	1	8	2	20	0	0	0	1	0	(*)
Other	15	12	4	37	6	16	9	8	1	(D)	1	-4
Asia and Pacific	1,677	1,311	366	4,216	644	1,454	286	256	29	524	10	605
Australia	158	91	67	292	121	250	17	17	0	32	0	-43
China	44	22	22	72	35	37	1	1	0	2	0	(*)
Hong Kong	135	24	112	72	199	62	7	3	4	5	1	2
India	12	10	2	32	3	21	7	1	6	3	0	(*)
Indonesia	11	8	3	27	5	34	0	0	0	0	0	0
Japan	999	967	32	3,112	57	668	174	167	7	343	4	499
Korea, Republic of	135	114	21	365	36	235	10	9	1	19	0	17
Malaysia	16	8	8	26	14	14	10	10	0	(D)	0	(D)
New Zealand	19	4	14	14	26	16	0	0	0	1	0	0
Philippines	9	3	6	10	10	6	0	0	0	(*)	0	(*)
Singapore	44	11	32	36	58	11	17	16	1	32	0	2
Taiwan	76	38	38	122	63	59	39	30	9	(D)	4	(D)
Thailand	13	8	5	25	10	11	2	2	0	3	0	(*)
Other	5	1	4	10	7	30	0	0	0	(*)	0	2
International organizations and unallocated	189	68	121	220	221	66	8	4	4	10	0	(D)
Addenda:												
European Union ⁵	2,796	1,920	875	6,144	1,232	4,813	11,560	9,896	1,664	20,327	1,515	8,076

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. The \$9,276 million in receipts for insurance services in 2006 consisted of the share of premiums that represents charges for insurance services of \$6,781 million (total premiums were \$23,252 million and premiums for settlement of normal losses were \$16,471 million), auxiliary insurance services of \$689 million, and premium supplements of \$1,806 million. (See note below.)

2. The \$10,928 million in losses paid in 2006 consisted of \$8,722 million paid on reinsurance and \$2,206 million paid on primary insurance.

3. The \$33,582 million in payments for insurance services in 2006 consisted of the share of premiums that represents charges for insurance services of \$27,917 million (total premiums were \$65,280 million and premiums for settlement of normal losses were \$37,363 million), auxiliary insurance services of \$454 million, and premium supplements of \$5,211 million. (See note below.)

4. The \$29,324 million in losses recovered in 2006 consisted of \$29,029 million recovered on reinsurance and \$296 million recovered on primary insurance.

5. See table 2, footnote 1.

Note. Insurance services consist of: (1) A share of premiums (the remaining share is for settlement of "normal" losses, where normal losses are inferred from the relationship between actual losses and premiums, averaged over several years), (2) auxiliary insurance services, such as agents' commissions, actuarial services, brokering and agency services, and salvage administration services, and (3) premium supplements, representing income on funds held by insurance companies on which policyholders have a claim. This income is treated as accruing to the policyholders, who pay it back to insurers as premium supplements to cover part of the cost of insurance services. Differences between the portion of premiums allocated to loss settlement and the amount of losses actually incurred or recovered—sometimes termed "net insurance settlements"—are recorded in unilateral current transfers in the U.S. international transactions accounts. A positive (negative) amount for net insurance settlements would occur if losses paid are less (greater) than normal and/or if losses recovered are greater (less) than normal. In 2006, net insurance settlements were -\$2,496 million (losses paid were \$5,542 million less than normal and losses recovered were \$8,039 million less than normal).

Table 7.1. Business, Professional, and Technical Services, 2004—Continues

[Millions of dollars]

	Receipts												
	Total	Advertising	Computer and information services			Research, development, and testing services	Management, consulting, and public relations services	Legal Services	Construction, architectural, and engineering services ¹	Industrial engineering	Installation, maintenance, and repair of equipment	Operational leasing	Other
			Total	Computer and data processing services	Database and other information services								
Total	71,789	581	8,800	(²)	(²)	8,688	5,339	3,997	3,294	828	4,948	8,634	26,679
Affiliated.....	37,243	(²)	2,100	(²)	(²)	7,400	3,100	(²)	(²)	(²)	(²)	3,000	(¹) 21,643
Unaffiliated.....	34,546	581	6,700	3,454	3,246	1,288	2,239	3,997	3,294	828	4,948	5,634	(²) 5,036
Unaffiliated by Country:													
Canada	2,931	88	695	336	359	125	116	336	178	49	254	440	651
Europe	14,387	259	3,835	2,158	1,677	641	883	2,062	1,092	229	1,588	2,521	1,276
Belgium-Luxembourg.....	340	4	76	41	35	20	23	73	23	(D)	64	28	(D)
France.....	1,450	36	257	155	102	58	52	291	50	16	168	407	115
Germany.....	1,589	32	360	172	188	118	69	316	73	47	306	121	125
Italy.....	723	25	308	45	263	12	31	57	19	(D)	101	105	(D)
Netherlands.....	775	20	134	67	67	20	67	123	21	14	101	191	86
Norway.....	130	2	25	14	11	4	4	17	(D)	3	9	27	(D)
Spain.....	403	7	64	23	41	11	8	34	57	(D)	19	147	(D)
Sweden.....	363	3	72	41	31	17	32	54	(D)	4	17	54	(D)
Switzerland.....	754	22	181	88	92	135	33	170	13	(D)	21	96	(D)
United Kingdom.....	4,851	82	2,013	1,374	639	192	160	751	107	39	446	668	392
Other.....	3,031	26	345	138	207	54	404	178	628	48	336	678	333
Latin America and Other Western Hemisphere	4,270	89	600	228	372	54	206	270	331	115	524	752	1,329
South and Central America.....	3,624	79	512	166	347	50	157	152	222	(D)	491	654	(D)
Argentina.....	192	9	37	9	28	9	4	15	17	6	44	19	32
Brazil.....	697	19	138	37	101	4	7	38	-25	(D)	152	277	(D)
Chile.....	161	2	25	8	17	1	3	6	16	(D)	22	58	(D)
Mexico.....	1,596	35	183	59	124	16	23	51	97	23	175	223	770
Venezuela.....	299	6	50	22	28	(D)	7	13	62	(D)	48	3	79
Other.....	679	8	80	30	50	(D)	113	28	57	16	50	74	(D)
Other Western Hemisphere.....	647	10	88	62	26	4	50	118	108	(D)	33	99	(D)
Bermuda.....	116	4	15	10	6	(¹)	6	70	1	(¹)	(¹)	4	15
Other.....	530	6	73	53	20	4	44	48	108	(D)	32	95	(D)
Africa	1,569	7	216	113	103	11	210	146	181	(D)	79	192	(D)
South Africa.....	239	5	107	46	61	4	16	(D)	6	5	24	(D)	24
Other.....	1,330	3	109	67	42	7	194	(D)	175	(D)	56	(D)	(D)
Middle East	2,293	16	264	83	181	101	392	87	359	(D)	333	227	(D)
Israel.....	279	6	47	22	25	12	30	59	16	2	48	11	48
Saudi Arabia.....	567	(¹)	110	35	75	2	9	12	108	25	217	0	83
Other.....	1,447	10	107	26	81	87	353	15	235	(D)	68	216	(D)
Asia and Pacific	9,046	123	1,089	536	553	336	430	1,096	1,155	320	2,169	1,501	827
Australia.....	753	8	300	151	149	13	31	74	1	23	122	109	71
China.....	1,237	7	58	38	20	14	55	62	313	(D)	194	440	(D)
Hong Kong.....	392	13	49	23	26	1	19	68	22	(D)	53	96	(D)
India.....	514	5	79	36	43	17	23	14	137	(D)	52	44	(D)
Indonesia.....	226	1	24	11	14	(¹)	34	3	16	9	12	86	40
Japan.....	2,787	39	322	132	190	236	74	664	74	140	1,000	97	143
Korea, Republic of.....	854	18	54	38	17	31	11	93	191	(D)	190	161	(D)
Malaysia.....	167	6	22	17	5	1	2	5	16	5	74	25	11
New Zealand.....	161	1	28	11	18	1	1	4	1	(¹)	31	81	13
Philippines.....	149	1	12	8	4	1	34	7	7	4	41	21	22
Singapore.....	447	13	53	29	24	6	15	17	18	9	198	51	68
Taiwan.....	436	5	28	12	16	11	2	78	71	(D)	98	103	(D)
Thailand.....	172	5	28	20	8	3	12	1	23	5	68	10	16
Other.....	752	1	31	11	21	1	118	5	267	1	38	178	112
International organizations and unallocated	50	0	0	0	0	21	2	(¹)	0	0	0	0	27
Addenda:													
European Union ⁶	11,885	228	3,546	1,996	1,550	485	614	1,804	523	193	1,412	2,096	983

See the footnotes at the end of the table.

Table 7.1. Business, Professional, and Technical Services, 2004—Table Ends

[Millions of dollars]

	Payments												
	Total	Advertising	Computer and information services			Research, development, and testing services	Management, consulting, and public relations services	Legal Services	Construction, architectural, and engineering services ¹	Industrial engineering	Installation, maintenance, and repair of equipment	Operational leasing	Other
			Total	Computer and data processing services	Database and other information services								
Total	41,293	931	6,852	(²)	(²)	5,062	4,936	899	580	164	719	1,142	20,008
Affiliated.....	27,653	(²)	4,600	(²)	(²)	3,100	3,200	(²)	(²)	(²)	(²)	1,000	(²) 15,753
Unaffiliated.....	13,640	931	2,252	1,965	287	1,962	1,736	899	580	164	719	142	(²) 4,255
Unaffiliated by Country:													
Canada	3,139	97	1,320	1,298	22	184	369	73	135	17	198	18	729
Europe	5,783	431	469	262	206	1,350	645	516	202	108	299	35	1,728
Belgium-Luxembourg.....	143	6	8	8	1	25	17	19	5	2	8	(²)	51
France.....	364	30	68	(D)	(D)	50	23	31	4	14	24	2	118
Germany.....	690	55	69	(D)	(D)	158	105	81	22	16	23	3	160
Italy.....	217	22	3	(²)	(²)	32	22	14	5	1	7	(²)	112
Netherlands.....	290	18	24	6	18	77	23	14	1	3	9	(²)	121
Norway.....	74	6	(²)	(²)	(²)	12	2	6	2	(²)	25	(²)	19
Spain.....	168	(D)	49	5	44	5	6	10	4	7	8	(²)	(D)
Sweden.....	239	9	1	(²)	(²)	37	(D)	11	(D)	14	34	1	18
Switzerland.....	224	6	34	13	21	57	24	15	6	6	2	(²)	81
United Kingdom.....	2,579	208	153	101	53	765	246	260	49	40	141	8	710
Other.....	793	(D)	59	58	1	132	(D)	56	(D)	10	19	20	(D)
Latin America and Other Western Hemisphere	1,180	140	11	10	1	99	226	91	46	9	55	(D)	(D)
South and Central America.....	989	139	9	8	1	86	165	78	43	9	55	(D)	(D)
Argentina.....	56	7	(²)	(²)	(²)	10	5	21	(²)	(²)	(²)	(²)	13
Brazil.....	199	42	4	4	(²)	26	28	14	5	1	(D)	1	(D)
Chile.....	22	6	1	1	(²)	3	2	3	(²)	0	1	(²)	7
Mexico.....	388	72	3	3	(²)	31	85	21	13	8	20	(D)	(D)
Venezuela.....	28	2	(²)	(²)	(²)	(²)	5	3	4	1	(²)	(²)	12
Other.....	296	10	(²)	(²)	(²)	15	41	16	21	(²)	(D)	(²)	(D)
Other Western Hemisphere.....	190	2	2	2	1	13	61	13	3	(²)	(²)	(²)	96
Bermuda.....	19	(²)	1	1	(²)	(²)	8	5	0	(²)	(²)	(²)	4
Other.....	171	2	1	1	(²)	13	53	8	3	0	(²)	(²)	91
Africa	530	12	2	1	1	81	81	6	18	(²)	15	1	313
South Africa.....	85	11	1	(²)	(²)	7	7	3	(²)	0	12	(²)	44
Other.....	445	1	1	(²)	(²)	73	74	4	18	(²)	3	(²)	269
Middle East	731	13	17	16	2	14	199	15	73	17	10	1	373
Israel.....	193	3	11	11	(²)	11	16	7	(D)	(D)	4	0	121
Saudi Arabia.....	38	(²)	4	3	2	(²)	2	3	(D)	(²)	1	0	(D)
Other.....	500	10	2	2	(²)	3	182	5	47	(D)	5	1	(D)
Asia and Pacific	2,260	223	432	378	55	235	216	198	106	13	142	(D)	(D)
Australia.....	241	48	9	3	6	28	17	32	1	2	7	12	85
China.....	165	18	7	6	1	19	9	22	7	2	18	3	62
Hong Kong.....	154	6	2	2	(²)	19	17	19	2	(²)	7	(²)	78
India.....	511	3	349	337	12	50	29	7	34	6	2	2	28
Indonesia.....	65	2	(²)	(²)	(²)	7	12	2	(²)	0	10	(²)	31
Japan.....	499	100	22	9	13	38	38	70	38	1	32	(D)	(D)
Korea, Republic of.....	115	14	6	(²)	6	9	8	16	13	(²)	10	(²)	39
Malaysia.....	23	2	1	1	(²)	1	9	1	(²)	0	6	(²)	3
New Zealand.....	65	5	4	4	(²)	10	2	3	(²)	0	6	(²)	35
Philippines.....	90	2	15	4	11	1	16	2	1	(²)	(²)	0	13
Singapore.....	53	4	5	1	4	9	9	4	3	1	22	(²)	36
Taiwan.....	99	13	6	5	1	25	9	13	2	(²)	19	0	13
Thailand.....	28	2	(²)	(²)	(²)	6	1	3	(²)	(²)	(²)	0	16
Other.....	152	4	5	5	(²)	13	40	3	5	(²)	4	1	78
International organizations and unallocated	18	15	0	0	0	0	0	0	0	0	0	0	3
Addenda:													
European Union ⁶	5,194	411	427	242	185	1,237	524	471	178	101	270	34	1,540

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. Receipts for construction, architectural, and engineering services are published net of merchandise exports, which are included in merchandise trade in the U.S. international transactions accounts, and net of outlays abroad for wages, services, materials, and other expenses. In 2004, total receipts were \$3,294 million for construction, architectural, and engineering services. The components of the total are as follows: Construction services—receipts of \$298 million were derived as gross operating revenues of \$2,284 million less merchandise exports of \$294 million and foreign expenses of \$1,691 million. Architectural and engineering services—receipts of \$2,996 million were derived as gross operating revenues of \$4,494 million less a BEA estimate of \$1,498 million for merchandise exports and foreign expenses. Payments for construction, architectural, and engineering services are not published net of merchandise imports and outlays for wages and other expenses. Data are not collected for merchandise imports and wages and other expenses, and no estimates are made because they are believed to be small.

2. Data for this type of affiliated services are not separately available. However, these data are included in "other" affiliated services and in total affiliated services.

3. Data for this type of affiliated services are not separately available. However, these data are included in total computer and information services and in total affiliated services.

4. Consists of affiliated services except for the following services that are shown in the adjacent columns: computer and information services; research, development and testing services; management, consulting, and public relations services; and operational leasing services.

5. Consists of accounting, auditing, and bookkeeping services; agricultural, mining, and on-site processing services; medical services; miscellaneous disbursements (see footnote 6 table 1); sports and performing arts; trade-related services (see footnote 7 table 1); training services; and other business, professional, and technical services (see footnote 8 table 1). Receipts for mining services are published net of merchandise exports, which are included in merchandise trade in the U.S. international transactions accounts, and net of outlays abroad for wages, services, materials, and other expenses. In 2004, mining services receipts were \$110 million. Receipts and payments for mining services are not published net of merchandise imports and outlays for wages and other expenses. Data are not collected for merchandise imports and wages and other expenses, and no estimates are made because they are believed to be small.

6. See table 2, footnote 1.

Table 7.2. Business, Professional, and Technical Services, 2005—Continues

(Millions of dollars)

	Receipts												
	Total	Advertising	Computer and information services			Research, development, and testing services	Management, consulting, and public relations services	Legal Services	Construction, architectural, and engineering, services ¹	Industrial engineering	Installation, maintenance, and repair of equipment	Operational leasing	Other
			Total	Computer and data processing services	Database and other information services								
Total	83,990	574	9,782	(²)	(²)	10,191	6,864	4,274	3,861	2,305	6,507	9,557	30,075
Affiliated.....	42,116	(²)	2,300	(²)	(²)	8,900	4,300	(²)	(²)	(²)	(²)	3,300	(¹) 23,316
Unaffiliated	41,874	574	7,482	3,458	4,024	1,291	2,564	4,274	3,861	2,305	6,507	6,257	(¹) 6,759
Unaffiliated by Country:													
Canada	3,363	82	722	326	396	130	125	364	252	178	358	440	711
Europe	17,106	244	4,400	2,196	2,204	667	889	2,239	960	776	2,300	2,964	1,668
Belgium-Luxembourg	354	4	91	47	44	18	20	71	16	7	68	38	20
France	1,625	36	261	137	125	49	65	311	71	(D)	225	462	(D)
Germany	1,733	25	360	144	217	113	70	371	74	43	405	150	123
Italy	1,057	28	370	51	319	12	35	80	7	(D)	163	151	(D)
Netherlands	958	5	193	110	83	22	61	118	13	(D)	197	225	(D)
Norway	180	(¹)	44	31	13	3	5	18	12	(D)	24	29	(D)
Spain	657	8	71	30	41	9	8	46	48	(D)	56	219	(D)
Sweden	399	13	97	55	42	17	33	48	(D)	6	44	66	(D)
Switzerland.....	963	23	250	85	165	142	40	197	22	(D)	62	98	(D)
United Kingdom.....	5,428	77	2,196	1,309	887	230	185	772	85	(D)	636	708	(D)
Other	3,752	25	466	198	268	51	369	205	(D)	245	421	815	(D)
Latin America and Other Western Hemisphere	5,558	109	552	200	352	36	264	326	693	310	763	856	1,650
South and Central America	4,728	101	490	165	325	30	194	154	534	(D)	717	735	(D)
Argentina.....	228	11	42	17	25	5	5	11	8	26	49	32	39
Brazil	931	31	147	40	107	4	14	43	65	47	191	309	79
Chile	202	1	25	6	19	1	4	29	(D)	28	62	(D)	(D)
Mexico	2,176	42	158	57	101	17	47	57	319	(D)	229	223	(D)
Venezuela.....	358	9	38	17	21	1	12	16	27	(D)	119	5	(D)
Other	832	8	80	28	52	2	112	24	85	24	101	104	292
Other Western Hemisphere	831	7	62	35	27	6	71	171	159	(D)	47	121	(D)
Bermuda.....	144	3	12	6	6	(¹)	4	106	1	(¹)	(¹)	(¹)	18
Other	687	5	50	28	21	5	67	65	158	(D)	47	121	(D)
Africa	2,384	8	207	84	123	11	235	34	85	54	245	166	1,338
South Africa.....	260	5	129	57	72	3	13	15	14	3	25	(D)	(D)
Other	2,124	4	78	28	50	9	222	19	71	52	220	(D)	(D)
Middle East	2,998	15	336	76	259	96	525	99	542	(D)	420	304	(D)
Israel	340	(D)	47	14	33	16	31	68	19	(D)	33	56	14
Saudi Arabia.....	726	(¹)	121	24	97	1	9	12	113	(D)	199	(¹)	(D)
Other	1,932	(D)	167	38	129	79	484	19	411	(D)	165	291	(D)
Asia and Pacific	10,406	116	1,265	575	690	335	523	1,213	1,329	(D)	2,419	1,527	(D)
Australia	889	7	325	143	181	9	43	70	10	(D)	183	103	(D)
China	1,708	7	84	50	34	11	67	89	554	(D)	234	439	(D)
Hong Kong	425	13	69	40	29	2	30	82	25	(D)	45	99	(D)
India	510	6	99	45	54	18	34	16	51	(D)	32	62	(D)
Indonesia.....	255	1	23	11	12	1	42	2	20	(D)	22	71	(D)
Japan.....	3,147	36	338	123	215	232	71	719	171	(D)	1,126	95	(D)
Korea, Republic of	932	13	60	42	18	22	11	101	172	(D)	204	170	(D)
Malaysia	247	6	29	25	4	1	3	3	19	(D)	104	32	(D)
New Zealand	191	1	34	14	20	1	1	5	1	(D)	51	(D)	15
Philippines.....	156	(¹)	13	8	6	(¹)	32	5	8	1	44	28	24
Singapore	495	12	98	36	62	19	21	16	6	(D)	191	62	(D)
Taiwan	497	4	32	11	22	16	4	97	46	(D)	84	134	(D)
Thailand	252	7	26	15	11	2	18	2	30	(D)	61	15	(D)
Other	701	2	36	14	23	2	147	6	216	5	38	(D)	(D)
International organizations and unallocated	58	0	0	0	0	16	3	0	0	0	0	0	39
Addenda:													
European Union ⁶	14,175	214	4,012	2,009	2,003	510	656	1,943	415	(D)	2,120	2,520	(D)

See the footnotes at the end of the table.

Table 7.2. Business, Professional, and Technical Services, 2005—Table Ends

[Millions of dollars]

	Payments												
	Total	Advertising	Computer and information services			Research, development, and testing services	Management, consulting, and public relations services	Legal Services	Construction, architectural, and engineering services ¹	Industrial engineering	Installation, maintenance, and repair of equipment	Operational leasing	Other
			Total	Computer and data processing services	Database and other information services								
Total	48,765	982	9,048	(²)	(²)	6,744	6,070	897	415	160	1,048	1,316	22,084
Affiliated.....	33,941	(²)	6,300	(²)	(²)	4,500	4,200	(²)	(²)	(²)	(²)	1,200	(²) 17,741
Unaffiliated.....	14,824	982	2,748	2,211	536	2,244	1,870	897	415	160	1,048	116	(²) 4,343
Unaffiliated by Country:													
Canada	3,386	93	1,586	1,559	27	219	346	84	78	18	224	12	726
Europe	6,148	473	551	174	377	1,510	634	516	126	57	401	35	1,844
Belgium-Luxembourg.....	186	10	13	10	3	29	23	23	1	1	7	(²)	79
France.....	399	48	68	9	59	64	26	33	5	5	12	2	137
Germany.....	802	62	107	53	54	168	70	81	14	8	91	2	200
Italy.....	248	26	15	8	7	41	26	16	17	1	24	(²)	83
Netherlands.....	337	16	32	6	26	106	24	13	2	3	14	(²)	129
Norway.....	60	2	1	1	1	10	6	5	(²)	1	(D)	(²)	(D)
Spain.....	189	(D)	51	4	48	21	9	13	1	(²)	15	(²)	(D)
Sweden.....	163	8	3	1	1	24	(D)	10	(²)	11	29	1	(D)
Switzerland.....	279	7	34	10	24	87	37	12	10	0	4	(²)	97
United Kingdom.....	2,775	207	188	48	140	816	253	270	45	18	164	10	804
Other.....	709	(D)	38	23	15	145	(D)	41	40	10	(D)	19	228
Latin America and Other Western Hemisphere	1,233	135	30	(D)	(D)	116	216	68	67	8	92	(D)	(D)
South and Central America.....	1,053	133	25	(D)	(D)	98	140	61	58	8	90	(D)	(D)
Argentina.....	58	9	3	(²)	3	14	5	5	0	0	(²)	(²)	21
Brazil.....	222	55	6	4	2	36	20	14	5	0	(D)	1	(D)
Chile.....	43	3	1	(²)	1	4	1	3	(²)	1	1	(²)	30
Mexico.....	418	52	9	6	3	23	74	22	6	8	66	8	129
Venezuela.....	32	3	3	2	1	1	7	3	2	1	(²)	(²)	12
Other.....	280	10	4	(D)	(D)	20	33	13	(²)	(²)	(D)	1	(D)
Other Western Hemisphere.....	179	2	5	3	2	18	76	7	9	0	2	(²)	61
Bermuda.....	23	(²)	1	1	(²)	7	7	1	(²)	(²)	(²)	(²)	6
Other.....	157	2	4	2	2	11	69	6	8	0	2	(²)	55
Africa	567	14	7	1	6	118	107	8	18	1	16	2	277
South Africa.....	79	14	2	(²)	2	8	7	3	1	1	15	(²)	31
Other.....	488	1	5	1	5	110	100	5	17	1	1	2	246
Middle East	791	11	25	(D)	(D)	23	278	15	72	6	16	(D)	(D)
Israel.....	142	1	10	4	6	17	15	6	3	6	8	(²)	77
Saudi Arabia.....	22	1	5	(²)	5	(²)	1	3	6	(²)	1	0	5
Other.....	627	9	10	(D)	(D)	7	263	6	63	(²)	8	(D)	(D)
Asia and Pacific	2,675	235	549	453	96	258	288	206	54	70	298	44	672
Australia.....	267	50	17	(D)	(D)	31	16	30	2	2	11	(D)	(D)
China.....	187	16	8	(D)	(D)	21	10	20	11	1	32	(²)	68
Hong Kong.....	148	10	3	1	3	13	13	19	1	(²)	8	2	79
India.....	640	7	444	419	25	49	62	10	3	9	4	2	50
Indonesia.....	84	2	3	2	1	9	(D)	4	3	0	4	1	(D)
Japan.....	546	91	30	7	24	48	37	73	2	6	98	(D)	(D)
Korea, Republic of.....	121	26	11	(²)	11	9	9	23	6	(²)	6	(²)	31
Malaysia.....	27	1	1	(²)	1	1	8	1	(²)	(²)	9	(²)	6
New Zealand.....	75	5	4	(²)	1	10	6	3	2	(²)	(D)	0	(D)
Philippines.....	48	2	15	12	4	2	15	2	1	(²)	(²)	(²)	10
Singapore.....	207	7	5	(²)	5	11	12	5	1	(D)	88	(²)	(D)
Taiwan.....	86	13	2	(²)	2	28	4	10	3	1	12	0	13
Thailand.....	42	2	2	(²)	2	6	1	3	(²)	(D)	0	0	(D)
Other.....	197	4	4	2	(D)	20	(D)	3	20	(²)	(D)	1	73
International organizations and unallocated	23	21	0	0	0	0	(²)	(²)	0	0	0	0	1
Addenda:													
European Union ⁶	5,529	459	504	160	344	1,353	511	488	105	52	382	34	1,641

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. Receipts for construction, architectural, and engineering services are published net of merchandise exports, which are included in merchandise trade in the U.S. international transactions accounts, and net of outlays abroad for wages, services, materials, and other expenses. In 2005, total receipts were \$3,861 million for construction, architectural, and engineering services. The components of the total are as follows: Construction services - receipts of \$431 million were derived as gross operating revenues of \$1,670 million less merchandise exports of \$193 million and foreign expenses of \$1,046 million. Architectural and engineering services - receipts of \$3,429 million were derived as gross operating revenues of \$5,144 million less a BEA estimate of \$1,715 million for merchandise exports and foreign expenses. Payments for construction, architectural, and engineering services are not published net of merchandise imports and outlays for wages and other expenses. Data are not collected for merchandise imports and wages and other expenses, and no estimates are made because they are believed to be small.

2. Data for this type of affiliated services are not separately available. However, these data are included in "other" affiliated services and in total affiliated services.

3. Data for this type of affiliated services are not separately available. However, these data are included in total computer and information services and in total affiliated services.

4. Consists of affiliated services except for the following services that are shown in the adjacent columns: computer and information services; research, development and testing services; management, consulting, and public relations services; and operational leasing services.

5. See table 7.1, footnote 5. In 2005, mining services receipts were \$142 million. Receipts and payments for mining services are not published net of merchandise imports and outlays for wages and other expenses. Data are not collected for merchandise imports and wages and other expenses, and no estimates are made because they are believed to be small.

6. See table 2, footnote 1.

Table 7.3. Business, Professional, and Technical Services, 2006—Continues

[Millions of dollars]

	Receipts												
	Total	Advertising	Computer and information services			Research, development, and testing services	Management, consulting, and public relations services	Legal Services	Construction, architectural, and engineering services ¹	Industrial engineering	Installation, maintenance, and repair of equipment	Operational leasing	Other
			Total	Computer and data processing services	Database and other information services								
Total	96,220	600	10,096	(²)	(²)	13,002	7,395	5,043	5,468	2,703	6,893	11,077	33,944
Affiliated.....	48,820	(²)	2,500	(²)	(²)	11,300	4,900	(²)	(²)	(²)	(²)	3,800	(²) 26,321
Unaffiliated.....	47,400	600	7,596	3,708	3,888	1,702	2,495	5,043	5,468	2,703	6,893	7,277	(²) 7,623
Unaffiliated by Country:													
Canada	4,430	86	847	350	497	107	174	421	887	227	340	476	865
Europe	19,156	255	4,293	2,293	2,000	887	897	2,611	1,397	(D)	2,304	3,354	(D)
Belgium-Luxembourg.....	470	4	96	51	45	71	25	80	19	(D)	80	56	(D)
France.....	1,828	38	246	154	92	64	71	365	120	(D)	232	505	(D)
Germany.....	1,851	26	334	174	160	139	97	369	118	54	330	225	159
Italy.....	1,208	29	386	57	329	14	46	82	32	(D)	209	170	(D)
Netherlands.....	994	5	167	90	77	29	69	142	46	13	155	232	136
Norway.....	244	(²)	45	32	13	55	4	18	9	(D)	31	29	(D)
Spain.....	965	8	78	40	38	21	10	74	103	(D)	55	283	(D)
Sweden.....	511	14	97	60	36	27	28	56	(D)	(D)	50	65	59
Switzerland.....	1,006	24	193	86	107	160	53	243	(D)	(D)	68	114	113
United Kingdom.....	6,123	80	2,192	1,361	831	249	218	929	357	(D)	665	742	(D)
Other.....	3,956	27	459	188	271	58	276	252	468	(D)	430	932	(D)
Latin America and Other Western Hemisphere	5,823	113	618	243	375	41	247	364	454	470	740	843	1,933
South and Central America.....	4,963	106	536	210	326	34	188	174	325	(D)	689	723	(D)
Argentina.....	294	11	40	16	24	4	11	19	14	(D)	49	44	(D)
Brazil.....	808	32	170	58	112	7	7	38	37	45	126	239	107
Chile.....	161	1	25	7	18	4	8	5	1	9	25	63	20
Mexico.....	2,383	44	168	66	102	16	42	60	134	(D)	268	257	(D)
Venezuela.....	385	9	48	32	15	1	9	20	18	30	126	4	120
Other.....	932	9	85	30	55	3	111	32	120	16	94	115	347
Other Western Hemisphere.....	860	7	81	32	49	7	59	190	130	(D)	51	120	(D)
Bermuda.....	160	3	14	8	6	(²)	16	111	1	(²)	1	(²)	14
Other.....	700	4	67	24	43	7	43	79	129	(D)	50	120	(D)
Africa	2,500	8	225	96	129	14	273	39	269	157	495	158	862
South Africa.....	295	5	147	71	76	5	15	17	15	(D)	19	(D)	(D)
Other.....	2,205	3	79	25	54	8	258	22	255	(D)	477	(D)	(D)
Middle East	3,351	16	337	76	262	125	342	140	711	(D)	499	486	(D)
Israel.....	408	3	44	12	31	16	43	83	17	(D)	94	(D)	67
Saudi Arabia.....	596	(²)	118	24	94	2	18	14	88	(D)	245	(²)	(D)
Other.....	2,347	13	176	39	136	108	281	42	605	(D)	160	(D)	395
Asia and Pacific	12,029	121	1,276	651	625	470	560	1,468	1,750	(D)	2,516	1,960	(D)
Australia.....	1,671	7	342	162	180	14	71	96	(D)	29	134	80	(D)
China.....	1,710	7	98	65	32	19	68	132	192	(D)	271	647	(D)
Hong Kong.....	571	14	61	33	28	2	28	94	31	(D)	118	(D)	59
India.....	695	6	96	43	53	16	44	23	90	(D)	52	153	(D)
Indonesia.....	254	1	20	11	9	1	33	2	48	(D)	22	71	(D)
Japan.....	2,969	38	292	131	161	352	67	766	159	(D)	799	132	(D)
Korea, Republic of.....	1,139	14	80	64	17	27	12	180	165	(D)	347	122	(D)
Malaysia.....	240	6	24	20	4	2	4	5	12	(D)	101	26	(D)
New Zealand.....	214	10	34	12	23	1	2	4	2	7	32	(D)	(D)
Philippines.....	231	(²)	13	8	5	3	40	8	4	(D)	64	35	(D)
Singapore.....	683	13	114	54	60	11	15	25	19	50	302	101	33
Taiwan.....	702	4	38	16	22	18	3	120	55	(D)	145	(D)	47
Thailand.....	269	7	26	16	10	3	11	2	44	(D)	70	13	(D)
Other.....	681	3	37	17	20	2	160	10	(D)	(D)	60	151	75
International organizations and unallocated	112	0	0	0	0	57	3	0	-1	0	0	0	53
Addenda:													
European Union ⁶	15,966	224	3,975	2,120	1,855	657	662	2,242	943	(D)	2,084	2,826	(D)

See the footnotes at the end of the table.

Table 7.3. Business, Professional, and Technical Services, 2006—Table Ends

[Millions of dollars]

	Payments												
	Total	Advertising	Computer and information services			Research, development, and testing services	Management, consulting, and public relations services	Legal Services	Construction, architectural, and engineering, services ¹	Industrial engineering	Installation, maintenance, and repair of equipment	Operational leasing	Other
			Total	Computer and data processing services	Database and other information services								
Total	58,231	739	11,092	(²)	(²)	9,047	7,451	971	563	115	1,280	1,521	25,452
Affiliated	42,386	(²)	8,000	(²)	(²)	6,400	5,900	(²)	(²)	(²)	(²)	1,300	(²) 20,786
Unaffiliated	15,845	739	3,092	2,522	570	2,647	1,551	971	563	115	1,280	221	(²) 4,666
Unaffiliated by Country:													
Canada	3,304	70	1,678	1,655	23	253	198	95	43	25	195	28	719
Europe	6,841	356	662	242	420	1,724	513	524	249	69	597	136	2,011
Belgium-Luxembourg	223	8	8	5	3	47	28	25	(²)	8	9	(²)	90
France	404	36	67	8	59	83	18	30	1	4	13	1	151
Germany	1,026	47	75	35	41	231	59	99	39	6	223	27	220
Italy	241	20	13	5	8	44	25	15	19	2	13	1	89
Netherlands	382	12	41	12	29	107	19	21	13	5	19	(²)	145
Norway	57	2	1	1	1	19	7	7	3	1	10	(²)	6
Spain	134	30	56	3	53	12	6	12	5	1	10	(²)	2
Sweden	108	6	7	6	2	26	6	12	1	(²)	33	4	13
Switzerland	283	5	24	3	21	153	27	12	2	(²)	6	(²)	54
United Kingdom	2,996	156	312	127	185	879	210	247	111	29	217	(D)	(D)
Other	987	34	57	39	18	124	108	44	55	13	46	(D)	(D)
Latin America and Other Western Hemisphere	1,249	102	31	(D)	(D)	127	153	84	109	2	84	27	530
South and Central America	1,047	100	26	(D)	(D)	104	84	73	87	1	77	26	469
Argentina	60	7	1	(²)	1	15	5	7	2	0	1	(²)	22
Brazil	267	41	7	5	2	32	20	19	6	(²)	36	16	90
Chile	15	2	1	(²)	1	4	1	3	4	0	(²)	(²)	0
Mexico	368	39	11	4	4	29	25	25	48	1	38	8	144
Venezuela	33	2	2	1	1	2	7	3	2	1	(²)	(²)	14
Other	304	9	4	(D)	(D)	22	27	15	26	(²)	2	1	198
Other Western Hemisphere	202	2	5	3	2	23	69	11	22	1	6	1	62
Bermuda	24	(²)	2	1	(²)	8	8	2	(²)	0	0	(²)	4
Other	178	2	4	2	2	16	61	10	21	1	6	1	56
Africa	601	11	9	1	8	137	121	9	9	(²)	22	1	282
South Africa	86	11	1	(²)	1	12	7	4	2	(²)	14	(²)	35
Other	515	0	8	1	7	125	114	5	7	(²)	8	1	247
Middle East	644	8	15	(D)	(D)	32	137	20	92	1	15	1	323
Israel	62	1	8	3	5	17	11	9	(²)	1	7	(²)	8
Saudi Arabia	17	1	(²)	(²)	(²)	1	2	3	7	(²)	1	0	2
Other	565	6	7	(D)	(D)	13	124	8	85	(²)	7	(²)	315
Asia and Pacific	3,181	177	698	603	95	373	429	239	61	18	368	27	791
Australia	279	38	16	2	13	38	15	31	1	2	13	5	120
China	272	12	20	13	8	38	26	24	9	4	50	(²)	89
Hong Kong	172	8	3	(²)	3	4	19	25	1	(²)	(D)	(D)	86
India	839	5	565	538	28	105	93	9	4	7	2	(²)	49
Indonesia	64	2	1	(²)	1	11	(D)	3	7	0	3	1	(D)
Japan	488	68	37	15	22	50	50	83	8	(²)	29	3	160
Korea, Republic of	139	20	4	(²)	4	18	19	30	5	1	1	(²)	41
Malaysia	44	1	1	(²)	1	3	14	1	(²)	0	(D)	(²)	(D)
New Zealand	61	4	4	(²)	4	5	5	4	3	0	(D)	(²)	(D)
Philippines	82	2	24	19	5	1	37	3	(²)	1	(²)	(²)	14
Singapore	330	5	14	8	5	40	15	6	2	1	188	(D)	(D)
Taiwan	112	10	2	1	1	32	16	12	4	1	14	0	21
Thailand	43	2	3	(²)	3	7	18	3	(²)	1	(²)	0	9
Other	256	0	5	3	2	21	(D)	5	18	(²)	4	(²)	(D)
International organizations and unallocated	25	18	0	0	0	(²)	0	0	(²)	0	0	0	9
Addenda:													
European Union ⁶	6,127	345	626	236	391	1,492	405	491	203	63	577	136	1,789

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. Receipts for construction, architectural, and engineering services are published net of merchandise exports, which are included in merchandise trade in the U.S. international transactions accounts, and net of outlays abroad for wages, services, materials, and other expenses. In 2006, total receipts were \$5,468 million for construction, architectural, and engineering services. The components of the total are as follows: Construction services—receipts of \$477 million were derived as gross operating revenues of \$1,832 million less merchandise exports of \$254 million and foreign expenses of \$1,101 million. Architectural and engineering services—receipts of \$4,991 million were derived as gross operating revenues of \$7,487 million less a BEA estimate of \$2,496 million for merchandise exports and foreign expenses. Payments for construction, architectural, and engineering services are not published net of merchandise imports and outlays for wages and other expenses. Data are not collected for merchandise imports and wages and other expenses, and no estimates are made because they are believed to be small.

2. Data for this type of affiliated services are not separately available. However, these data are included in "other" affiliated related services and in total affiliated services.

3. Data for this type of affiliated services are not separately available. However, these data are included in total computer and information services and in total affiliated services.

4. Consists of affiliated services except for the following services that are shown in the adjacent columns: computer and information services; research, development and testing services; management, consulting, and public relations services; and operational leasing services.

5. See table 7.1, footnote 5. In 2006, mining services receipts were \$176 million. Receipts and payments for mining services are not published net of merchandise imports and outlays for wages and other expenses. Data are not collected for merchandise imports and wages and other expenses, and no estimates are made because they are believed to be small.

6. See table 2, footnote 1.

Table 8.1. Other Private Services by Affiliation of Transactors, 2004

[Millions of dollars]

	Receipts						Payments					
	Total	Affiliated		Unaffiliated Total	Addendum: Film and television tape rentals ¹	Total	Affiliated		Unaffiliated Total	Addendum: Film and television tape rentals ²		
		Total	By U.S. parents from their foreign affiliates				By U.S. affiliates from their foreign parents	Total			By U.S. parents to their foreign affiliates	By U.S. affiliates to their foreign parents
All countries	148,149	44,943	27,309	17,634	103,206	10,349	91,267	33,861	21,405	12,457	57,406	417
Canada	12,465	4,700	3,464	1,235	7,765	708	8,124	3,376	1,609	1,768	4,748	50
Europe	64,992	25,744	14,312	11,432	39,248	6,984	43,944	19,384	11,858	7,527	24,560	108
Belgium-Luxembourg	2,428	867	711	156	1,561	89	1,449	1,070	723	347	379	1
France	6,827	3,095	1,331	1,764	3,732	743	3,554	2,060	796	1,265	1,494	40
Germany	8,356	3,880	1,747	2,133	4,476	892	7,018	2,748	1,370	1,378	4,270	12
Italy	2,657	(D)	605	(D)	(D)	546	1,412	543	317	226	869	4
Netherlands	4,163	2,315	1,414	901	1,848	588	2,243	1,664	540	1,124	579	3
Norway	720	237	150	87	483	48	293	142	39	104	151	0
Spain	1,944	457	405	52	1,487	589	963	324	249	76	639	1
Sweden	2,110	1,256	171	1,085	854	156	718	308	130	177	410	0
Switzerland	3,948	2,371	1,088	1,283	1,577	43	4,500	988	337	651	3,512	1
United Kingdom	21,417	7,279	4,684	2,595	14,138	2,556	16,967	8,261	6,446	1,815	8,706	43
Other	10,421	(D)	2,005	(D)	(D)	732	4,829	1,276	911	365	3,553	3
Latin America and Other Western Hemisphere	26,021	2,999	2,555	444	23,022	708	23,148	2,699	1,856	842	20,449	27
South and Central America	14,771	1,942	1,756	186	12,829	694	4,513	1,248	808	441	3,265	18
Argentina	1,125	96	95	1	1,029	25	192	61	55	7	131	0
Brazil	1,854	314	290	24	1,540	171	592	198	171	27	394	5
Chile	448	34	31	3	414	24	135	13	12	1	122	0
Mexico	7,926	1,151	1,029	123	6,775	251	2,174	858	491	367	1,316	(D)
Venezuela	835	106	101	5	729	113	80	27	26	1	53	1
Other	2,582	240	210	30	2,342	109	1,340	91	52	39	1,249	(D)
Other Western Hemisphere	11,251	1,057	799	258	10,194	14	18,633	1,450	1,049	402	17,183	9
Bermuda	3,012	460	324	136	2,552	0	12,431	475	354	121	11,956	0
Other	8,237	597	475	122	7,640	14	6,200	975	694	281	5,225	9
Africa	3,949	(D)	770	(D)	(D)	116	1,478	(D)	365	(D)	(D)	0
South Africa	633	77	69	8	556	111	380	205	201	4	175	0
Other	3,316	(D)	701	(D)	(D)	5	1,097	(D)	164	(D)	(D)	0
Middle East	4,493	(D)	197	(D)	(D)	105	1,678	(D)	534	(D)	(D)	0
Israel	749	(D)	30	(D)	(D)	46	745	(D)	445	(D)	(D)	0
Saudi Arabia	1,211	(D)	24	(D)	(D)	30	130	(D)	0	(D)	(D)	0
Other	2,534	160	144	16	2,374	29	805	(D)	(D)	10	(D)	0
Asia and Pacific	34,187	10,177	6,010	4,167	24,010	1,725	12,862	7,383	5,183	2,200	5,479	231
Australia	2,931	907	793	114	2,024	400	1,612	777	690	88	835	(D)
China	3,605	510	421	89	3,095	34	684	358	303	55	326	0
Hong Kong	1,859	880	780	100	979	42	1,797	1,322	1,238	85	475	4
India	2,607	(D)	94	(D)	(D)	28	1,344	561	421	140	783	0
Indonesia	664	121	121	(*)	543	35	120	4	3	1	116	0
Japan	10,956	4,992	1,834	3,157	5,964	862	4,117	2,992	1,503	1,489	1,125	(D)
Korea, Republic of	2,837	274	245	29	2,563	81	453	129	93	36	324	0
Malaysia	660	239	221	18	421	11	230	172	167	5	58	0
New Zealand	398	34	31	3	364	75	155	20	20	1	135	0
Philippines	506	(D)	95	(D)	(D)	20	433	(D)	52	(D)	(D)	0
Singapore	2,440	(D)	945	(D)	(D)	41	985	761	554	207	224	0
Taiwan	1,745	321	258	63	1,424	65	395	132	115	16	263	0
Thailand	631	157	154	3	474	27	118	30	23	7	88	0
Other	2,349	19	18	1	2,330	5	418	(D)	1	(D)	(D)	0
International organizations and unallocated	2,044	0	0	0	2,044	2	34	0	0	0	34	0
Addenda:												
European Union ³	56,648	22,882	12,839	10,043	33,766	6,598	38,344	18,164	11,398	6,765	20,180	107

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. In "other services" in table 5.1, receipts for film and television tape rentals account for \$7,549 million of total unaffiliated receipts of \$15,295 million; receipts of U.S. parents account for \$2,800 million of total affiliated receipts of \$2,800 million, and their affiliates account for less than \$1 million.

2. In "other services" in table 5.1, payments for film and television tape rentals account for \$408 million of total unaffiliated payments of \$1,050 million; payments of U.S. parents account for \$9 million of total affiliated payments of \$9 million, and their affiliates account for less than \$1 million.

3. See table 2, footnote 1.

Table 8.2. Other Private Services by Affiliation of Transactors, 2005

[Millions of dollars]

	Receipts						Payments					
	Total	Affiliated			Unaffiliated	Addendum: Film and television tape rentals ¹	Total	Affiliated			Unaffiliated	Addendum: Film and television tape rentals ²
		Total	By U.S. parents from their foreign affiliates	By U.S. affiliates from their foreign parents				Total	Total	By U.S. parents to their foreign affiliates			By U.S. affiliates to their foreign parents	Total
All countries	164,301	50,108	29,850	20,259	114,193	10,129	99,927	39,847	22,977	16,870	60,080	931
Canada	14,478	5,606	3,626	1,980	8,872	697	9,664	(D)	1,770	(D)	(D)	(D)
Europe	70,297	27,380	15,617	11,762	42,917	6,861	49,444	20,731	12,564	8,168	28,713	126
Belgium-Luxembourg.....	2,683	950	774	177	1,733	81	1,593	1,136	933	204	457	1
France.....	6,199	2,498	1,541	958	3,701	626	3,740	2,028	837	1,191	1,712	17
Germany.....	9,015	4,496	1,896	2,600	4,519	993	6,729	2,710	1,297	1,413	4,019	7
Italy.....	3,110	725	572	153	2,385	532	1,723	755	392	364	968	9
Netherlands.....	4,546	2,317	1,586	730	2,229	634	2,170	1,466	582	885	704	4
Norway.....	859	282	142	140	577	56	322	167	64	103	155	0
Spain.....	2,338	626	408	218	1,712	447	1,046	337	233	104	709	3
Sweden.....	2,072	(D)	162	(D)	113	113	739	307	137	170	432	0
Switzerland.....	4,532	2,535	1,166	1,369	1,997	39	6,671	1,147	345	802	5,524	0
United Kingdom.....	22,846	8,018	5,192	2,827	14,828	2,662	18,169	9,120	6,708	2,412	9,049	74
Other.....	12,097	(D)	2,178	(D)	(D)	679	6,540	1,557	1,036	521	4,983	10
Latin America and Other Western Hemisphere	29,062	4,454	3,035	1,419	24,608	727	20,275	2,804	1,808	997	17,471	99
South and Central America.....	17,383	3,110	2,012	1,098	14,273	715	5,104	1,493	909	584	3,611	90
Argentina.....	827	113	113	(*)	714	36	237	(D)	58	(D)	(D)	(D)
Brazil.....	2,446	388	339	49	2,058	244	734	227	205	21	507	41
Chile.....	509	27	24	3	482	27	154	16	15	1	138	0
Mexico.....	9,718	2,183	1,166	1,017	7,535	247	2,433	997	519	478	1,436	4
Venezuela.....	980	130	126	4	850	77	129	37	34	3	92	(D)
Other.....	2,904	270	245	25	2,634	83	1,418	(D)	74	(D)	10	2
Other Western Hemisphere.....	11,680	1,344	1,023	321	10,336	12	15,170	1,311	899	412	13,859	9
Bermuda.....	3,129	545	364	181	2,584	0	10,781	381	211	170	10,400	0
Other.....	8,551	798	659	140	7,753	12	4,390	930	688	242	3,460	9
Africa	5,058	876	859	17	4,182	99	1,585	(D)	340	(D)	(D)	4
South Africa.....	690	71	66	6	619	89	412	222	218	4	190	0
Other.....	4,367	804	794	11	3,563	9	1,173	(D)	122	(D)	(D)	4
Middle East	5,491	(D)	298	(D)	(D)	96	1,917	720	629	92	1,197	2
Israel.....	778	(D)	33	(D)	(D)	37	885	649	563	87	236	0
Saudi Arabia.....	1,334	(D)	27	(D)	(D)	22	149	6	6	0	143	0
Other.....	3,379	(D)	238	(D)	(D)	37	884	65	60	5	819	2
Asia and Pacific	37,928	(D)	6,414	(D)	(D)	1,648	17,014	10,664	5,866	4,798	6,350	(D)
Australia.....	3,210	874	767	106	2,336	395	2,065	793	706	87	1,272	(D)
China.....	4,514	616	525	91	3,898	50	891	496	444	52	395	1
Hong Kong.....	2,353	923	835	88	1,430	44	1,788	1,446	1,328	118	342	1
India.....	3,022	(D)	119	(D)	(D)	20	3,016	2,108	635	1,473	908	0
Indonesia.....	677	127	125	2	550	29	140	7	6	(*)	133	0
Japan.....	12,446	5,529	2,035	3,494	6,917	838	4,856	3,563	1,530	2,033	1,293	35
Korea, Republic of.....	3,232	323	287	36	2,909	65	587	212	115	97	375	4
Malaysia.....	714	(D)	196	(D)	(D)	10	291	216	211	6	75	0
New Zealand.....	440	59	57	2	381	60	162	29	28	1	133	(D)
Philippines.....	570	109	94	15	461	20	463	(D)	73	(D)	(D)	0
Singapore.....	2,338	1,271	960	310	1,067	36	1,750	1,421	606	815	329	1
Taiwan.....	1,890	300	246	55	1,590	50	439	166	153	14	273	0
Thailand.....	890	(D)	140	(D)	(D)	23	149	40	30	10	109	1
Other.....	1,633	32	27	5	1,601	8	414	(D)	3	(D)	(D)	1
International organizations and unallocated	1,988	0	0	0	1,988	0	28	0	0	0	28	0
Addenda:												
European Union ³	60,898	24,300	14,067	10,233	36,598	6,488	41,594	19,306	12,052	7,253	22,288	123

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. In "other services" in table 5.2, receipts for film and television tape rentals account for \$7,037 million of total unaffiliated receipts of \$14,187 million; receipts of U.S. parents account for \$3,091 million of total affiliated receipts of \$3,092 million, and their affiliates account for \$1 million.

2. In "other services" in table 5.2, payments for film and television tape rentals account for \$925 million of total unaffiliated payments of \$1,508 million; payments of U.S. parents account for \$2 million of total affiliated payments of \$6 million, and their affiliates account for \$4 million.

3. See table 2, footnote 1.

Table 8.3. Other Private Services by Affiliation of Transactors, 2006

[Millions of dollars]

	Receipts						Payments					
	Total	Affiliated			Unaffiliated	Addendum: Film and television tape rentals ¹	Total	Affiliated			Unaffiliated	Addendum: Film and television tape rentals ²
		Total	By U.S. parents from their foreign affiliates	By U.S. affiliates from their foreign parents				Total	Total	By U.S. parents to their foreign affiliates			By U.S. affiliates to their foreign parents	Total
All countries	187,771	57,638	32,551	25,088	130,133	11,078	116,524	48,201	26,026	22,175	68,323	845
Canada	17,611	6,584	4,002	2,582	11,027	1,073	10,265	5,073	2,135	2,939	5,192	82
Europe	80,399	31,648	16,646	15,002	48,751	7,045	59,201	25,752	14,129	11,622	33,449	159
Belgium-Luxembourg.....	3,020	1,010	795	215	2,010	127	1,873	1,332	1,142	190	541	1
France.....	7,740	3,563	1,488	2,075	4,177	681	5,190	3,134	1,056	2,079	2,056	15
Germany.....	9,496	4,499	1,996	2,503	4,997	992	8,167	3,430	1,421	2,009	4,737	13
Italy.....	3,421	784	657	127	2,637	618	1,827	818	438	380	1,009	6
Netherlands.....	5,151	2,590	1,625	965	2,561	694	2,667	1,775	584	1,190	892	8
Norway.....	1,010	323	132	191	687	98	378	231	42	190	147	0
Spain.....	3,096	767	475	292	2,329	572	1,142	441	314	127	701	2
Sweden.....	2,574	(D)	174	(D)	156	156	1,059	641	147	493	418	0
Switzerland.....	5,267	2,870	1,293	1,577	2,397	69	7,803	1,612	368	1,244	6,191	1
United Kingdom.....	25,561	9,694	5,511	4,183	15,867	2,062	20,207	10,382	7,438	2,944	9,825	100
Other.....	14,063	(D)	2,500	(D)	(D)	977	8,889	1,957	1,179	778	6,932	12
Latin America and Other Western Hemisphere	32,596	4,989	3,264	1,725	27,607	934	23,782	3,567	2,119	1,448	20,215	(D)
South and Central America.....	19,302	3,324	2,246	1,078	15,978	915	6,026	2,114	1,088	1,026	3,912	(D)
Argentina.....	1,014	149	146	3	865	34	292	(D)	5	(D)	(D)	(D)
Brazil.....	3,205	510	435	75	2,695	349	1,354	(D)	257	(D)	(D)	(D)
Chile.....	590	34	27	8	556	28	148	19	15	4	129	4
Mexico.....	10,208	2,187	1,211	976	8,021	302	2,657	1,187	668	518	1,470	(D)
Venezuela.....	1,142	144	137	6	998	100	140	33	31	2	107	(D)
Other.....	3,140	299	289	10	2,841	103	1,434	124	58	66	1,310	3
Other Western Hemisphere.....	13,294	1,665	1,018	647	11,629	19	17,757	1,454	1,032	422	16,303	4
Bermuda.....	4,083	829	378	451	3,254	0	13,331	476	285	191	12,855	0
Other.....	9,211	836	640	196	8,375	18	4,424	977	747	231	3,447	4
Africa	5,438	(D)	967	(D)	(D)	132	1,794	(D)	438	(D)	(D)	3
South Africa.....	773	(D)	75	(D)	(D)	116	443	219	217	2	224	0
Other.....	4,665	(D)	892	(D)	(D)	16	1,352	(D)	221	(D)	(D)	3
Middle East	6,488	(D)	400	(D)	(D)	116	1,910	(D)	688	(D)	1,148	0
Israel.....	919	60	43	17	859	40	873	(D)	611	(D)	193	0
Saudi Arabia.....	1,414	(D)	36	(D)	(D)	22	168	5	5	0	163	0
Other.....	4,156	(D)	321	(D)	(D)	54	868	77	71	6	791	0
Asia and Pacific	42,804	(D)	7,272	(D)	(D)	1,779	19,533	12,498	6,517	5,980	7,035	(D)
Australia.....	4,436	1,014	902	112	3,422	501	2,057	960	820	140	1,097	(D)
China.....	4,967	826	703	122	4,141	30	1,141	575	522	54	566	4
Hong Kong.....	2,832	1,185	1,073	112	1,647	48	1,931	1,517	1,366	151	414	1
India.....	3,375	301	175	126	3,074	24	3,838	2,759	747	2,011	1,079	1
Indonesia.....	722	151	149	1	571	34	126	17	17	(*)	109	0
Japan.....	13,349	6,235	2,101	4,134	7,114	727	5,611	4,284	1,537	2,747	1,327	32
Korea, Republic of.....	3,776	342	308	34	3,434	111	704	254	143	111	450	0
Malaysia.....	789	(D)	232	(D)	(D)	16	400	304	283	21	96	0
New Zealand.....	483	60	59	1	423	92	153	33	32	1	120	7
Philippines.....	749	137	124	13	612	27	629	(D)	108	(D)	(D)	3
Singapore.....	2,463	1,152	963	189	1,311	44	1,745	1,273	669	605	472	1
Taiwan.....	2,242	321	268	53	1,921	67	561	272	249	23	289	0
Thailand.....	862	(D)	168	(D)	(D)	37	156	32	22	9	124	2
Other.....	1,758	47	46	(*)	1,711	19	480	(D)	2	(D)	(D)	0
International organizations and unallocated	2,434	0	0	0	2,434	0	38	0	0	0	38	5
Addenda:												
European Union ³	69,273	28,052	14,839	13,213	41,221	6,509	50,046	23,772	13,610	10,163	26,274	154

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. In "other services" in table 5.3, receipts for film and television tape rentals account for \$7,961 million of total unaffiliated receipts of \$15,515 million; receipts of U.S. parents account for \$3,115 million of total affiliated receipts of \$3,117 million, and their affiliates account for \$3 million.

2. In "other services" in table 5.3, payments for film and television tape rentals account for \$830 million of total unaffiliated payments of \$1,441 million; payments of U.S. parents account for \$12 million of total affiliated payments of \$15 million, and their affiliates account for \$3 million.

3. See table 2, footnote 1.

Table 9. Sales of Services to Foreign Persons by U.S. MNCs Through Their Nonbank MOFAs and to U.S. Persons by Foreign MNCs Through Their Nonbank MOUSAs, by Country, 1998–2005
(Millions of dollars)

Country ¹	Sales by MOFAs to foreign persons ²								Sales by MOUSAs to U.S. persons ³							
	1998	1999	2000	2001	2002	2003	2004	2005	1998	1999	2000	2001	2002	2003	2004	2005
All countries	286,066	353,207	413,470	421,714	423,508	452,496	483,022	528,481	245,472	293,485	344,389	367,557	367,614	374,119	381,960	389,030
Canada	25,698	34,741	52,833	50,298	40,690	42,665	46,590	55,747	41,871	47,438	50,209	46,656	40,316	38,771	36,389	40,059
Europe	165,170	198,673	213,763	225,992	228,570	242,157	258,194	275,920	150,093	187,596	233,499	250,885	256,383	257,554	254,673	260,454
Belgium.....	4,552	4,781	5,582	5,118	4,783	6,303	7,013	7,125	262	850	1,237	1,006	1,018	1,217	1,367	1,004
France.....	17,704	19,641	19,703	20,178	23,335	26,250	29,411	30,272	18,456	21,436	30,113	41,815	43,062	49,438	50,495	50,850
Germany.....	20,105	29,732	24,623	24,172	25,161	26,672	29,466	32,255	27,396	29,467	41,956	42,224	45,968	47,132	54,835	54,637
Italy.....	7,455	(D)	7,470	8,250	9,265	11,899	14,081	16,120	818	1,926	2,169	2,157	2,506	2,252	2,550	2,731
Netherlands.....	13,504	13,466	11,497	13,953	12,951	15,816	18,156	19,076	21,210	32,759	39,751	50,677	44,514	37,640	29,825	29,865
Norway.....	2,152	2,366	2,003	2,460	(D)	2,546	2,997	2,979	1,755	5,348	1,314	1,020	1,175	962	485	617
Spain.....	3,302	4,176	4,802	5,542	6,041	7,467	8,559	9,099	333	346	(D)	920	1,283	1,130	1,185	1,364
Sweden.....	(D)	(D)	(D)	3,659	9,722	11,360	5,484	6,096	2,892	4,496	7,449	7,579	8,380	7,712	8,020	7,148
Switzerland.....	4,861	4,981	4,953	5,412	15,246	8,458	9,608	10,845	20,540	23,105	33,114	32,483	33,108	34,505	34,895	34,017
United Kingdom.....	78,849	94,158	113,379	120,241	101,478	103,224	106,322	111,387	54,944	65,683	71,608	66,101	67,168	66,602	61,535	67,969
Other.....	(D)	13,280	(D)	17,007	(D)	22,159	27,098	30,668	1,488	2,179	(D)	4,905	8,200	8,963	9,482	10,252
Latin America and Other Western Hemisphere	32,534	41,551	50,462	53,035	52,288	55,939	55,567	60,233	8,000	12,567	13,876	26,866	31,212	30,941	36,930	38,793
South and Central America.....	23,248	28,861	35,139	37,755	35,925	36,762	34,513	36,605	1,160	1,043	1,193	1,833	2,062	2,060	2,276	2,757
Argentina.....	(D)	4,793	5,801	6,283	3,521	2,984	2,904	2,888	5	5	6	5	(D)	(D)	8	25
Brazil.....	10,387	10,001	12,888	12,097	12,596	12,197	10,449	10,723	119	109	205	332	369	385	476	540
Chile.....	1,830	2,235	3,093	2,908	2,263	2,950	3,325	4,334	26	173	32	30	(D)	2	(D)	(D)
Mexico.....	3,014	5,326	(D)	8,715	9,744	9,415	11,411	543	354	500	871	968	1,268	1,242	1,721	1,721
Venezuela.....	2,895	3,220	3,598	4,730	4,405	(D)	3,534	3,237	187	(D)	283	308	201	114	159	153
Other.....	(D)	3,286	(D)	4,426	4,887	4,011	280	(D)	167	287	483	(D)	(D)	(D)	(D)	(D)
Other Western Hemisphere.....	9,286	12,690	15,323	15,280	16,363	19,176	21,053	23,628	6,840	11,524	12,683	25,033	29,151	28,881	34,654	36,035
Bermuda.....	6,594	7,471	7,929	7,493	7,882	10,253	12,616	15,266	3,060	5,976	6,391	15,879	18,732	18,842	23,706	22,561
Other.....	2,692	5,219	7,394	7,787	8,481	8,924	8,438	8,363	3,781	5,548	6,292	9,154	10,419	10,039	10,948	13,474
Africa, Middle East, and Asia and Pacific	60,169	78,242	96,412	92,388	101,961	111,736	122,671	136,581	42,807	(D)	(D)	(D)	36,974	44,017	49,347	44,534
Africa.....	(D)	2,536	2,978	3,177	3,405	4,103	5,071	5,995	923	(D)	(D)	(D)	487	276	276	308
South Africa.....	1,131	(D)	(D)	1,146	1,077	1,400	1,966	2,505	(D)	(D)	(D)	(D)	435	213	(D)	(D)
Other.....	(D)	(D)	(D)	2,030	2,327	2,702	3,106	3,490	(D)	(D)	(D)	(D)	52	63	(D)	(D)
Middle East.....	(D)	4,391	3,745	2,569	2,365	2,400	3,101	3,568	2,260	2,202	2,305	2,090	2,353	2,366	2,481	3,106
Israel.....	(D)	671	805	(D)	604	(D)	844	1,023	251	236	269	293	169	304	556	474
Saudi Arabia.....	(D)	(D)	(D)	(D)	813	568	454	532	483	650	612	643	(D)	572	408	454
Other.....	803	(D)	(D)	771	948	(D)	1,804	2,012	1,526	1,315	1,424	1,155	(D)	1,490	1,516	2,179
Asia and Pacific.....	55,347	71,315	89,689	86,643	96,191	105,233	114,498	127,017	39,623	40,810	42,184	38,892	34,134	41,375	46,590	41,120
Australia.....	11,381	14,699	15,326	14,615	15,029	17,669	17,745	18,714	9,046	8,062	9,208	10,497	10,252	11,057	12,930	4,914
China.....	828	(D)	2,166	2,627	3,456	3,800	4,668	5,534	64	73	80	147	321	(D)	(D)	324
Hong Kong.....	6,774	8,065	9,693	7,971	7,562	8,081	9,177	11,013	1,546	1,424	1,295	1,270	1,259	1,245	1,375	1,671
India.....	341	506	948	954	1,136	1,232	2,228	2,796	133	175	196	321	275	1,396	1,820	2,436
Indonesia.....	(D)	(D)	714	778	(D)	1,089	1,050	1,125	96	78	91	94	17	28	20	23
Japan.....	23,095	26,425	35,399	35,267	42,400	44,386	48,373	53,507	26,177	28,729	28,688	23,576	19,575	24,514	27,211	28,404
Korea, Republic of.....	996	1,701	2,256	2,615	3,160	3,983	4,465	5,481	322	374	391	393	256	232	376	420
Malaysia.....	1,034	1,597	(D)	1,726	1,562	1,438	1,423	1,510	292	(D)	(D)	(D)	(D)	(D)	(D)	(D)
New Zealand.....	869	(D)	(D)	(D)	(D)	1,869	1,783	1,956	51	23	25	36	16	(D)	2	3
Philippines.....	602	(D)	1,039	1,197	(D)	(D)	1,872	1,850	11	23	19	18	16	19	17	18
Singapore.....	3,166	4,608	5,498	5,672	5,393	6,468	6,585	7,258	1,038	879	1,077	1,428	1,377	1,702	1,687	2,054
Taiwan.....	4,190	(D)	(D)	8,264	(D)	9,538	10,465	11,160	636	582	723	756	428	457	473	439
Thailand.....	(D)	1,475	2,340	(D)	2,401	2,610	3,193	3,324	(*)	(*)	(*)	(*)	2	3	3	3
Other.....	464	(D)	(D)	1,101	(D)	(D)	1,470	1,787	213	(D)	(D)	(D)	(D)	103	108	(D)
International ⁴	2,495															
United States ⁵									2,701	(D)	(D)	(D)	2,728	2,836	4,621	5,191
Addenda:																
European Union ⁶	156,068	187,730	202,338	213,159	205,699	225,388	243,167	259,426	127,698	159,017	198,912	217,226	221,997	220,807	219,081	225,543

* More than zero and less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. For MOFAs, "country" is the country of the affiliate; for MOUSAs, it is the country of the affiliate's ultimate beneficial owner.

2. Beginning in 2004, sales by foreign affiliates are classified as goods or services based on their tangible or intangible nature. In cases where a sale consists of both tangible goods and intangible services that cannot be unbundled, sales are classified based on whichever accounts for the majority of value. In previous years, sales were classified as goods or services based on the industry of sales. For 1999–2003, sales were classified as services based on industry codes derived from the North American Industry Classification System (NAICS); the estimates for prior years were based on codes derived from the 1987 Standard Industrial Classification System (SIC). The change from the use of SIC to NAICS-based codes resulted in a redefinition of sales of services by affiliates, which resulted in a net shift of sales from goods to services. See the box "Changes in the Definition and Classification of Sales of Services by Foreign Affiliates" in the November 2001 Survey, page 58, available at <www.bea.gov>.

3. Beginning in 2002, sales by U.S. affiliates are classified as goods or services based on their tangible or intangible nature. In cases where a sale consists of both tangible goods and intangible services that cannot be unbundled, sales are classified based on whichever accounts for the majority of value. In previous years, sales were classified as goods or services based on the industry of sales. For 1997–2001, sales by U.S. affiliates were classified as goods or services based on industry codes derived from the North American Industry Classification System (NAICS); the estimates for prior years were based on codes derived from the 1987 Standard Industrial Classification System (SIC). The change from SIC

to NAICS-based codes resulted in a redefinition of sales of services by affiliates, which resulted in a net shift of sales from goods to services. See the box "Changes in the Definition and Classification of Sales of Services by U.S. Affiliates" in the October 1999 Survey, page 61, available at <www.bea.gov>.

4. Foreign affiliates classified in "international" are those that have operations in more than one country and that are engaged in petroleum shipping, other water transportation, or operating movable oil- and gas-drilling equipment. Beginning with the estimates for 1999, BEA no longer uses the "international" category in tabulations of direct investment estimates. This change was made to conform to international guidelines for the compilation of international transactions and direct investment statistics set forth by the International Monetary Fund's Balance of Payments Manual, 5th ed. In accordance with the guidelines, affiliates formerly classified in "international" were reclassified in the country of operator of the ship or equipment. In most cases the country of the operator is the same as the country of incorporation. In the few cases where the country of the operator is the United States, the affiliates were defined out of BEA's direct investment estimates.

5. Contains data for U.S. affiliates that have a foreign parent but whose ultimate beneficial owner is a U.S. person.

6. The European Union comprises Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, the Netherlands, Portugal, Spain, Sweden, and the United Kingdom; beginning in 2004, it also includes Cyprus, the Czech Republic, Estonia, Hungary, Latvia, Lithuania, Malta, Poland, Slovakia, and Slovenia.

MNCs Multinational companies
MOFAs Majority-owned foreign affiliates
MOUSAs Majority-owned U.S. affiliates

Table 10.1. Sales of Services to Foreign Persons by U.S. MNCs Through Their Nonbank MOFAs, Industry of Affiliate by Country of Affiliate, 2004

[Millions of dollars]

	All countries	Canada	Europe						Latin America and Other Western Hemisphere	Other countries		
			Total	Of which:						Total	Of which:	
				France	Germany	Netherlands	Switzerland	United Kingdom			Australia	Japan
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
All industries	483,022	46,590	258,194	29,411	29,466	18,156	9,608	106,322	55,567	122,671	17,745	48,373
Manufacturing	12,423	(D)	6,152	1,813	913	555	10	1,536	955	(D)	220	461
<i>Of which:</i>												
Food.....	(D)	0	(D)	0	0	(D)	0	107	292	4	4	0
Chemicals.....	365	8	329	132	25	0	1	154	9	20	18	(D)
Primary and fabricated metals.....	178	40	84	0	0	39	2	43	49	5	0	1
Machinery.....	4,947	245	3,675	953	712	(D)	0	864	91	937	186	(D)
Computers and electronic products.....	4,432	2,238	1,202	584	97	119	7	187	416	575	12	48
Electrical equipment, appliances, and components.....	55	0	29	6	0	0	0	2	5	21	0	0
Transportation equipment.....	1,241	1,125	84	14	19	0	0	44	27	6	0	0
Wholesale trade	21,929	1,064	15,588	3,101	4,212	853	2,182	2,222	1,838	3,439	427	419
<i>Of which:</i>												
Motor vehicles and motor vehicle parts and supplies.....	246	(D)	(D)	0	0	0	0	0	4	(D)	(D)	0
Professional and commercial equipment and supplies.....	17,721	502	12,886	2,972	4,020	624	(D)	1,878	1,644	2,688	170	358
Retail trade	1,135	366	625	0	4	0	0	515	(D)	(D)	0	0
Information	77,510	3,339	51,599	(D)	4,527	5,121	1,502	20,198	9,429	13,143	3,068	5,951
Publishing industries.....	16,464	1,006	11,345	(D)	1,446	883	137	(D)	421	3,691	502	(D)
Newspaper, periodical, book, and database publishers.....	6,585	520	5,350	(D)	657	123	43	(D)	158	558	221	(D)
Software publishers.....	9,879	486	5,995	458	789	759	94	1,820	263	3,134	281	1,661
Motion picture and sound recording industries.....	(D)	641	6,280	1,083	519	1,564	(D)	1,583	530	(D)	699	1,288
Motion picture and video industries.....	8,442	(D)	5,851	(D)	(D)	(D)	(D)	(D)	453	(D)	(D)	(D)
Sound recording industries.....	(D)	(D)	429	(D)	(D)	(D)	(D)	(D)	78	(D)	(D)	(D)
Telecommunications.....	24,623	511	13,744	(D)	(D)	1,386	(D)	5,988	6,984	3,384	(D)	(D)
Wired telecommunications carriers.....	12,181	(D)	7,984	(D)	(D)	(D)	(D)	4,965	2,651	(D)	(D)	(D)
Wireless telecommunications carriers (except satellite).....	6,713	(*)	2,700	136	65	32	0	524	3,941	72	0	8
Other telecommunications.....	5,728	(D)	3,060	(D)	191	(D)	2	499	392	(D)	(D)	(D)
Broadcasting (except internet).....	4,513	4	3,652	(D)	(D)	293	0	941	315	542	(D)	(D)
Internet service providers, web search portals, data processing services, internet publishing and broadcasting, and other information services.....	(D)	1,177	16,577	1,101	1,388	995	1,147	(D)	1,179	(D)	1,225	(D)
Finance (except depository institutions) and insurance	122,750	8,857	47,146	2,349	4,420	1,268	623	31,402	17,631	49,116	2,684	26,447
Finance (except depository institutions).....	35,318	2,224	21,314	733	647	652	(D)	16,756	2,800	8,980	1,338	5,297
Nondepository credit intermediation and related services.....	(D)	(D)	6,357	631	540	538	91	3,136	974	2,412	1,174	(D)
Securities, commodity contracts, and other intermediation and related activities.....	(D)	593	14,946	102	107	114	(D)	13,617	(D)	6,423	165	4,982
Funds, trusts, and other financial vehicles.....	492	(D)	11	0	0	0	0	3	(D)	144	0	(D)
Insurance carriers and related activities.....	87,432	6,633	25,832	1,616	3,773	616	(D)	14,646	14,831	40,136	1,345	21,150
Insurance carriers, except life insurance carriers.....	45,874	5,287	16,796	919	3,364	(D)	(D)	9,445	12,400	11,391	1,154	(D)
Life insurance carriers.....	34,831	815	3,783	(D)	3	0	(D)	1,888	1,852	28,380	(D)	12,337
Agencies, brokerages, and other insurance related activities.....	6,727	531	5,253	(D)	406	(D)	(D)	3,314	579	365	(D)	(D)
Real estate and rental and leasing	18,497	2,188	13,013	2,555	1,521	2,316	292	2,531	(D)	(D)	762	940
Real estate.....	4,819	182	4,125	1,328	231	30	(D)	1,068	52	460	(D)	(D)
Rental and leasing (except real estate).....	13,678	2,006	8,888	1,227	1,289	2,286	(D)	1,463	(D)	(D)	(D)	(D)
Professional, scientific, and technical services	84,893	3,708	55,666	3,960	(D)	3,648	3,257	21,604	3,983	21,535	3,961	11,675
Architectural, engineering, and related services.....	9,505	786	(D)	163	145	(D)	(D)	4,761	624	(D)	221	173
Computer systems design and related services.....	43,914	999	(D)	1,197	(D)	(D)	(D)	(D)	1,311	(D)	(D)	10,539
Management, scientific, and technical consulting.....	11,322	752	7,733	616	1,490	530	1,070	2,351	1,408	1,429	529	333
Other.....	20,152	1,172	(D)	1,984	2,042	618	1,528	(D)	639	(D)	(D)	630
Legal services.....	2,287	5	(D)	313	314	(D)	(D)	779	(D)	454	24	(D)
Accounting, tax preparation, bookkeeping, and payroll services.....	752	270	407	(D)	6	0	0	240	38	36	(D)	(D)
Specialized design services.....	(D)	0	6	0	0	0	0	6	0	(D)	(D)	0
Scientific research and development services.....	2,803	(D)	2,181	69	195	57	(D)	1,227	(D)	417	59	(D)
Advertising and related services.....	10,137	472	8,358	1,469	1,189	516	289	2,759	394	913	199	184
Other professional, scientific, and technical services.....	(D)	(D)	3,257	(D)	337	(D)	(D)	(D)	137	497	66	43
Other industries	143,884	(D)	68,406	(D)	(D)	4,395	1,742	26,313	(D)	31,600	6,624	2,481
Agriculture, forestry, fishing, and hunting.....	239	3	49	(D)	0	(D)	0	3	19	168	0	1
Mining.....	12,576	1,581	3,673	(D)	(D)	515	(D)	1,578	3,645	3,676	331	8
Utilities.....	31,647	(D)	8,120	2	(D)	66	0	5,211	8,178	(D)	(D)	0
Construction ¹	750	(D)	0	0	0	0	0	0	0	(D)	574	0
Transportation and warehousing.....	32,784	4,109	(D)	1,009	2,637	1,597	312	5,457	4,737	(D)	845	756
<i>Of which:</i>												
Air transportation.....	2,654	149	1,034	(D)	139	(D)	80	383	93	1,377	(D)	(D)
Rail transportation.....	1,964	321	(D)	0	0	0	0	(D)	105	(D)	(D)	0
Water transportation.....	7,692	(D)	(D)	0	0	(D)	0	1,389	3,280	(D)	(D)	0
Truck transportation.....	1,165	719	422	0	(D)	0	0	(D)	7	17	0	4
Support activities for transportation.....	5,875	443	2,624	341	(D)	417	(D)	718	521	2,286	(D)	(D)
Management of companies and enterprises.....	2,645	35	2,162	261	76	(D)	(D)	547	230	219	(D)	(D)
Administration, support, and waste management.....	(D)	2,005	(D)	8,009	1,178	1,828	305	6,377	1,057	5,029	1,910	1,205
Administrative and support services.....	29,320	(D)	22,236	(D)	(D)	(D)	305	(D)	4,899	(D)	(D)	1,205
<i>Of which:</i>												
Employment services.....	16,267	595	12,871	(D)	456	(D)	(D)	3,589	568	2,234	(D)	(D)
Travel arrangement and reservation services.....	1,378	8	1,293	(D)	(D)	(D)	0	(D)	40	37	(D)	(D)
Waste management and remediation services.....	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	131	(D)	(D)	0
Health care and social assistance.....	1,400	(D)	1,217	(D)	0	0	(D)	920	(D)	(D)	0	0
Accommodations and food services.....	23,687	3,969	12,224	1,436	1,923	94	(D)	4,706	1,857	5,638	1,574	(D)
Accommodations.....	(D)	563	3,539	(D)	(D)	(D)	(D)	1,183	(D)	(D)	298	(D)
Food services and drinking places.....	(D)	3,405	8,685	(D)	(D)	(D)	(D)	3,523	(D)	(D)	1,276	0
Miscellaneous services.....	(D)	1,444	(D)	676	400	243	120	1,515	(D)	1,328	(D)	(D)
Educational services.....	(D)	84	746	(D)	(D)	(D)	(D)	239	(D)	157	3	(D)
Arts, entertainment, and recreation.....	2,088	364	(D)	(D)	(D)	(D)	(D)	671	(D)	296	(D)	(D)
Other services (except public administration and private households).....	3,962	996	1,891	574	259	102	46	604	200	875	164	(D)

* More than zero and less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. Because sales resulting from construction are recorded as goods rather than sales of services, the sales of services through MOFAs represent sales in secondary, nonconstruction industries. In 2004, sales of goods to foreign

residents through MOFAs classified in construction were \$10.7 billion.

MNCs Multinational companies

MOFAs Majority-owned foreign affiliates

Table 10.2. Sales of Services to Foreign Persons by U.S. MNCs Through Their Nonbank MOFAs, Industry of Affiliate by Country of Affiliate, 2005

(Millions of dollars)

	All countries	Canada	Europe						Latin America and Other Western Hemisphere	Other countries		
			Total	Of which:						Total	Of which:	
				France	Germany	Netherlands	Switzerland	United Kingdom			Australia	Japan
All industries	528,481	55,747	275,920	30,272	32,255	19,076	10,845	111,387	60,233	136,581	18,714	53,507
Manufacturing	10,925	1,990	5,918	1,957	805	473	10	1,353	1,184	1,834	239	489
<i>Of which:</i>												
Food.....	480	0	139	0	0	(D)	0	113	(D)	(D)	4	0
Chemicals.....	393	8	353	142	22	0	(D)	162	10	21	19	1
Primary and fabricated metals.....	127	0	84	0	0	41	2	41	37	6	0	1
Machinery.....	4,879	(D)	3,390	954	564	115	0	741	231	(D)	198	(D)
Computers and electronic products.....	2,693	321	1,206	(D)	116	32	7	100	462	704	17	80
Electrical equipment, appliances, and components.....	72	0	(D)	(D)	0	0	0	2	5	(D)	0	0
Transportation equipment.....	(D)	(D)	66	0	20	0	(D)	39	(D)	6	0	0
Wholesale trade	(D)	1,508	16,920	2,608	4,090	923	3,901	2,291	1,045	(D)	731	449
<i>Of which:</i>												
Motor vehicles and motor vehicle parts and supplies.....	(D)	(D)	(*)	0	0	0	0	0	(D)	(D)	(D)	0
Professional and commercial equipment and supplies.....	(D)	578	12,166	2,464	3,836	678	892	1,720	798	(D)	231	390
Retail trade	1,620	408	1,044	0	5	0	0	917	(D)	(D)	0	0
Information	(D)	3,626	54,864	4,442	4,508	5,588	(D)	21,061	7,165	(D)	3,326	(D)
Publishing industries.....	17,612	1,092	12,256	867	1,536	(D)	(D)	5,360	571	3,693	(D)	(D)
Newspaper, periodical, book, and database publishers.....	6,846	(D)	(D)	373	691	(D)	(D)	186	550	(D)	(D)	(D)
Software publishers.....	10,766	(D)	(D)	494	846	815	89	(D)	385	3,143	303	1,514
Motion picture and sound recording industries.....	(D)	752	7,128	1,215	612	2,005	(D)	1,723	638	(D)	763	1,305
Motion picture and video industries.....	9,363	652	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	635	(D)
Sound recording industries.....	21,483	99	(D)	(D)	(D)	(D)	(D)	(D)	766	128	(D)	(D)
Telecommunications.....	11,172	236	8,003	553	(D)	(D)	1,444	(D)	5,822	(D)	(D)	(D)
Wired telecommunications carriers.....	4,168	(*)	1,985	145	(D)	(D)	0	(D)	2,120	63	0	(D)
Wireless telecommunications carriers (except satellite).....	6,143	319	3,229	202	(D)	(D)	2	(D)	(D)	(D)	(D)	(D)
Other telecommunications.....	5,518	4	4,258	(D)	(D)	(D)	0	993	(D)	(D)	(D)	(D)
Broadcasting (except internet).....	(D)	1,224	18,007	1,215	1,392	(D)	(D)	7,163	1,346	(D)	(D)	678
Internet service providers, web search portals, data processing services, internet publishing and broadcasting, and other information services.....	137,349	9,288	50,672	2,663	4,403	1,477	738	33,525	20,088	57,302	3,024	31,583
Finance (except depository institutions) and insurance.....	42,912	2,872	24,785	817	765	856	(D)	19,069	3,192	12,063	1,392	7,163
Finance (except depository institutions).....	(D)	(D)	(D)	(D)	560	721	(D)	3,265	1,442	(D)	1,200	(D)
Nondepository credit intermediation and related services.....	(D)	1,128	(D)	(D)	206	135	(D)	15,800	1,503	9,121	192	6,703
Securities, commodity contracts, and other intermediation and related activities.....	580	(D)	12	0	0	0	0	3	247	(D)	0	(D)
Funds, trusts, and other financial vehicles.....	94,438	6,416	25,886	1,847	3,638	620	(D)	14,457	16,896	45,239	1,632	24,420
Insurance carriers and related activities.....	49,422	5,049	17,019	(D)	3,210	(D)	(D)	9,430	13,803	13,551	(D)	(D)
Insurance carriers, except life insurance carriers.....	38,301	777	3,855	(D)	3	0	(D)	2,020	2,640	31,029	(D)	13,648
Life insurance carriers.....	6,715	590	5,012	(D)	424	(D)	(D)	3,007	452	659	(D)	(D)
Agencies, brokerages, and other insurance related activities.....	20,842	2,484	13,386	2,232	1,160	2,292	320	2,948	2,527	2,446	846	1,076
Real estate and rental and leasing.....	4,859	201	4,058	905	261	26	(D)	1,320	69	532	(D)	(D)
Real estate.....	15,983	2,283	9,328	1,327	900	2,266	(D)	1,627	2,458	1,914	(D)	(D)
Rental and leasing (except real estate).....	95,412	(D)	60,358	4,860	(D)	(D)	2,582	24,011	(D)	(D)	(D)	(D)
Professional, scientific, and technical services.....	12,059	1,344	7,328	115	152	(D)	(D)	1,544	1,842	477	114	(D)
Architectural, engineering, and related services.....	(D)	(D)	(D)	1,006	(D)	(D)	625	9,257	(D)	17,180	(D)	(D)
Computer systems design and related services.....	12,405	801	9,479	673	1,574	568	1,375	3,522	651	1,474	470	366
Management, scientific, and technical consulting.....	(D)	1,215	(D)	3,066	1,984	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other.....	2,402	5	1,694	(D)	329	(D)	(D)	826	33	470	25	151
Legal services.....	1,208	295	(D)	(D)	6	4	0	239	(D)	(D)	(D)	(*)
Accounting, tax preparation, bookkeeping, and payroll services.....	(D)	0	(D)	0	0	0	0	0	0	(D)	(D)	0
Specialized design services.....	3,600	175	2,960	144	212	60	(D)	(D)	32	434	(D)	(D)
Scientific research and development services.....	10,080	456	8,198	1,485	939	540	313	2,670	447	977	123	241
Advertising and related services.....	4,400	284	3,128	783	478	10	82	566	155	834	315	35
Other professional, scientific, and technical services.....	159,067	(D)	72,758	11,509	(D)	(D)	(D)	25,281	22,723	(D)	(D)	2,515
Other industries.....	272	3	55	(D)	0	(D)	0	3	(D)	(D)	0	1
Agriculture, forestry, fishing, and hunting.....	14,918	2,058	4,345	(D)	(D)	584	(D)	2,015	4,310	4,205	416	9
Mining.....	36,093	(D)	7,444	2	70	0	0	2,106	8,654	(D)	(D)	0
Utilities.....	(D)	0	0	0	0	0	0	0	0	(D)	(D)	0
Construction.....	4,556	16,688	1,098	2,870	1,775	(D)	6,641	4,631	838	884	(D)	(D)
Transportation and warehousing.....	<i>Of which:</i>											
Air transportation.....	(D)	(D)	1,259	(D)	(D)	(D)	(D)	(D)	102	(D)	(D)	(D)
Rail transportation.....	2,163	341	(D)	0	0	0	0	(D)	117	(D)	(D)	0
Water transportation.....	(D)	(D)	(D)	0	0	(D)	0	1,622	2,968	(D)	(D)	0
Truck transportation.....	(D)	542	597	0	0	0	0	576	7	(D)	(D)	4
Support activities for transportation.....	(D)	585	2,876	364	(D)	419	(D)	805	579	(D)	(D)	0
Management of companies and enterprises.....	3,407	37	2,442	276	159	193	(D)	486	721	208	(D)	(D)
Administration, support, and waste management.....	(D)	1,904	(D)	7,659	1,151	1,815	(D)	6,541	1,295	6,034	2,655	1,254
Administrative and support services.....	<i>Of which:</i>											
Employment services.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Travel arrangement and reservation services.....	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	0
Waste management and remediation services.....	1,570	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)
Health care and social assistance.....	1,462	(D)	1,254	(D)	(D)	0	(D)	1,036	(D)	(D)	0	0
Accommodations and food services.....	26,134	4,517	13,500	1,545	2,244	108	(D)	5,006	2,138	5,979	1,625	(D)
Accommodations.....	(D)	630	3,877	(D)	(D)	(D)	(D)	1,312	(D)	(D)	(D)	(D)
Food services and drinking places.....	(D)	3,887	9,624	(D)	(D)	(D)	(D)	3,694	(D)	(D)	(D)	0
Miscellaneous services.....	(D)	(D)	(D)	804	(D)	236	(D)	1,446	853	1,458	288	(D)
Educational services.....	(D)	(D)	(D)	124	108	(D)	(D)	261	(D)	154	3	(D)
Arts, entertainment, and recreation.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	569	(D)	274	101	(D)
Other services (except public administration and private households).....	4,470	1,130	2,106	(D)	(D)	105	47	616	204	1,029	183	(D)

* More than zero and less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. Because sales resulting from construction are recorded as goods rather than sales of services, the sales of services through MOFAs represent sales in secondary, nonconstruction industries. In 2005, sales of goods to foreign

residents through MOFAs classified in construction were suppressed to avoid disclosure of data of individual companies.

MNCs Multinational companies

MOFAs Majority-owned foreign affiliates

Table 11.1. Sales of Services to U.S. Persons by Foreign MNCs Through Their Nonbank MOUSAs, Industry of Affiliate by Country of UBO, 2004

(Millions of dollars)

	All countries		Europe						Latin America and Other Western Hemisphere			Other countries			United States
	(1)	(2)	Total	Of which:					Total	Of which:		United States			
				France	Germany	Netherlands	Switzerland	United Kingdom		Total	Australia		Japan		
														(3)		(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
All industries	381,960	36,389	254,673	50,495	54,835	29,825	34,895	61,535	36,930	49,347	12,930	27,211	4,621		
Manufacturing	35,974	(D)	27,025	2,597	13,110	(D)	1,437	4,718	(D)	3,363	(D)	3,047	8		
<i>Of which:</i>															
Food.....	125	(D)	(D)	(D)	0	0	0	0	0	38	0	38	0		
Chemicals.....	1,631	(D)	1,614	171	(D)	(D)	713	76	0	(D)	0	(D)	0		
Primary and fabricated metals.....	(D)	(D)	(D)	0	(D)	0	0	59	66	(D)	(D)	2	0		
Machinery.....	(D)	(D)	8,883	(D)	(D)	(D)	(D)	(D)	0	232	0	(D)	0		
Computers and electronic products.....	3,726	0	3,508	(D)	(D)	0	0	2,798	(D)	(D)	0	94	0		
Electrical equipment, appliances, and components.....	40	0	40	0	(D)	0	0	0	0	(*)	0	(*)	0		
Transportation equipment.....	9,543	(D)	7,192	(D)	(D)	(D)	0	0	(D)	(D)	0	(D)	0		
Wholesale trade	15,129	(D)	5,100	205	244	2,016	93	(D)	(D)	9,149	(D)	8,832	(D)		
<i>Of which:</i>															
Motor vehicles and motor vehicle parts and supplies.....	539	1	(D)	0	(D)	0	0	0	0	(D)	0	294	0		
Professional and commercial equipment and supplies.....	2,645	(D)	842	(D)	(D)	(D)	0	0	0	(D)	0	(D)	0		
Retail trade	801	2	92	1	0	(D)	1	(D)	(D)	469	0	(D)	(D)		
Information	52,838	5,152	33,307	5,982	13,867	2,361	2	9,876	3,400	10,979	(D)	1,338	(*)		
Publishing industries.....	14,496	(D)	12,665	(D)	(D)	(D)	1	7,525	3	(D)	(D)	913	(*)		
Newspaper, periodical, book, and database publishers.....	10,143	118	9,936	(D)	(D)	(D)	0	6,561	3	86	(D)	42	0		
Software publishers.....	4,352	(D)	2,729	(D)	(D)	23	1	964	(*)	(D)	1	870	(*)		
Motion picture and sound recording industries.....	(D)	9	(D)	(D)	8	0	0	60	7	117	0	(D)	0		
Motion picture and video industries.....	(D)	9	(D)	(D)	8	0	0	28	6	(D)	0	6	0		
Sound recording industries.....	(D)	0	(D)	(D)	0	0	0	33	1	(D)	0	(D)	0		
Telecommunications.....	(D)	197	12,166	221	(D)	(D)	1	332	(D)	194	(D)	(D)	0		
Wired telecommunications carriers.....	2,972	(D)	790	(D)	0	0	0	(D)	(D)	0	0	(D)	0		
Wireless telecommunications carriers (except satellite).....	(D)	(D)	(D)	5	(D)	0	1	62	(D)	21	1	0	0		
Other telecommunications.....	2,455	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	0	(*)	(*)	0		
Broadcasting (except internet).....	(D)	1	(D)	0	0	(*)	0	0	1,091	(D)	(D)	4	0		
Internet service providers, web search portals, data processing services, internet publishing and broadcasting, and other information services.....	8,396	(D)	(D)	(D)	12	(D)	0	1,959	(D)	(D)	6	(D)	(*)		
Finance (except depository institutions) and insurance	102,284	13,571	68,739	10,336	11,231	(D)	22,907	6,968	14,206	4,185	(D)	3,545	1,583		
Finance (except depository institutions).....	22,628	(D)	17,682	(D)	522	479	(D)	4,392	67	(D)	(D)	(D)	(D)		
Nondepository credit intermediation and related services.....	2,763	61	(D)	0	1	(D)	0	0	21	(D)	(D)	(D)	(*)		
Securities, commodity contracts, and other intermediation and related activities.....	19,789	(D)	17,294	2,679	512	(D)	(D)	(D)	30	418	(D)	316	(D)		
Funds, trusts, and other financial vehicles.....	76	5	(D)	(D)	9	0	24	(*)	17	(D)	0	4	(D)		
Insurance carriers and related activities.....	79,656	(D)	51,057	(D)	10,709	(D)	(D)	2,476	14,139	(D)	(D)	(D)	(D)		
Insurance carriers, except life insurance carriers.....	50,713	(D)	30,716	(D)	(D)	(D)	(D)	(D)	12,772	1,354	(D)	(D)	(D)		
Life insurance carriers.....	27,310	6,905	20,104	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)	0		
Agencies, brokerages, and other insurance related activities.....	1,632	(D)	238	0	(*)	2	(D)	(D)	9	1	0	(D)	(*)		
Real estate and rental and leasing.....	18,030	1,810	6,855	337	2,340	246	513	1,530	675	(D)	2,537	2,647	16		
Real estate.....	(D)	1,781	3,886	(D)	2,269	246	(D)	(D)	665	(D)	(D)	2,353	(D)		
Rental and leasing (except real estate).....	(D)	28	2,970	(D)	71	(*)	(D)	(D)	10	(D)	(D)	293	(D)		
Professional, scientific, and technical services	48,139	2,238	36,161	21,191	182	2,207	478	11,122	(D)	(D)	22	1,536	297		
Architectural, engineering, and related services.....	5,107	206	4,450	657	77	(D)	671	2,335	(D)	(D)	(*)	(D)	3		
Computer systems design and related services.....	11,347	367	3,210	(D)	54	(D)	(*)	756	(D)	(D)	12	562	(D)		
Management, scientific, and technical consulting.....	1,760	(D)	1,022	(D)	(D)	(D)	(D)	491	(D)	(D)	7	33	(*)		
Other.....	29,925	(D)	27,478	(D)	(D)	(D)	127	7,540	12	(D)	2	(D)	(D)		
Legal services.....	28	(D)	(D)	0	0	0	(*)	0	0	(*)	0	0	0		
Accounting, tax preparation, bookkeeping, and payroll services.....	71	4	(D)	5	0	0	0	0	0	(D)	0	3	(D)		
Specialized design services.....	49	2	26	0	(*)	(D)	3	(*)	20	2	9	0	0		
Scientific research and development services.....	837	383	229	36	12	1	(D)	27	1	223	(*)	195	1		
Advertising and related services.....	22,509	494	21,712	(D)	0	0	0	(D)	(D)	(*)	(D)	(D)	(D)		
Other professional, scientific, and technical services.....	6,432	(D)	5,439	(D)	(D)	(D)	(*)	(D)	(D)	(D)	0	(D)	(D)		
Other industries	108,765	11,508	77,393	9,846	13,860	3,504	9,464	8,108	(D)	554	(D)	(D)	0		
Agriculture, forestry, fishing, and hunting.....	270	9	(D)	0	3	(D)	0	(*)	7	(D)	0	(*)	0		
Mining.....	7,279	385	667	0	0	(D)	(*)	325	6,215	(D)	(*)	1	0		
Utilities.....	15,516	2,920	(D)	(D)	0	0	0	0	0	(D)	1	3	(D)		
Construction ¹	1,285	(D)	559	4	0	3	(D)	0	0	(D)	0	(D)	0		
Transportation and warehousing.....	30,436	4,354	20,705	471	7,023	905	(D)	6,925	501	4,872	(D)	2,974	5		
<i>Of which:</i>															
Air transportation.....	177	26	39	(*)	(*)	(D)	1	1	28	85	0	(D)	0		
Rail transportation.....	2,524	(D)	(D)	0	0	0	0	0	(D)	(*)	(*)	(*)	0		
Water transportation.....	2,521	(D)	(D)	(D)	(D)	(*)	0	(D)	2	(D)	0	9	0		
Truck transportation.....	2,267	(D)	(D)	1	1	(D)	0	0	(D)	(D)	0	0	0		
Support activities for transportation.....	10,838	79	7,037	412	(D)	5	(D)	1,021	(D)	(D)	2	2,593	0		
Management of companies and enterprises.....	98	(D)	30	(*)	8	(D)	(*)	(D)	1	(D)	(*)	20	0		
Administration, support, and waste management.....	20,478	85	18,849	1,510	148	(D)	7,837	2,840	556	(D)	0	572	(D)		
Administrative and support services.....	(D)	(D)	18,849	1,510	148	(D)	7,837	2,840	556	(D)	0	562	(D)		
<i>Of which:</i>															
Employment services.....	6,495	1	6,494	0	0	(D)	(D)	(D)	(*)	(*)	0	(*)	0		
Travel arrangement and reservation services.....	2,073	2	810	726	(D)	0	4	(D)	(D)	(D)	0	512	(D)		
Waste management and remediation services.....	(D)	(D)	0	0	0	0	0	0	9	0	0	9	0		
Health care and social assistance.....	(D)	1,426	6,166	0	(D)	0	0	(D)	(D)	(D)	0	(D)	1		
Accommodations and food services.....	20,619	113	15,926	(D)	(D)	3	(D)	590	(D)	(*)	1,754	(D)	(D)		
Accommodations.....	6,499	38	2,328	(D)	62	3	(D)	391	3,741	0	1,688	0	0		
Food services and drinking places.....	14,120	75	13,597	(D)	(D)	0	(D)	199	(D)	(*)	66	(D)	0		
Miscellaneous services.....	(D)	1,843	1,805	48	43	(D)	8	(D)	(D)	783	(D)	394	(D)		
Educational services.....	383	(*)	225	0	(D)	0	0	(*)	9	148	0	(D)	(*)		
Arts, entertainment, and recreation.....	2,706	1,735	251	3	16	26	0	(D)	136	584	(D)	222	0		
Other services (except public administration and private households).....	(D)	108	1,329	45	(D)	(D)	8	(D)	51	(*)	(D)	(D)	(D)		

* More than zero and less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. Because sales resulting from construction activities are recorded as sales of goods rather than sales of services, the sales of services through MOUSAs in construction represent sales in secondary, nonconstruction industries. In 2004, sales of goods to U.S. residents by MOUSAs in construction were estimated to be \$32.4 billion. These sales of goods were

estimated by subtracting exports of goods from the total sales of goods.

MNCs Multinational companies

MOUSAs Majority-owned U.S. affiliates

UBO Ultimate beneficial owner

Table 11.2. Sales of Services to U.S. Persons by Foreign MNCs Through Their Nonbank MOUSAs, Industry of Affiliate by Country of UBO, 2005
 (Millions of dollars)

	All countries (1)	Canada (2)	Europe						Latin America and Other Western Hemisphere (9)	Other countries			United States (13)
			Total (3)	Of which:						Total (10)	Of which:		
				France (4)	Germany (5)	Netherlands (6)	Switzerland (7)	United Kingdom (8)			Australia (11)	Japan (12)	
All industries	389,030	40,059	260,454	50,850	54,637	29,865	34,017	67,969	38,793	44,534	4,914	28,404	5,191
Manufacturing	33,658	(D)	23,964	1,843	12,336	(D)	1,730	3,844	(D)	4,080	230	3,481	(D)
<i>Of which:</i>													
Food.....	145	(D)	24	(D)	0	0	0	0	0	(D)	0	(D)	0
Chemicals.....	1,825	(D)	1,774	196	(D)	(D)	883	(D)	0	(D)	(D)	10	0
Primary and fabricated metals.....	(D)	(D)	(D)	0	(D)	0	0	36	79	2	1	1	0
Machinery.....	(D)	(D)	4,834	(*)	(D)	(D)	(D)	38	0	196	(D)	133	0
Computers and electronic products.....	4,162	0	3,838	1,039	(D)	0	0	2,733	0	324	0	(D)	0
Electrical equipment, appliances, and components.....	43	0	43	0	0	0	0	1	0	(*)	0	(*)	0
Transportation equipment.....	10,754	(D)	7,687	542	(D)	(D)	0	(D)	(D)	0	0	(D)	0
Wholesale trade	16,917	(D)	5,082	188	248	2,219	133	(D)	183	10,560	(D)	10,143	(D)
<i>Of which:</i>													
Motor vehicles and motor vehicle parts and supplies.....	475	0	(D)	0	(D)	0	0	0	0	(D)	0	230	0
Professional and commercial equipment and supplies.....	3,308	(D)	849	(D)	(D)	(D)	0	(D)	0	(D)	0	(D)	0
Retail trade	857	18	95	1	0	(D)	2	(D)	(D)	(D)	0	(D)	(D)
Information	47,112	5,220	36,054	7,055	15,009	(D)	(D)	10,547	3,941	(D)	48	1,041	(D)
Publishing industries.....	15,282	(D)	13,728	(D)	(D)	(D)	(D)	8,111	3	(D)	(D)	513	(*)
Newspaper, periodical, book, and database publishers.....	10,998	135	10,769	(D)	(D)	(D)	(D)	7,030	3	92	(D)	46	0
Software publishers.....	4,284	(D)	2,959	(D)	(D)	27	1	1,081	(*)	(D)	1	467	(*)
Motion picture and sound recording industries.....	(D)	(D)	(D)	9	0	0	0	60	7	(D)	0	91	0
Motion picture and video industries.....	(D)	9	(D)	9	0	0	0	30	6	(D)	0	(D)	0
Sound recording industries.....	(D)	(D)	(D)	0	0	0	0	29	1	(D)	0	(D)	0
Telecommunications.....	(D)	131	13,075	688	(D)	(D)	1	300	(D)	391	(D)	(D)	0
Wired telecommunications carriers.....	2,480	(D)	196	(D)	0	0	0	(D)	(D)	0	0	(D)	0
Wireless telecommunications carriers (except satellite).....	(D)	3	(D)	6	(D)	0	1	42	(D)	23	1	0	0
Other telecommunications.....	3,582	(D)	(D)	(D)	(D)	(D)	0	(D)	1,636	(D)	(D)	0	0
Broadcasting (except internet).....	162	3	(D)	0	0	(*)	0	1	(D)	55	(D)	3	0
Internet service providers, web search portals, data processing services, internet publishing and broadcasting, and other information services.....	8,815	(D)	(D)	(D)	13	(D)	0	2,076	(D)	(D)	6	(D)	(D)
Finance (except depository institutions) and insurance	102,084	14,233	68,473	11,756	10,717	(D)	20,480	7,398	13,103	4,594	832	3,651	1,682
Finance (except depository institutions).....	24,916	(D)	19,615	(D)	326	510	(D)	5,434	67	(D)	(D)	(D)	(D)
Nondepository credit intermediation and related services.....	2,925	61	(D)	0	(D)	(D)	1	(D)	17	(D)	3	(D)	(*)
Securities, commodity contracts, and other intermediation and related activities.....	21,877	(D)	19,194	3,170	277	(D)	(D)	(D)	35	677	(D)	316	(D)
Funds, trusts, and other financial vehicles.....	114	10	(D)	(D)	(D)	(*)	(D)	(*)	15	(D)	(D)	4	(D)
Insurance carriers and related activities.....	77,168	(D)	48,858	(D)	10,391	(D)	(D)	1,964	13,037	(D)	(D)	(D)	(D)
Insurance carriers, except life insurance carriers.....	46,889	(D)	28,451	(D)	(D)	(D)	(D)	(D)	11,434	1,304	(D)	(D)	(D)
Life insurance carriers.....	28,744	7,891	20,268	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)	0
Agencies, brokerages, and other insurance related activities.....	1,535	(D)	139	0	(*)	2	0	136	(D)	35	0	(D)	(*)
Real estate and rental and leasing	19,101	2,039	7,372	336	2,373	218	799	1,631	531	(D)	2,855	2,540	(D)
Real estate.....	(D)	2,006	3,879	(D)	(D)	218	(D)	(D)	450	(D)	(D)	2,238	16
Rental and leasing (except real estate).....	(D)	33	3,494	(D)	(D)	(*)	(D)	(D)	81	1,374	(D)	303	(D)
Professional, scientific, and technical services	48,590	2,472	35,584	18,204	393	2,421	212	13,539	(D)	(D)	(D)	857	348
Architectural, engineering, and related services.....	6,175	256	5,265	745	268	785	0	2,998	(D)	0	(D)	194	3
Computer systems design and related services.....	11,244	350	2,327	(D)	68	(D)	(*)	1,241	(D)	(D)	14	252	(D)
Management, scientific, and technical consulting.....	2,079	(D)	1,113	(D)	(D)	(D)	88	554	448	(D)	(D)	53	(D)
Other.....	29,093	(D)	26,879	(D)	(D)	(D)	124	8,746	28	(D)	2	358	(D)
Legal services.....	(D)	1	(D)	0	0	0	0	(D)	(*)	1	0	0	0
Accounting, tax preparation, bookkeeping, and payroll services.....	44	4	17	(D)	0	0	0	0	0	0	0	3	(D)
Specialized design services.....	53	3	28	0	(*)	(*)	(D)	3	(*)	22	2	0	0
Scientific research and development services.....	882	407	204	39	15	1	(D)	30	(D)	(D)	(*)	223	1
Advertising and related services.....	20,327	534	19,465	(D)	0	0	0	(D)	(D)	(D)	(*)	(D)	(D)
Other professional, scientific, and technical services.....	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(D)	2	(D)	0	76	(D)
Other industries	120,710	13,430	83,831	11,466	13,561	3,442	(D)	10,481	(D)	626	(D)	(D)	(D)
Agriculture, forestry, fishing, and hunting.....	263	10	(D)	(D)	2	(D)	0	(*)	8	(D)	0	(*)	0
Mining.....	9,994	424	996	0	0	(D)	(D)	348	8,546	(D)	(D)	1	(D)
Utilities.....	16,297	4,266	12,023	(D)	(D)	(*)	0	(D)	0	8	1	3	0
Construction ¹	1,227	(D)	402	5	(D)	0	0	(D)	0	(D)	(D)	(D)	0
Transportation and warehousing.....	33,212	4,680	22,417	543	6,207	979	(D)	8,240	(D)	(D)	(D)	3,137	5
<i>Of which:</i>													
Air transportation.....	178	29	43	(*)	(*)	(D)	1	1	7	99	0	(D)	0
Rail transportation.....	2,866	(D)	(D)	0	0	0	0	(D)	0	(*)	0	(*)	0
Water transportation.....	2,928	(D)	(D)	(D)	(D)	(*)	0	(D)	2	(D)	0	11	0
Truck transportation.....	2,533	(D)	(D)	1	1	0	0	0	(D)	0	0	(D)	0
Support activities for transportation.....	11,969	88	7,517	478	383	6	(D)	1,859	(D)	(D)	2	2,866	0
Management of companies and enterprises.....	151	(D)	34	(*)	9	3	(*)	22	1	(D)	(*)	21	0
Administration, support, and waste management.....	25,002	496	22,812	4,039	153	(D)	8,092	3,646	594	(D)	0	643	(D)
Administrative and support services.....	(D)	(D)	(D)	(D)	153	(D)	8,092	3,646	594	701	0	(D)	(D)
<i>Of which:</i>													
Employment services.....	6,617	1	(D)	0	0	(D)	(D)	(D)	(*)	(D)	0	(D)	0
Travel arrangement and reservation services.....	2,416	2	1,085	810	(D)	0	0	201	(D)	0	0	536	(D)
Waste management and remediation services.....	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)	0	(D)	0
Health care and social assistance.....	(D)	1,775	5,993	0	(D)	0	0	(D)	(D)	636	(D)	(D)	2
Accommodations and food services.....	(D)	120	17,262	(D)	(D)	3	(D)	(D)	551	4,118	(*)	1,809	(D)
Accommodations.....	(D)	41	2,458	(D)	68	3	(D)	(D)	425	(D)	0	1,736	0
Food services and drinking places.....	15,282	79	14,804	(D)	(D)	0	(D)	(D)	127	(D)	(*)	73	(D)
Miscellaneous services.....	3,846	1,206	(D)	32	49	(D)	8	(D)	154	(D)	(D)	386	(D)
Educational services.....	403	1	244	0	(D)	0	0	(*)	(D)	0	0	128	(*)
Arts, entertainment, and recreation.....	1,876	1,010	140	(D)	17	28	0	(D)	138	588	(D)	208	0
Other services (except public administration and private households).....	1,567	195	(D)	(D)	(D)	(D)	8	(D)	(D)	(*)	50	(D)	(D)

* More than zero and less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

¹ Because sales resulting from construction activities are recorded as sales of goods rather than sales of services, the sales of services through MOUSAs in construction represent sales in secondary, nonconstruction industries. In 2005, sales of goods to U.S. residents by MOUSAs in construction were suppressed to avoid the disclosure of data of individual

companies.

MNCs Multinational companies

MOUSAs Majority-owned U.S. affiliates

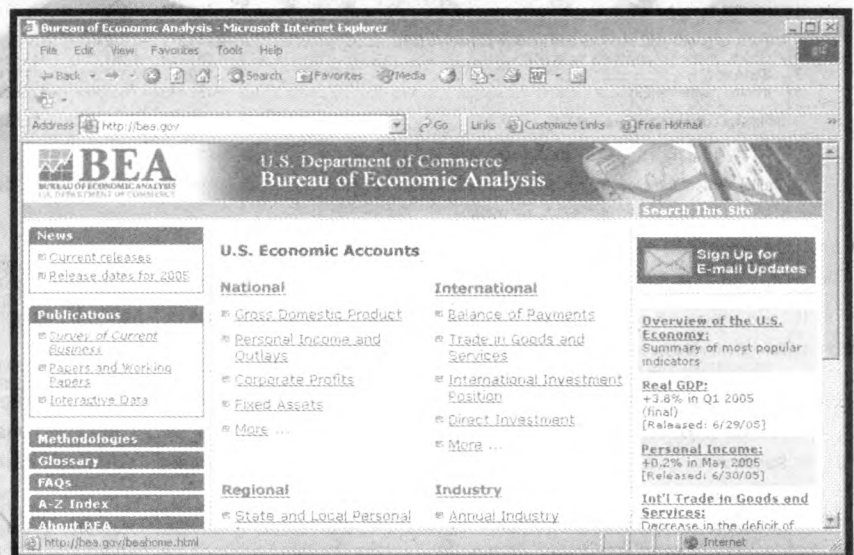
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U.S. International Transactions

Second Quarter of 2007

By Erin M. Whitaker and Jessica Melton Hanson

THE U.S. current-account deficit—the combined balances on trade in goods and services, income, and net unilateral current transfers—decreased to \$190.8 billion (preliminary) in the second quarter of 2007 from \$197.1 billion (revised) in the first quarter (table A, chart 1). The decrease resulted from a decrease in net unilateral current transfers to foreigners and increases in the surpluses on services and on income. In contrast, the deficit on goods increased.

In the financial account, net financial inflows—net acquisitions by foreign residents of assets in the United States less net acquisitions by U.S. residents of assets abroad—were \$150.9 billion in the second quarter, down from \$181.9 billion in the first quarter. Net U.S. acquisitions of assets abroad picked up more than net

foreign acquisitions of assets in the United States.

The statistical discrepancy—errors and omissions in recorded transactions—was a positive \$40.4 billion in the second quarter, compared with a positive \$15.7 billion in the first quarter.

The following are highlights for the second quarter of 2007:

- Goods exports increased at the strongest rate in a year. Goods imports also picked up as a result of strong increases in petroleum and products and in other industrial supplies and materials.
- Net U.S. purchases of foreign securities remained strong.
- Net private foreign transactions in U.S. Treasury securities shifted to net sales from net purchases, and net private foreign purchases of other U.S. securities surged.
- Both U.S. claims and U.S. liabilities reported by U.S. banks increased less strongly in the second quarter than in the first quarter.

1. Quarterly estimates of U.S. current-account and financial-account components are seasonally adjusted when series demonstrate statistically significant seasonal patterns. The accompanying tables present both adjusted and unadjusted estimates.

Table A. Summary of U.S. International Transactions

[Millions of dollars, quarters seasonally adjusted]

Line	Corresponding lines in tables 1 and 11 are indicated in () (Credits +; debits -)	2005	2006	2006				2007		Change: 2007:I-II
				I	II	III	IV	I ^a	II ^a	
Current account										
1	Exports of goods and services and income receipts (1)	1,788,557	2,096,165	494,027	518,595	532,894	550,649	558,369	586,698	28,329
2	Goods, balance of payments basis (3)	894,631	1,023,109	243,880	252,458	260,285	266,486	270,116	279,339	9,223
3	Services (4)	388,439	422,594	101,756	104,117	105,583	111,137	112,040	116,350	4,310
4	Income receipts (12)	505,488	650,462	148,391	162,020	167,026	173,025	176,213	191,009	14,796
5	Imports of goods and services and income payments (18)	-2,454,871	-2,818,047	-673,277	-700,504	-726,352	-717,914	-728,472	-755,031	-26,559
6	Goods, balance of payments basis (20)	-1,681,780	-1,861,380	-451,637	-463,734	-479,184	-466,825	-470,983	-483,552	-12,569
7	Services (21)	-315,661	-342,845	-83,711	-85,419	-85,991	-87,724	-88,754	-89,825	-1,071
8	Income payments (29)	-457,430	-613,823	-137,929	-151,352	-161,177	-163,365	-168,735	-181,654	-12,919
9	Unilateral current transfers, net (35)	-88,535	-89,595	-21,360	-23,686	-23,877	-20,673	-26,994	-22,457	4,537
Capital account										
10	Capital account transactions, net (39)	-4,054	-3,913	-1,724	-1,008	-545	-637	-559	-589	-30
Financial account										
11	U.S.-owned assets abroad, excluding financial derivatives (increase/financial outflow (-)) (40)	-426,875	-1,055,176	-344,032	-212,218	-209,898	-289,028	-449,454	-469,470	-20,016
12	U.S. official reserve assets (41)	14,096	2,374	513	-560	1,006	1,415	-72	26	98
13	U.S. Government assets, other than official reserve assets (46)	5,539	5,346	1,049	1,765	1,570	962	445	-493	-938
14	U.S. private assets (50)	-446,510	-1,062,896	-345,594	-213,423	-212,474	-291,405	-449,827	-469,003	-19,176
15	Foreign-owned assets in the United States, excluding financial derivatives (increase/financial inflow (+)) (55)	1,204,231	1,859,597	538,140	355,442	449,987	516,029	616,602	620,405	3,803
16	Foreign official assets in the United States (56)	259,268	440,264	125,257	120,861	108,799	85,347	152,193	70,098	-82,095
17	Other foreign assets in the United States (63)	944,963	1,419,333	412,883	234,581	341,188	430,682	464,409	550,307	85,898
18	Financial derivatives, net (70)	n.a.	28,762	1,633	14,001	14,911	-1,783	14,800	n.a.	-14,800
19	Statistical discrepancy (sum of above items with sign reversed) (71)	-18,454	-17,794	6,593	49,378	-37,121	-36,643	15,708	40,444	24,736
Memoranda:										
20	Balance on current account (77)	-754,848	-811,477	-200,611	-205,595	-217,334	-187,938	-197,097	-190,790	6,307
21	Net financial flows (40, 55, and 70)	777,356	833,183	195,741	157,225	255,000	225,218	181,948	150,935	-31,013

p Preliminary
r Revised
n.a. Not available

Selected economic and financial market developments

In the second quarter, the U.S. dollar depreciated 3 percent on a nominal, trade-weighted, quarterly average basis against a group of seven major currencies that are widely traded in international markets (table B, chart 2). The U.S. dollar depreciated 6 percent against the Canadian dollar and 3 percent against the euro, and it appreciated 1 percent against the Japanese yen.

In the United States, data releases in the second quarter indicated that U.S. economic growth in the first quarter slowed. Releases indicated that the U.S. deficit on trade in goods and services on a 3-month moving-average basis widened somewhat. U.S. monetary authorities left the target level for the Federal funds rate at 5.25 percent, and other U.S. short-term interest rates changed little (chart 3). U.S. and foreign long-term interest rates increased strongly, partly as a result of rising concerns about inflation. U.S. and

Chart 2. Nominal Indexes of Foreign Currency Price of the U.S. Dollar

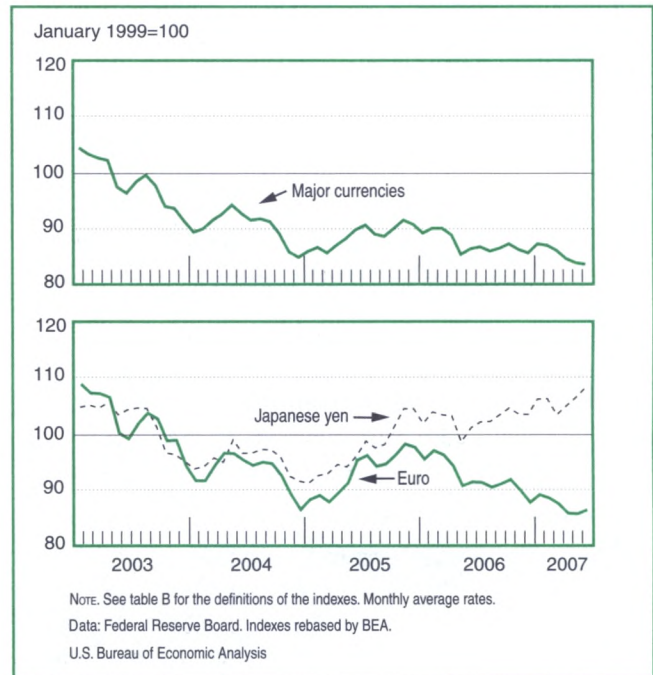


Chart 1. U.S. Current-Account Balance and Its Components

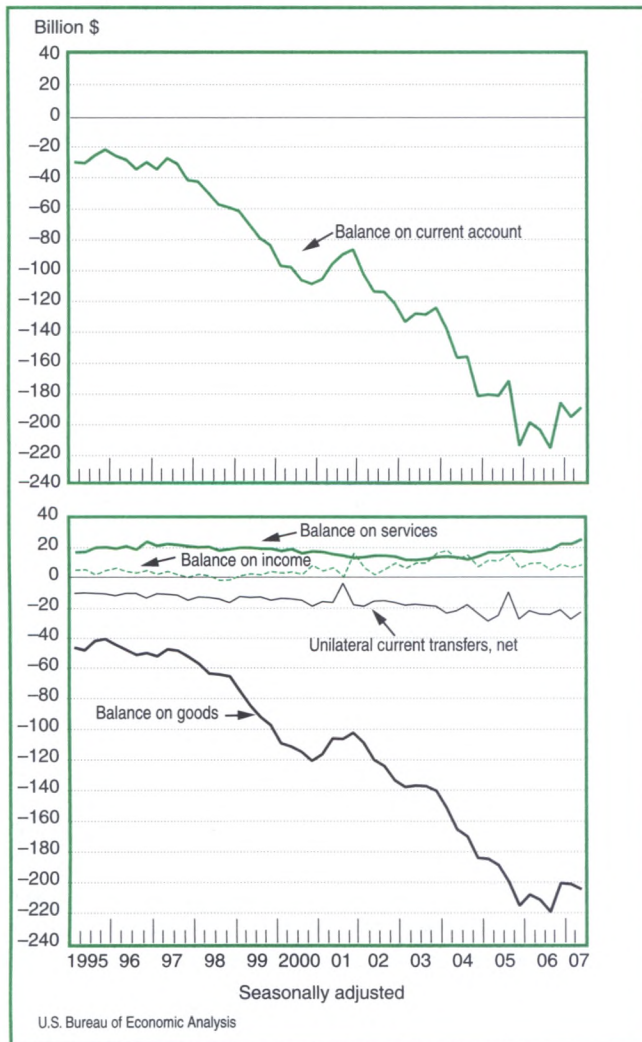
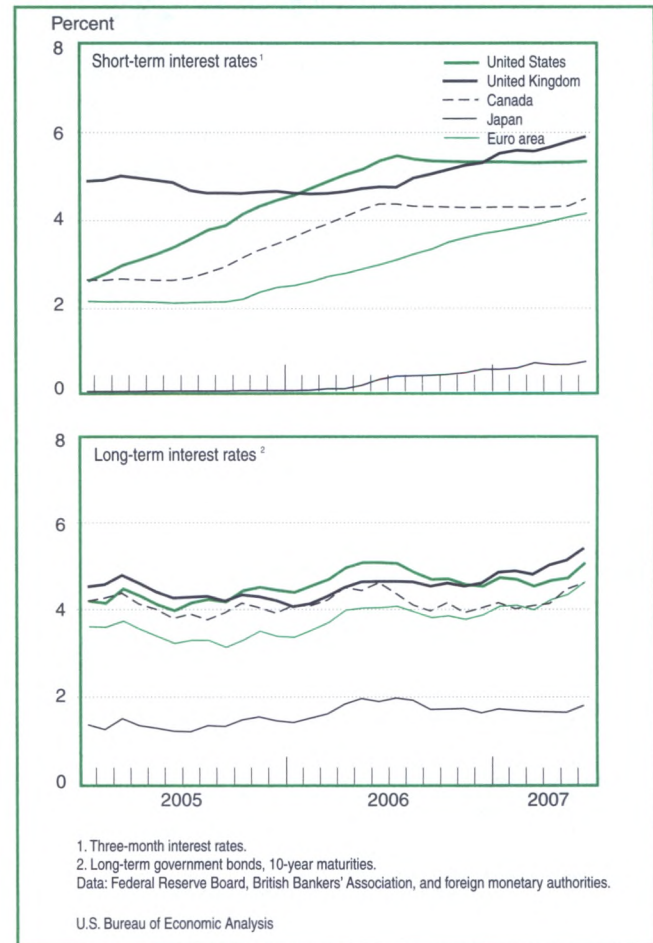


Chart 3. U.S. and Foreign Interest Rates



foreign stock prices also increased strongly. In the last weeks of June, credit spreads began to increase as deteriorating conditions in the market for subprime mortgages led to downgrades of some securities backed by those mortgages.

In Europe, data releases indicated that euro area economic growth in the first quarter weakened somewhat. Among selected countries, growth in Germany and Italy slowed, and growth in France and Spain was nearly the same as in the fourth quarter. Euro area monetary authorities raised the minimum bid rate on main refinancing operations, a key policy-controlled interest rate, to 4.00 percent from 3.75 percent. Euro area short-term interest rates have increased roughly 200 basis points in the last year and a half, reducing the large gap that had existed between U.S. and euro area short-term rates. In the second quarter, the Bank of

England also increased its key monetary policy interest rate to 5.50 percent from 5.25 percent.

In Japan, reports showed that economic growth in the first quarter weakened after very strong growth in the fourth quarter. Japanese monetary authorities left the key overnight lending rate at 0.50 percent.

In Canada, reported economic growth in the first quarter accelerated, as the Canadian economy continued to benefit from buoyant global markets for its abundant natural resources, such as oil and metals. The Canadian dollar surged to a near-30-year high against the U.S. dollar. Canadian monetary authorities left the target level for the overnight rate at 4.25 percent.

Current Account

Goods and services

The deficit on goods and services increased slightly to \$177.7 billion in the second quarter from \$177.6 billion in the first quarter. A \$3.3 billion increase in the deficit on goods was nearly offset by a \$3.2 billion increase in the surplus on services.

Goods

The deficit on goods increased to \$204.2 billion in the second quarter from \$200.9 billion in the first quarter, as imports increased more than exports. Despite the increase, the goods deficit was smaller in each of the last three quarters than in each of the preceding four quarters.

On a price-adjusted, or real, basis, exports have grown at a considerably stronger rate than imports

Revisions to Estimates

The preliminary estimates of U.S. international transactions for the first quarter that were published in the July 2007 SURVEY OF CURRENT BUSINESS have been revised.

The current-account deficit was revised to \$197.1 billion from \$192.6 billion. The goods deficit was unrevised at \$200.9 billion; the services surplus was revised to \$23.3 billion from \$24.1 billion; the income surplus was revised to \$7.5 billion from \$10.4 billion; and net unilateral current transfers to foreigners were revised to \$27.0 billion from \$26.1 billion. Net financial inflows were revised to \$181.9 billion from \$202.8 billion.

Table B. Indexes of Foreign Currency Price of the U.S. Dollar

[January 1999=100]

	2006			2007		2006						2007						
	II	III	IV	I	II	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June
Nominal: ¹																		
Broad ²	94.9	94.4	93.9	93.7	91.5	95.0	94.8	94.1	94.4	94.6	93.9	93.2	94.1	93.8	93.3	92.1	91.3	91.0
Major currencies ³	86.8	86.3	86.3	86.7	83.9	86.3	86.7	85.9	86.4	87.2	86.2	85.6	87.2	86.9	86.0	84.5	83.8	83.5
Other important trading partners ⁴	105.5	105.0	103.7	102.9	101.2	106.4	105.3	104.8	104.8	104.4	103.8	103.0	103.1	102.8	102.8	101.9	101.0	100.8
Real: ¹																		
Broad ²	98.4	98.1	96.0	95.9	95.0	98.7	98.6	98.0	97.6	97.1	95.8	95.0	96.1	95.7	96.0	95.3	95.0	94.7
Major currencies ³	94.9	94.7	93.8	94.6	92.8	94.5	95.2	94.4	94.5	94.9	93.6	92.8	94.7	94.7	94.3	93.1	92.7	92.5
Other important trading partners ⁴	102.3	101.9	98.5	97.5	97.5	103.5	102.5	102.1	101.1	99.6	98.4	97.4	97.7	96.9	97.9	97.8	97.5	97.3
Selected currencies: (nominal) ⁵																		
Canada	73.9	73.8	75.0	77.1	72.3	73.3	74.3	73.6	73.5	74.3	74.8	75.9	77.4	77.1	76.9	74.7	72.1	70.1
European currencies:																		
Euro area ⁶	92.2	91.0	89.9	88.4	86.0	91.5	91.4	90.5	91.1	91.9	89.9	87.8	89.2	88.6	87.5	85.8	85.7	86.4
United Kingdom	90.4	88.0	86.1	84.4	83.1	89.5	89.5	87.1	87.6	87.9	86.3	84.0	84.2	84.2	84.7	83.0	83.1	83.0
Switzerland	89.8	89.4	89.1	89.0	88.2	88.9	89.3	88.9	89.9	90.9	89.2	87.3	89.7	89.4	87.9	87.5	88.1	89.0
Japan	101.0	102.7	104.0	105.4	106.6	101.2	102.2	102.3	103.5	104.7	103.6	103.6	106.3	106.4	103.5	105.0	106.6	108.3
Mexico	110.4	108.1	107.5	108.8	107.4	112.5	108.4	107.4	108.5	107.5	107.2	107.2	108.2	108.6	109.7	108.4	106.9	107.0
Brazil	144.3	143.5	142.2	139.3	131.1	148.8	144.7	142.5	143.4	141.9	142.6	142.0	141.4	138.5	138.1	134.3	131.2	127.8

1. For more information on the nominal and real indexes of the foreign exchange value of the U.S. dollar, see *Federal Reserve Bulletin*, vol. 84 (October 1998): 811-18.

2. Weighted average of the foreign exchange value of the U.S. dollar against the currencies of a broad group of U.S. trading partners, including the currencies of the euro area countries, Australia, Canada, Japan, Sweden, Switzerland, United Kingdom, Argentina, Brazil, Chile, Colombia, Mexico, Venezuela, China, Hong Kong, India, Indonesia, Korea, Malaysia, the Philippines, Singapore, Taiwan, Thailand, Israel, Saudi Arabia, and Russia. Data: Federal Reserve Board. Monthly and quarterly average rates. Index rebased by BEA.

3. Weighted average of the foreign exchange value of the U.S. dollar against broad-index currencies that circulate widely outside the country of issue, including the currencies of the euro area countries, Australia, Canada, Japan, Sweden, Switzerland, and the United Kingdom. The weight for each currency is its broad-index weight divided by the sum of the broad-index weights for all of the currencies included in the major currency index. Data: Federal Reserve Board. Monthly

and quarterly average rates. Index rebased by BEA.

4. Weighted average of the foreign exchange value of the U.S. dollar against broad-index currencies that do not circulate widely outside the country of issue, including the currencies of Argentina, Brazil, Chile, Colombia, Mexico, Venezuela, China, Hong Kong, India, Indonesia, Korea, Malaysia, the Philippines, Singapore, Taiwan, Thailand, Israel, Saudi Arabia, and Russia. The weight for each currency is its broad-index weight divided by the sum of the broad-index weights for all of the currencies included in the other important trading partners index. Data: Federal Reserve Board. Monthly and quarterly average rates. Index rebased by BEA.

5. Data: Federal Reserve Board. Monthly and quarterly average rates. Indexes prepared by BEA.

6. The euro area includes Austria, Belgium, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Netherlands, Portugal, and Spain; beginning with the first quarter of 2007, also includes Slovenia.

over the last 2 ½ years. Real export growth, which has been generally strong since mid-2003, has been supported by strengthening economic growth in many foreign countries and by the substantial depreciation of the U.S. dollar against many foreign currencies since early 2002. Real import growth has generally weakened from its pre-2005 pace.

The stronger growth in exports than in imports has made a positive contribution to real GDP growth in most recent quarters.

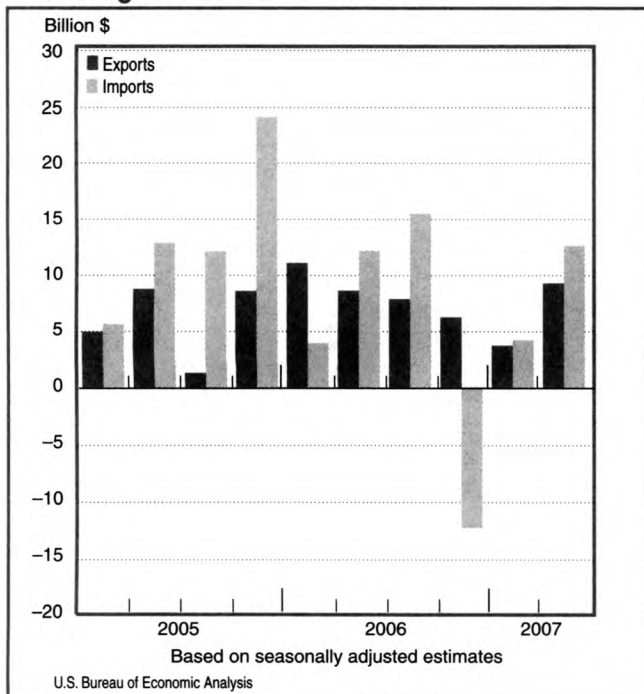
Exports. In the second quarter, current-dollar exports of goods increased \$9.2 billion, or 3.4 percent, to \$279.3 billion (chart 4). The percentage increase was the strongest in a year. Real exports increased 2.1 percent, and export prices increased 1.3 percent (chart 5).²

After slowing in recent quarters, nonagricultural industrial supplies and materials increased \$5.0 billion in the second quarter. The increase was largely accounted for by increases in nonferrous metals, mostly nonmonetary gold to Switzerland, and in energy products. Energy products were boosted by exports of petroleum and products, mostly fuel oil to Latin America, and of natural gas to Canada. Increases in chemicals and in iron and steel products also contributed to the increase in nonagricultural industrial supplies and materials.

Agricultural products increased \$2.0 billion in the

2. Quantity (real) estimates are calculated using a chain-type Fisher formula with annual weights for all years and quarterly weights for all quarters. Real estimates are expressed as chained (2000) dollars. Price indexes (2000 = 100) are also calculated using a chain-type Fisher formula.

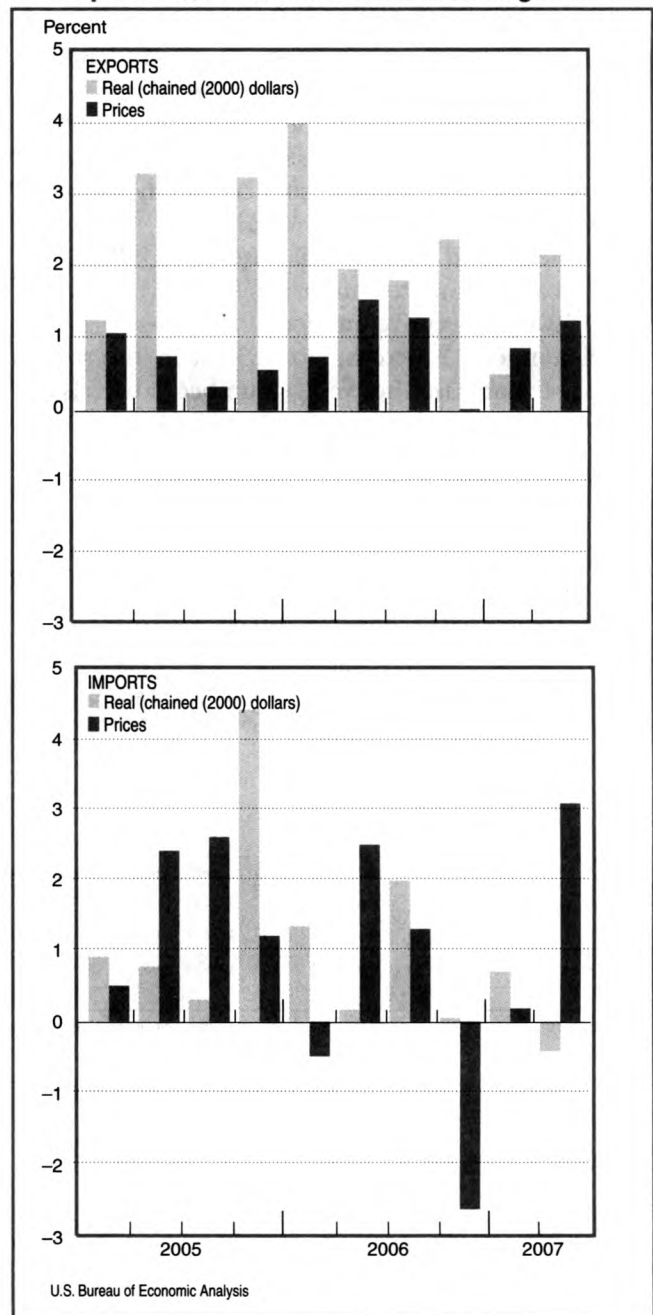
Chart 4. U.S. Trade in Goods: Change in Value From Preceding Quarter



second quarter after increasing substantially in recent quarters. The second-quarter increase was mostly accounted for by large increases in soybeans and raw cotton. Soybeans surged, mostly to Mexico and Japan. Raw cotton was boosted by shipments to China and other Asian countries. These increases were partly offset by the first decrease in corn in nine quarters.

Automotive vehicles, parts, and engines increased \$1.6 billion as a result of a step-up in exports to areas except Canada. Passenger cars, mainly to Europe, increased strongly for the third time in four quarters.

Chart 5. U.S. Trade in Goods: Change in Real Exports and Imports and in Prices From Preceding Quarter



Engines, parts, and accessories to Mexico and Asian countries increased strongly, but these increases were largely offset by decreases in these products to Canada.

Capital goods increased \$0.8 billion. The largest increases were in "other" industrial machinery (mostly for manufacturing semiconductors), in measuring, testing, and control instruments, and in scientific, hospital, and medical equipment. These increases were largely offset by decreases in computers, peripherals, and parts, in oil drilling, mining, and construction machinery, in civilian aircraft, and in semiconductors.

Consumer goods increased \$0.7 billion, reflecting continued growth in durable goods. In the second quarter, the largest increase was in toys, shooting, and sporting goods, mainly to Canada.

Imports. Imports of goods increased \$12.6 billion, or 2.7 percent, to \$483.6 billion. Real imports decreased 0.4 percent, and import prices increased 3.1 percent (chart 5). The increase in value resulted from increases in petroleum and products and in nonpetroleum industrial supplies and materials.

Petroleum and products increased \$7.3 billion, as a result of a rise in petroleum prices (chart 6). After falling for two consecutive quarters, the average price per barrel jumped 17 percent, to \$63.84, in the second quarter. In contrast, the average number of barrels imported daily decreased, to 13.41 million from 14.28 million. Petroleum imports from Europe increased \$4.2 billion, largely from the United Kingdom and Russia, and imports from members of OPEC increased \$2.0 billion, mostly from Saudi Arabia and Venezuela. U.S. domestic petroleum production increased, and domestic petroleum consumption decreased slightly.

Nonpetroleum industrial supplies and materials increased \$6.5 billion. More than 40 percent of the rise was accounted for by natural gas, mostly from Canada. Nonferrous metals also increased strongly, mostly nonmonetary gold and "other" nonferrous metals, such as nickel and copper. In addition, chemicals, iron and steel products, and steelmaking materials all rebounded after falling in the first quarter.

Capital goods increased \$0.1 billion, a marked slowdown from growth in the first quarter. Computers,

Chart 6. Imports of Petroleum and Products: Indexes of Value, Price per Barrel, and Barrels Imported per Day

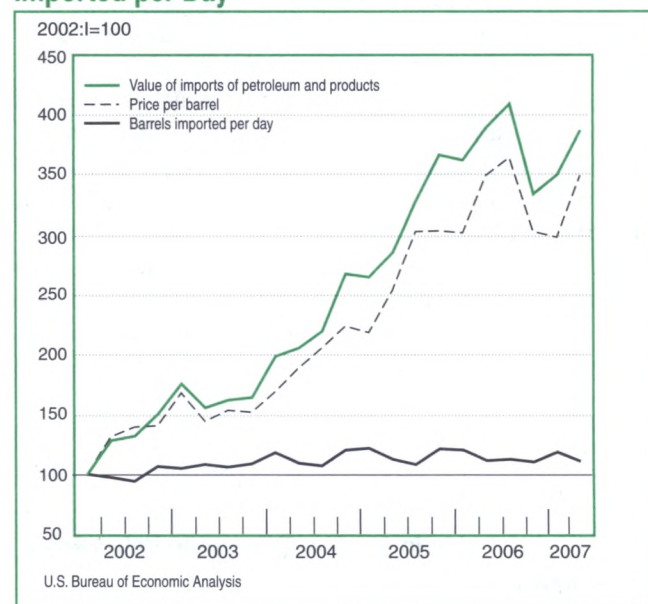


Table C. U.S. Trade in Goods in Current and Chained (2000) Dollars and Percent Changes From Previous Period

[Balance of payments basis, millions of dollars, quarters seasonally adjusted]

	Current dollars								Chained (2000) dollars ¹							
	2005	2006	2006				2007		2005 ^r	2006 ^r	2006				2007	
			I	II	III	IV	I	II ^p			I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p
Exports	894,631	1,023,109	243,880	252,458	260,285	266,486	270,116	279,339	831,967	920,741	223,434	227,805	231,902	237,389	238,576	243,700
Agricultural products.....	64,887	72,869	17,309	18,028	18,689	18,843	19,826	21,781	53,553	58,085	14,234	14,732	14,802	14,320	14,171	15,290
Nonagricultural products.....	829,744	950,240	226,571	234,430	241,596	247,643	250,290	257,558	779,871	864,444	209,617	213,471	217,529	223,642	225,026	228,833
Imports	1,681,780	1,861,380	451,637	463,734	479,184	466,825	470,983	483,552	1,535,115	1,630,244	402,956	403,626	411,681	411,877	414,780	413,066
Petroleum and products.....	251,856	302,430	73,362	78,713	82,768	67,587	70,852	78,139	141,012	138,180	36,554	33,892	34,169	33,566	35,815	33,627
Nonpetroleum products.....	1,429,924	1,558,950	378,275	385,021	396,416	399,238	400,131	405,413	1,396,656	1,504,894	367,051	373,187	381,477	383,058	381,928	384,427
	Percent change from previous period (current dollars)								Percent change from previous period (chained (2000) dollars)							
	2005	2006	2006				2007		2005 ^r	2006 ^r	2006				2007	
I			II	III	IV	I	II ^p	I ^r			II ^r	III ^r	IV ^r	I ^r	II ^p	
Exports	10.8	14.4	4.7	3.5	3.1	2.4	1.4	3.4	7.5	10.7	4.0	2.0	1.8	2.4	0.5	2.1
Agricultural products.....	3.1	12.3	4.5	4.2	3.7	0.8	5.2	9.9	5.2	8.5	4.6	3.5	0.5	-3.3	-1.0	7.9
Nonagricultural products.....	11.4	14.5	4.8	3.5	3.1	2.5	1.1	2.9	7.7	10.8	3.9	1.8	1.9	2.8	0.6	1.7
Imports	13.9	10.7	0.9	2.7	3.3	-2.6	0.9	2.7	7.0	6.2	1.4	0.2	2.0	0.0	0.7	-0.4
Petroleum and products.....	39.6	20.1	-1.1	7.3	5.2	-18.3	4.8	10.3	2.3	-2.0	-0.9	-7.3	0.8	-1.8	6.7	-6.1
Nonpetroleum products.....	10.3	9.0	1.3	1.8	3.0	0.7	0.2	1.3	7.6	7.7	1.8	1.7	2.2	0.4	-0.3	0.7

^r Revised

^p Preliminary

¹ Because chain indexes use weights of more than one period, the corresponding chained dollar estimates are usually not additive.

Note: Percent changes in quarterly estimates are not annualized and are expressed at quarterly rates.

peripherals, and parts fell substantially after rising substantially in the first quarter, and telecommunications equipment and semiconductors also decreased. These decreases were offset by increases in most other commodity categories, including electric generating machinery, "other" industrial, agricultural, and service industry machinery, and civilian aircraft, engines, and parts.

Foods, feeds, and beverages increased \$0.1 billion. Increases in vegetables, fruits, nuts, and preparations, mostly from Canada, and in green coffee were mostly offset by decreases in other commodities.

Consumer goods decreased \$1.0 billion after sizable increases in the last six consecutive quarters. The decrease resulted from declines in both nondurable and durable goods. Nondurable goods fell largely as a result of a drop in medical, dental, and pharmaceutical products from Ireland. Among durable goods, a large decrease in television and video receivers, mainly from Mexico, was partly offset by an increase in toys, shooting, and sporting goods, mainly from China.

Automotive vehicles, parts, and engines decreased \$0.3 billion. The decrease resulted from a second consecutive large quarterly decline in passenger cars, partly reflecting weak U.S. domestic sales of motor vehicles. In contrast, imports of parts and accessories and of engines increased.

Balances by area. The goods deficit increased \$3.3 billion to \$204.2 billion. Despite the increase, the goods deficit was smaller in each of the last three quarters than in each of the preceding four quarters, partly as a result of smaller deficits with Europe.

In the second quarter, the deficit increased as a result of increases in the deficits with Europe (mostly the Netherlands, the United Kingdom, and Russia), the Middle East (mostly Saudi Arabia), and Africa. In contrast, the large goods deficit with Asia and Pacific decreased, as decreases in the deficits with Japan, Taiwan, Korea, and Malaysia more than offset an increase in the deficit with China. The goods deficits with Canada and

with Latin America and Other Western Hemisphere also decreased.

Services

The surplus on services increased to \$26.5 billion in the second quarter from \$23.3 billion in the first quarter, as services receipts increased much more than services payments. The surplus on services has increased strongly in recent quarters.

Travel receipts increased \$1.3 billion to \$23.6 billion. The rise was mostly accounted for by an increase in receipts from overseas visitors to the United States. The number of overseas visitors has increased substantially in the last three quarters, partly as a result of the rise in the value of many foreign currencies against the U.S. dollar. Travel payments increased \$0.1 billion to \$18.7 billion. The number of U.S. travelers overseas has increased only slightly over the last four quarters, as the weakness of the U.S. dollar has increased the cost of travel abroad.

Passenger fare receipts increased \$0.4 billion to \$6.1 billion, and passenger fare payments decreased \$0.1 billion to \$6.7 billion.

"Other" transportation receipts increased \$0.6 billion to \$12.8 billion. The increase resulted from a substantial rise in receipts for freight services, mostly for air freight, and an increase in receipts for port services. "Other" transportation payments increased \$0.1 billion to \$16.6 billion.

"Other" private services receipts increased \$1.8 billion to \$52.5 billion. The largest increases were in receipts for financial services and for business, professional, and technical services. "Other" private services payments increased \$0.7 billion to \$31.9 billion. The largest increases were in payments for business, professional, and technical services, for financial services, and for insurance services.

Income

The surplus on income increased to \$9.4 billion in the second quarter from \$7.5 billion in the first quarter.

Receipts of income on U.S. direct investment abroad increased \$6.3 billion to \$85.8 billion. The increase mostly resulted from higher earnings of foreign affiliates in holding companies and in "other" industries, particularly mining. The increase in mining reflected higher earnings of affiliates engaged in the extraction of oil, natural gas, and metal ores. By area, earnings of affiliates in Europe accounted for the majority of the total increase.

Payments of income on foreign direct investment in the United States increased \$4.5 billion to \$36.2 billion after decreasing for two consecutive quarters. The increase largely resulted from a rise in the earnings of

Data Availability

The estimates that are presented in tables 1–11 of the U.S. international transactions accounts are available interactively on BEA's Web site at <www.bea.gov>. Users may view and download the most recent quarterly estimates for an entire table, or they may select the period, frequency, and lines that they wish to view. The estimates are available in an HTML table, in a spreadsheet file (.xls format), or as comma-separated values.

U.S. wholesale trade affiliates, particularly in petroleum wholesale trade. Earnings of U.S. affiliates in all other major industries also increased. The increase in manufacturing was partly due to a rise in earnings of petroleum manufacturing affiliates.

Both receipts and payments of “other” private income and U.S. Government income increased, largely as a result of higher average holdings. Receipts of “other” private income increased \$8.4 billion to \$103.8 billion. The increase was mostly accounted for by increases in interest receipts on bank claims and in dividend and interest receipts on U.S. holdings of foreign securities. Government income receipts increased \$0.1 billion to \$0.6 billion.

Payments of “other” private income increased \$6.6 billion to \$103.6 billion. The increase was mostly accounted for by increases in interest payments on bank liabilities and in interest and dividend payments on foreign holdings of U.S. securities. Payments of income on U.S. Government liabilities increased \$1.8 billion to \$39.4 billion.

Unilateral current transfers

Net unilateral current transfers to foreigners were \$22.5 billion in the second quarter, down from \$27.0 billion in the first quarter. The decrease resulted from a drop in U.S. Government grants, which were boosted in the first quarter by disbursements of grants to Israel and Egypt.

Capital Account

Net capital account payments (outflows) were virtually unchanged, at \$0.6 billion, in the second quarter.

Financial Account

Net financial inflows—net acquisitions by foreign residents of assets in the United States less net acquisitions by U.S. residents of assets abroad—were \$150.9 billion in the second quarter, down from \$181.9 billion in the first quarter.³ Net acquisitions by U.S. residents picked up more than net acquisitions by foreign residents.

U.S.-owned assets abroad

Net U.S.-owned assets abroad increased \$469.5 billion in the second quarter after an increase of \$449.5 billion in the first quarter. The pickup was attributable to a larger increase in claims reported by U.S. nonbanking concerns in the second quarter than in the first quarter. In contrast, U.S. claims on foreigners reported by U.S.

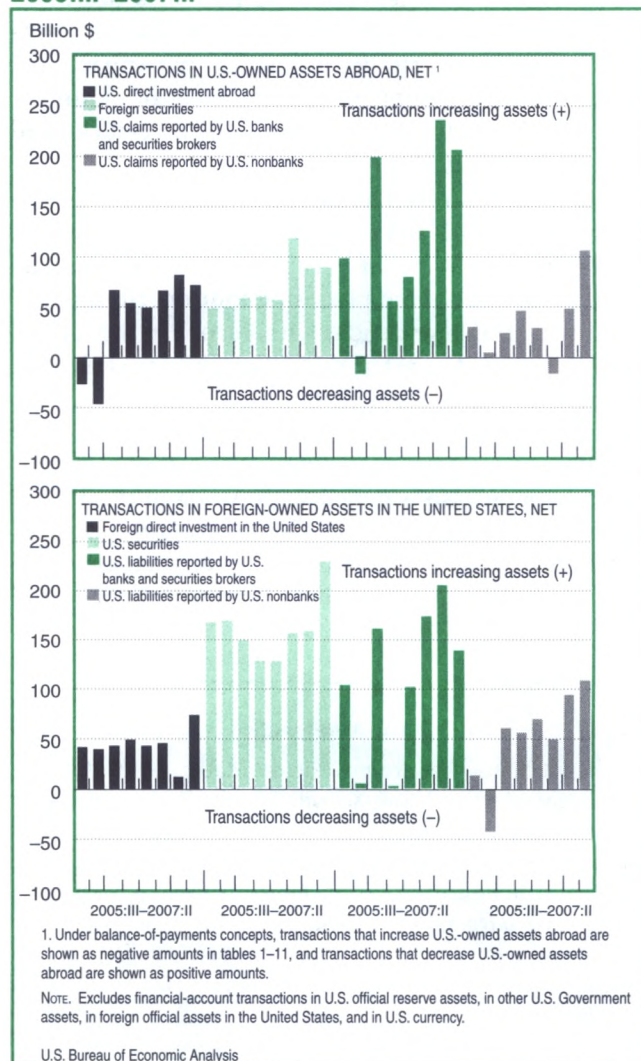
banks increased less in the second quarter than in the first quarter, and direct investment slowed.

U.S. official reserve assets. U.S. official reserve assets decreased less than \$0.1 billion in the second quarter after an increase of \$0.1 billion in the first quarter. The small decrease mostly resulted from a decrease in the U.S. reserve position in the International Monetary Fund (IMF), reflecting the repayment of U.S. dollars to the IMF by foreign countries.

Claims reported by banks and by nonbanks. U.S. claims on foreigners reported by U.S. banks and securities brokers increased \$203.9 billion in the second quarter after an increase of \$233.4 billion in the first quarter (chart 7).

Banks’ own claims denominated in dollars increased \$102.8 billion after an increase of \$219.6 billion. The slowdown mostly reflected a sharp slowdown in lending by foreign-owned banks in the United States to banks abroad. Lending by U.S. brokers and dealers

Chart 7. Selected Financial-Account Transactions, 2005:III–2007:II



3. In the second quarter, net financial inflows exclude transactions in financial derivatives because data are not yet available. In the first quarter, net financial inflows excluding transactions in financial derivatives were \$167.1 billion.

slowed somewhat but remained substantial; second-quarter lending was mostly in the form of resale agreements to banks and nonbanks in Europe, where credit demand had been strengthened by elevated merger and acquisition activity and robust economic growth. In addition, U.S.-owned banks lent funds to foreign nonbanks in Europe. Banks' own claims decreased substantially in June, but they rebounded by a similar amount in July.

Banks' domestic customers' claims denominated in dollars increased \$83.0 billion after an increase of \$1.7 billion. The second-quarter increase mostly resulted from a very large increase in customers' holdings of foreign short-term debt, particularly negotiable certificates of deposit and "other" short-term instruments.

Claims reported by U.S. nonbanking concerns increased \$105.6 billion in the second quarter after an increase of \$47.8 billion in the first quarter. The second-quarter increase was largely attributable to increased deposits in Caribbean financial centers.

Foreign securities. Net U.S. purchases of foreign securities were \$88.1 billion in the second quarter, up slightly from \$87.2 billion in the first quarter. An increase in net U.S. purchases of foreign bonds was largely offset by a decrease in net U.S. purchases of foreign stocks.

Net U.S. purchases of foreign stocks were \$40.3 billion, down from \$43.5 billion (chart 8). Net U.S. purchases have been substantial in the last three quarters, partly in response to the consistently stronger performance of foreign stock markets than of the U.S. stock market, particularly in U.S. dollar terms. In the second quarter, net U.S. purchases of stocks from Europe decreased but remained strong, and net U.S. sales to Caribbean financial centers increased. In contrast, net U.S. purchases from Latin America and Asia increased.

Net U.S. purchases of foreign bonds were \$47.8 billion, up from \$43.7 billion (chart 8). Net U.S. purchases were strong for the fifth consecutive quarter. In the second quarter, foreign bond prices turned down amid concerns about rising inflation. The increase in net U.S. purchases of foreign bonds largely reflected a shift to net U.S. purchases of bonds from Latin America. In contrast, net U.S. sales to Asia increased, and net U.S. purchases from Europe decreased slightly but remained very strong. Early in the third quarter, transactions in foreign bonds shifted substantially to net U.S. sales, as credit spreads on riskier assets increased sharply.

Direct investment. Net financial flows for U.S. direct investment abroad were \$71.5 billion in the second quarter, down from \$81.4 billion in the first quarter. The slowdown was largely accounted for by a shift from an increase to a decrease in net U.S. inter-

company debt investment abroad that resulted from shifts to decreases in debt investment in finance and holding company affiliates. In addition, net equity capital investment abroad slowed, mostly as a result of a rise in U.S. parents' sales of existing affiliates. Acquisitions of new affiliates were substantial as a result of acquisitions of holding company and finance affiliates. Reinvested earnings increased, mostly as a result of higher earnings by affiliates in Europe.

Foreign-owned assets in the United States

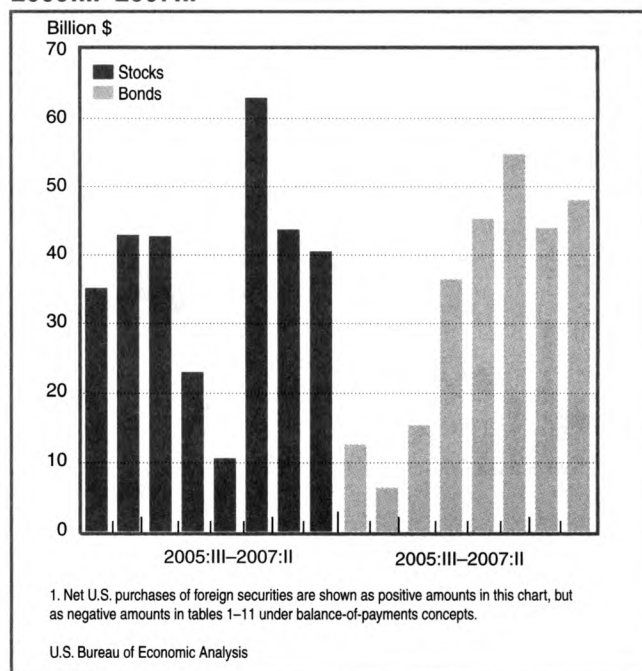
Net foreign-owned assets in the United States increased \$620.4 billion in the second quarter after an increase of \$616.6 billion in the first quarter. The slight pickup was the result of large, mostly offsetting changes in several categories of foreign-owned assets.

Foreign official assets. Foreign official assets in the United States increased \$70.1 billion in the second quarter after an increase of \$152.2 billion in the first quarter. The considerable slowdown reflected a slowdown in the accumulation of assets by Asian countries and a decrease in assets of European countries after a first-quarter increase.

Liabilities reported by banks and by nonbanks. U.S. liabilities reported by U.S. banks and securities brokers, excluding U.S. Treasury securities, increased \$137.8 billion in the second quarter after an increase of \$203.6 billion in the first quarter.

Banks' own liabilities denominated in dollars increased \$109.3 billion after an increase of \$166.0 billion. The slowdown reflected a sharp slowdown in

Chart 8. Net U.S. Purchases of Foreign Securities, 2005:III–2007:II ¹



borrowing by U.S. brokers and dealers through repurchase agreements. In contrast, borrowing by U.S. banks picked up substantially, mostly in the form of deposits from banks in Caribbean financial centers. Banks' own liabilities decreased strongly in June, but they rebounded by a similar amount in July.

Banks' customers' liabilities denominated in dollars decreased \$1.8 billion after an increase of \$30.8 billion. The decrease was more than accounted for by a decrease in "other" liabilities, mostly as a result of loan repayments.

U.S. liabilities reported by U.S. nonbanking concerns increased \$108.1 billion after an increase of \$93.6 billion. The second-quarter increase mostly reflected an increase in borrowing from the United Kingdom and Caribbean financial centers.

U.S. Treasury securities. Transactions in U.S. Treasury securities shifted to net foreign sales of \$7.6 billion in the second quarter from net foreign purchases of \$44.6 billion in the first quarter (chart 9). Prices of long-term U.S. Treasury securities decreased through most of the quarter, and yields on 10-year securities rose to the highest levels since mid-2002. Net foreign purchases of long-term U.S. Treasury securities slowed sharply, and transactions in short-term securities shifted to net foreign sales.

Other U.S. securities. Net foreign purchases of U.S. securities other than U.S. Treasury securities were a record \$235.1 billion in the second quarter, up from \$112.3 billion in the first quarter. The sharp increase resulted from a surge in net foreign purchases of U.S. stocks and a shift to net foreign purchases of federally

sponsored agency bonds. Net foreign purchases of U.S. corporate bonds slowed but remained strong.

Net foreign purchases of U.S. stocks were a record \$104.2 billion, up sharply from \$43.5 billion (chart 9). Net foreign purchases were fueled by a strong rise in U.S. stock prices, largely resulting from continued growth in U.S. corporate profits, robust merger and acquisition activity, and an accelerating stream of stock buybacks. Net purchases from Europe, primarily the United Kingdom, and from Caribbean financial centers increased strongly.

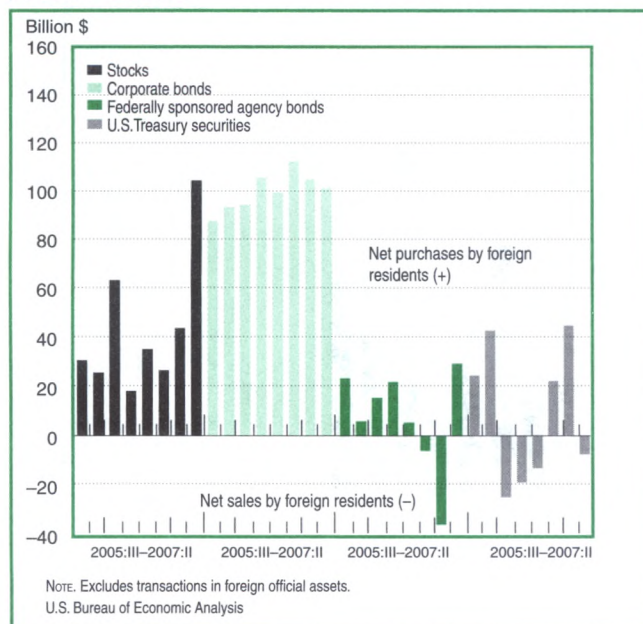
Net foreign purchases of U.S. corporate bonds fell slightly to \$101.3 billion from \$104.9 billion but remained strong (chart 9). Net foreign purchases continued to be supported by robust U.S. corporate profits, low U.S. bond default rates, and the higher yields available on U.S. corporate bonds than on bonds in most major foreign markets. Net purchases were especially strong in May but slowed sharply in June, when credit spreads began to increase as deteriorating conditions in the market for subprime mortgages led to downgrades of some securities backed by those mortgages. Early in the third quarter, net foreign purchases of U.S. corporate bonds slowed further, as additional downgrades of mortgage-related securities caused spreads to increase in other parts of the U.S. credit market.

Transactions in U.S. federally sponsored agency bonds shifted to net foreign purchases of \$29.6 billion from net foreign sales of \$36.1 billion. Transactions by investors in Europe and Asia shifted to net purchases from net sales.

U.S. currency. Transactions in U.S. currency shifted to the more typical net U.S. shipments to foreign countries of \$3.3 billion in the second quarter from net foreign shipments to the United States of \$1.6 billion in the first quarter.

Direct investment. Net financial flows for foreign direct investment in the United States were \$73.6 billion in the second quarter, up from \$11.9 billion in the first quarter. The substantial pickup was mostly accounted for by a rise in net equity capital investment in the United States and a shift from a decrease to an increase in net intercompany debt investment in the United States. The rise in net equity capital investment, to the highest level since the fourth quarter of 2001, resulted from a few large acquisitions of affiliates and capital injections to existing affiliates, mostly in manufacturing and in finance and insurance. The shift in net intercompany debt investment largely reflected shifts to increases in investment in finance and "other" industries. Reinvested earnings also increased, as earnings increased and distributed earnings decreased.

Chart 9. Transactions in U.S. Securities, 2005:III–2007:II



Tables 1 through 11 follow.

Table 1. U.S. International Transactions
 (Millions of dollars)

Line	(Credits +; debits -) ¹	Not seasonally adjusted											Seasonally adjusted					
		2006											2007					
		2006		2006		2006		2006		2007		2007		2007		2007		
		I	II	III	IV	I	II	I	II	III	IV	I	II	III	IV	I	II	
Current account																		
1	Exports of goods and services and income receipts	2,096,165	489,772	524,226	528,476	553,692	552,813	592,318	494,027	518,595	532,894	550,649	558,369	586,698				
2	Exports of goods and services	1,445,703	342,119	360,837	362,051	380,696	377,567	399,803	345,636	356,575	365,868	377,623	382,156	395,689				
3	Goods, balance of payments basis ²	1,023,109	242,019	258,538	254,059	268,493	267,879	285,234	243,880	252,458	260,285	266,486	270,116	279,339				
4	Services ³	422,594	100,100	102,299	107,992	112,203	109,688	114,568	101,756	104,117	105,583	111,137	112,040	116,350				
5	Transfers under U.S. military agency sales contracts ⁴	17,112	4,531	4,188	4,102	4,291	4,291	4,259	4,070	4,531	4,188	4,102	4,291	4,259				
6	Travel	85,694	18,785	22,050	24,006	20,853	19,712	24,563	20,845	21,212	21,527	22,110	22,297	23,618				
7	Passenger fares	22,187	5,223	5,233	6,032	5,698	5,520	5,917	5,387	5,328	5,696	5,785	5,706	6,117				
8	Other transportation	46,297	10,866	11,640	11,954	11,837	11,903	12,676	11,038	11,754	11,716	11,709	12,157	12,791				
9	Royalties and license fees ⁵	62,378	14,277	15,051	15,514	17,536	15,889	16,949	14,923	15,196	15,815	16,444	16,645	16,959				
10	Other private services ⁵	187,771	46,141	43,850	46,090	51,691	52,109	50,105	44,745	46,153	46,433	50,441	50,680	52,507				
11	U.S. Government miscellaneous services	1,155	277	286	294	297	296	289	277	286	294	297	296	289				
12	Income receipts	650,462	147,653	163,389	166,425	172,996	175,245	192,515	148,391	162,020	167,026	173,025	176,213	191,009				
13	Income receipts on U.S.-owned assets abroad	647,582	146,932	162,662	165,713	172,276	174,516	191,782	147,670	161,923	166,314	172,305	175,848	190,276				
14	Direct investment receipts	310,224	72,512	79,156	77,783	80,774	78,479	87,392	73,304	77,702	78,372	80,846	79,478	85,819				
15	Other private receipts	334,958	73,776	83,004	87,348	90,830	95,467	103,849	73,776	83,004	87,348	90,830	95,467	103,849				
16	U.S. Government receipts	2,400	644	502	582	672	570	541	590	587	594	629	539	606				
17	Compensation of employees	2,880	721	727	720	729	729	733	721	727	712	720	729	733				
18	Imports of goods and services and income payments	-2,818,047	-651,964	-708,953	-736,448	-720,683	-705,661	-762,559	-673,277	-700,504	-726,352	-717,914	-728,472	-755,031				
19	Imports of goods and services	-2,204,225	-514,348	-556,647	-574,860	-558,370	-537,256	-579,984	-535,348	-549,153	-565,175	-554,549	-559,737	-573,377				
20	Goods, balance of payments basis ²	-1,861,380	-435,242	-468,288	-485,730	-472,120	-453,631	-486,927	-451,637	-463,734	-479,184	-466,825	-470,983	-483,552				
21	Services ³	-342,845	-79,106	-88,359	-89,130	-86,250	-83,625	-93,057	-83,711	-85,419	-89,981	-87,724	-88,754	-89,825				
22	Direct defense expenditures	-31,054	-7,726	-7,737	-7,990	-7,601	-7,924	-8,001	-7,726	-7,737	-7,990	-7,601	-7,924	-8,001				
23	Travel	-72,029	-14,933	-20,596	-20,549	-15,951	-15,917	-21,355	-17,582	-18,077	-18,015	-18,355	-18,582	-18,661				
24	Passenger fares	-27,503	-6,176	-7,528	-7,257	-6,542	-6,157	-7,344	-6,748	-6,927	-6,889	-6,939	-6,799	-6,749				
25	Other transportation	-65,282	-15,471	-16,531	-17,037	-16,243	-15,568	-16,793	-16,025	-16,401	-16,491	-16,365	-16,490	-16,572				
26	Royalties and license fees ⁵	-26,432	-6,398	-6,135	-6,092	-7,808	-6,405	-6,537	-6,767	-6,532	-6,497	-6,386	-6,810	-6,939				
27	Other private services ⁵	-116,524	-27,407	-28,816	-29,183	-31,118	-30,638	-32,003	-27,867	-28,728	-29,087	-30,841	-31,133	-31,879				
28	U.S. Government miscellaneous services	-4,021	-986	-1,016	-1,022	-987	-1,016	-1,024	-996	-1,016	-1,022	-987	-1,016	-1,024				
29	Income payments	-613,823	-137,615	-152,306	-161,588	-162,313	-168,406	-182,575	-137,929	-151,352	-161,177	-163,365	-168,735	-181,654				
30	Income payments on foreign-owned assets in the United States	-604,410	-135,329	-150,062	-159,256	-159,763	-166,112	-180,262	-135,607	-149,004	-158,823	-160,977	-166,422	-179,238				
31	Direct investment payments	-136,010	-31,021	-34,113	-38,318	-32,558	-31,408	-37,206	-31,299	-33,055	-37,885	-33,772	-31,718	-36,181				
32	Other private payments	-334,645	-73,830	-83,037	-86,607	-91,171	-97,066	-103,628	-73,830	-83,037	-86,607	-91,171	-97,066	-103,628				
33	U.S. Government payments	-133,755	-30,478	-32,912	-34,331	-36,034	-37,638	-39,429	-30,478	-32,912	-34,331	-36,034	-37,638	-39,429				
34	Compensation of employees	-9,412	-2,286	-2,244	-2,332	-2,550	-2,293	-2,312	-2,322	-2,348	-2,354	-2,388	-2,313	-2,416				
35	Unilateral current transfers, net	-89,595	-21,989	-22,860	-23,923	-20,823	-27,535	-21,862	-21,360	-23,886	-23,877	-20,673	-26,994	-22,457				
36	U.S. Government grants ⁶	-27,142	-5,671	-7,226	-7,741	-6,504	-10,372	-5,455	-5,671	-7,226	-7,741	-6,504	-10,372	-5,455				
37	U.S. Government pensions and other transfers	-6,508	-1,740	-1,277	-1,465	-2,026	-1,540	-1,780	-1,614	-1,627	-1,620	-1,647	-1,700	-1,732				
38	Private remittances and other transfers ⁶	-55,945	-14,578	-14,357	-14,717	-12,293	-15,623	-14,627	-14,075	-14,833	-14,516	-12,522	-14,922	-15,270				
Capital account																		
39	Capital account transactions, net	-3,913	-1,724	-1,008	-545	-637	-559	-589	-1,724	-1,008	-545	-637	-559	-589				
Financial account																		
40	U.S.-owned assets abroad, excluding financial derivatives (increase/financial outflow (-))	-1,055,176	-350,441	-211,860	-213,420	-279,455	-455,675	-471,111	-344,032	-212,218	-209,898	-289,028	-449,454	-469,470				
41	U.S. official reserve assets	2,374	513	-560	1,006	1,415	-72	26	513	-560	1,006	1,415	-72	26				
42	Gold ⁷	0	0	0	0	0	0	0	0	0	0	0	0	0				
43	Special drawing rights	-223	-67	-51	-54	-51	-43	-39	-67	-51	-54	-51	-43	-39				
44	Reserve position in the International Monetary Fund	3,331	729	-351	1,275	1,678	212	294	729	-351	1,275	1,678	212	294				
45	Foreign currencies	-734	-149	-158	-215	-212	-212	-229	-149	-158	-215	-212	-241	-229				
46	U.S. Government assets, other than official reserve assets	5,346	1,049	1,765	1,570	962	445	-493	1,049	1,765	1,570	962	445	-493				
47	U.S. credits and other long-term assets	-2,992	-1,517	-376	-592	-507	-608	-1,365	-1,517	-376	-592	-507	-608	-1,365				
48	Repayments on U.S. credits and other long-term assets ⁸	8,329	2,558	2,147	2,170	1,454	1,091	884	2,558	2,147	2,170	1,454	1,091	884				
49	U.S. foreign currency holdings and U.S. short-term assets	9	8	6	8	15	38	12	8	6	8	15	38	12				
50	U.S. private assets	-1,062,896	-352,003	-213,065	-215,996	-281,832	-456,048	-470,644	-345,994	-213,432	-212,474	-291,405	-449,827	-469,003				
51	Direct investment	-235,358	-72,911	-53,386	-52,540	-56,521	-87,628	-73,164	-66,502	-53,744	-49,018	-66,094	-81,407	-71,523				
52	Foreign securities	-289,422	-57,993	-59,003	-55,496	-117,230	-87,206	-88,051	-57,693	-59,003	-55,496	-117,230	-87,206	-88,051				
53	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	-83,531	-24,302	-45,885	-29,162	15,818	-47,830	-105,557	-24,302	-45,885	-29,162	15,818	-47,830	-105,557				
54	U.S. claims reported by U.S. banks, not included elsewhere	-454,585	-197,097	-54,791	-78,798	-123,899	-233,384	-203,872	-197,097	-54,791	-78,798	-123,899	-233,384	-203,872				
55	Foreign-owned assets in the United States, excluding financial derivatives (increase/financial inflow (+))	1,859,597	538,077	356,824	452,097	512,598	617,444	622,280	538,140	355,442	449,987	516,029	616,602	620,405				
56	Foreign official assets in the United States	440,264	125,257	120,861	108,799	85,347	152,193	70,098	125,257	120,861	108,799	85,347	152,193	70,098				
57	U.S. Government securities	380,734	112,338	65,626	107,972	94,798	110,772	43,275	112,338	65,626	107,972	94,798	110,772	43,275				
58	U.S. Treasury securities ⁹	189,181	65,124	24,262	52,746	47,049	37,705	-13,125	65,124	24,262	52,746	47,049	37,705	-13,125				
59	Other ¹⁰	191,553	47,214	41,364	55,226	47,749	73,067	56,400	47,214	41,364	55,226	47,749	73,067	56,400				
60	Other U.S. Government liabilities ¹¹	3,133	26	824	1,154													

Table 2. U.S. Trade in Goods—Continues

[Millions of dollars]

Line	2006	Not seasonally adjusted						Seasonally adjusted						
		2006				2007		2006				2007		
		I	II	III	IV	I	II ^P	I	II	III	IV	I	II ^P	
A	Balance of payments adjustments to Census trade data:													
	EXPORTS													
1	Exports of goods, Census basis ¹ including reexports and including military grant shipments.....	1,036,635	244,654	261,466	257,659	272,856	271,512	288,877	246,515	255,386	263,885	270,849	273,750	282,981
	Adjustments:													
2	Private gift parcel remittances.....	877	215	219	209	234	253	262	215	219	209	234	253	262
3	Gold exports, nonmonetary.....	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Inland U.S. freight to Canada.....													
5	U.S.-Canadian reconciliation adjustments, n.e.c., net ²													
6	Exports transferred under U.S. military agency sales contracts identified in Census documents ³	-10,630	-2,027	-2,148	-2,880	-3,575	-2,866	-2,788	-2,027	-2,148	-2,880	-3,575	-2,866	-2,788
7	Other adjustments, net ⁴	-3,773	-823	-999	-929	-1,022	-1,020	-1,117	-823	-999	-929	-1,022	-1,020	-1,117
8	Equals: Exports of goods, adjusted to balance of payments basis, excluding "military" (table 1, line 3).....	1,023,109	242,019	258,538	254,059	268,493	267,879	285,234	243,880	252,458	260,285	266,486	270,116	279,339
	IMPORTS													
9	Imports of goods, Census basis ¹ (general imports).....	1,853,938	433,304	466,570	483,795	470,269	451,037	483,855	449,699	462,016	477,249	464,974	468,389	480,481
	Adjustments:													
10	Electric energy.....	549	167	94	137	151	150	150	167	94	137	151	150	150
11	Gold imports, nonmonetary.....	0	0	0	0	0	838	1,397	0	0	0	0	838	1,397
12	Inland freight in Canada.....	5,208	1,298	1,358	1,299	1,253	1,323	1,299	1,298	1,358	1,299	1,253	1,323	1,299
13	U.S.-Canadian reconciliation adjustment, n.e.c., net ²													
14	Imports of U.S. military agencies identified in Census documents ³	-1,242	-273	-385	-264	-320	-363	-445	-273	-385	-264	-320	-363	-445
15	Other adjustments, net ⁵	2,927	746	651	763	767	646	671	746	651	763	767	646	671
16	Equals: Imports of goods, adjusted to balance of payments basis, excluding "military" (table 1, line 20).....	1,861,380	435,242	468,288	485,730	472,120	453,631	486,927	451,637	463,734	479,184	466,825	470,983	483,552
B	Trade in goods, by area and country, adjusted to balance of payments basis, excluding military: ⁷													
	EXPORTS													
1	Total, all countries.....	1,023,109	242,019	258,538	254,059	268,493	267,879	285,234	243,880	252,458	260,285	266,486	270,116	279,339
2	Europe.....	241,274	56,879	62,357	58,645	63,393	68,591	71,888	57,388	60,779	59,958	63,149	69,286	70,143
3	European Union.....	210,169	49,717	54,476	51,013	54,963	60,687	60,895	50,201	53,070	52,126	54,772	61,319	59,368
4	Euro area.....	153,696	36,466	39,208	37,164	40,858	44,568	43,831	36,847	38,195	37,954	40,700	45,074	42,734
5	Austria.....	2,976	692	805	747	732	951	756	701	785	758	732	976	737
6	Belgium.....	21,232	4,744	5,352	5,258	5,878	5,758	6,339	4,801	5,207	5,362	5,862	5,829	6,175
7	France.....	23,990	6,227	6,341	5,514	5,908	6,898	6,941	6,300	6,165	5,627	5,898	7,017	6,756
8	Germany.....	40,743	9,388	10,056	10,262	11,037	11,734	12,164	9,464	9,796	10,476	11,007	11,842	11,853
9	Ireland.....	8,503	2,388	1,925	1,854	2,336	2,653	1,916	2,405	1,879	1,890	2,329	2,682	1,869
10	Italy.....	12,272	2,954	3,324	2,853	3,141	3,436	3,415	2,995	3,234	2,920	3,123	3,471	3,329
11	Netherlands.....	30,881	7,041	8,089	7,534	8,217	8,667	7,976	7,122	7,891	7,702	8,166	8,760	7,794
12	Norway.....	2,290	561	549	596	584	670	753	566	534	610	580	676	732
13	Russia.....	4,703	1,028	1,226	1,178	1,271	1,377	1,796	1,029	1,206	1,220	1,248	1,376	1,776
14	Spain.....	7,262	1,840	1,776	1,647	1,999	2,197	2,327	1,856	1,738	1,689	1,979	2,210	2,276
15	Sweden.....	4,071	958	1,069	990	1,054	1,082	1,207	969	1,042	1,009	1,051	1,092	1,177
16	Switzerland.....	14,314	3,428	3,404	3,300	4,182	3,268	5,428	3,439	3,313	3,370	4,192	3,323	5,286
17	Turkey.....	5,475	1,180	1,598	1,495	1,202	1,469	1,660	1,184	1,575	1,542	1,174	1,460	1,655
18	United Kingdom.....	44,215	10,503	11,913	10,910	10,889	12,478	13,115	10,567	11,601	11,167	10,860	12,566	12,778
19	Other Europe.....	18,347	3,947	4,930	4,507	4,963	5,953	6,095	3,970	4,813	4,616	4,948	6,006	5,950
20	Canada ⁸.....	230,982	56,379	60,508	56,241	57,854	58,143	63,868	56,880	59,088	57,518	57,496	58,590	62,521
21	Latin America and Other Western Hemisphere.....	222,298	52,473	55,548	55,785	58,492	55,999	59,965	52,917	54,258	57,201	57,922	56,574	58,805
22	South and Central America.....	204,735	48,256	51,372	51,365	53,742	51,528	55,434	48,676	50,162	52,659	53,238	52,063	54,337
23	Argentina.....	4,761	1,049	1,165	1,289	1,228	1,362	1,058	1,133	1,314	1,256	1,239	1,326	1,326
24	Brazil.....	19,088	4,131	4,343	5,066	5,548	5,546	5,510	4,177	4,219	5,153	5,539	5,648	5,369
25	Chile.....	6,469	1,443	1,761	1,604	1,661	1,620	2,096	1,448	1,715	1,654	1,652	1,631	2,045
26	Colombia.....	6,645	1,463	1,602	1,689	1,891	1,886	1,932	1,470	1,568	1,741	1,866	1,897	1,904
27	Mexico.....	133,893	32,497	34,024	33,142	34,230	32,351	34,631	32,785	33,251	33,996	33,861	32,671	33,988
28	Venezuela.....	8,977	1,887	2,165	2,321	2,604	2,226	2,731	1,905	2,108	2,376	2,588	2,246	2,665
29	Other.....	24,902	5,786	6,312	6,254	6,550	6,671	7,172	5,833	6,168	6,425	6,476	6,731	7,039
30	Other Western Hemisphere.....	17,563	4,217	4,176	4,420	4,750	4,471	4,531	4,241	4,096	4,542	4,684	4,511	4,469
31	Asia and Pacific.....	274,532	64,055	67,155	69,589	73,733	71,016	75,478	64,365	65,665	71,448	73,054	71,533	74,114
32	Australia.....	17,151	4,105	4,099	4,435	4,512	4,250	4,480	4,167	3,979	4,522	4,483	4,298	4,364
33	China.....	55,038	12,494	13,146	14,423	14,975	14,535	15,933	12,492	12,898	14,828	14,820	14,577	15,635
34	Hong Kong.....	17,749	3,981	4,481	4,601	4,686	4,612	4,788	4,003	4,372	4,709	4,665	4,653	4,682
35	India.....	9,990	2,125	2,505	2,651	2,709	2,882	3,380	2,143	2,443	2,700	2,704	2,929	3,284
36	Indonesia.....	3,062	692	803	767	800	844	1,131	690	802	801	769	834	1,140
37	Japan.....	57,593	13,887	14,228	14,715	14,763	15,113	15,411	13,926	13,959	15,187	14,521	15,175	15,242
38	Korea, Republic of.....	31,418	7,770	7,689	8,033	7,926	7,820	8,680	7,812	7,515	8,233	7,858	7,895	8,530
39	Malaysia.....	12,462	3,108	3,360	3,103	2,891	2,901	2,781	3,114	3,280	3,180	2,888	2,933	2,717
40	Philippines.....	7,584	1,889	1,804	1,961	1,930	1,879	1,922	1,906	1,761	2,014	1,903	1,891	1,893
41	Singapore.....	24,255	5,266	5,697	5,867	7,425	6,689	6,172	5,313	5,536	5,967	7,439	6,759	6,005
42	Taiwan.....	22,645	4,934	5,922	5,564	6,225	5,447	6,880	4,965	5,786	5,734	6,160	5,493	6,760
43	Thailand.....	8,042	1,667	1,837	1,821	2,717	1,837	1,888	1,681	1,794	1,868	2,699	1,864	1,853
44	Other.....	7,543	2,137	1,584	1,648	2,174	2,207	2,032	2,153	1,540	1,705	2,145	2,232	2,009
45	Middle East.....	35,795	8,453	8,868	8,886	9,588	8,789	9,175	8,543	8,646	9,090	9,516	8,950	8,950
46	Israel.....	9,535	2,281	2,400	2,343	2,511	2,744	2,734	2,310	2,332	2,398	2,495	2,772	2,654
47	Saudi Arabia.....	7,338	1,485	1,864	2,010	1,979	1,815	2,022	1,815	2,054	1,971	1,971	1,821	1,975
48	Other.....	18,922	4,687	4,604	4,533	5,098	4,230	4,419	4,735	4,499	4,638	5,050	4,202	4,322
49	Africa.....	18,228	3,780	4,102	4,913	5,433	5,341	4,860	3,787	4,022	5,070	5,349	5,338	4,805
50	Algeria.....	1,098	184	335	323	256	279	281	186	330	332	250	279	278
51	Nigeria.....	2,228	440	550	645	593</								

Table 2. U.S. Trade in Goods—Continues
 (Millions of dollars)

Line	2006	Not seasonally adjusted						Seasonally adjusted						
		2006				2007		2006				2007		
		I	II	III	IV	I	II P	I	II	III	IV	I	II P	
B	Trade in goods, by area and country, adjusted to balance of payments basis, excluding military ¹—Continued.													
	IMPORTS													
56	Total, all countries	1,851,380	435,242	468,288	485,730	472,120	453,631	486,927	451,637	463,734	479,184	466,825	470,983	483,552
57	Europe	383,812	90,066	99,260	97,412	97,074	94,568	104,117	93,090	98,475	96,400	95,847	97,753	103,586
58	European Union	330,382	78,307	85,013	82,857	84,205	83,391	89,885	80,752	84,430	82,161	83,039	86,075	89,571
59	Euro area	246,862	58,667	62,974	61,909	63,312	63,250	67,519	60,459	62,558	61,415	62,430	65,241	67,333
60	Austria	8,340	1,793	1,872	1,935	2,740	2,320	2,621	1,836	1,872	1,935	2,697	2,394	2,623
61	Belgium	14,406	3,689	3,791	3,642	3,284	3,563	4,219	3,812	3,756	3,603	3,235	3,668	4,185
62	France	37,036	8,963	9,446	9,000	9,627	9,647	10,265	9,239	9,381	8,935	9,481	9,958	10,241
63	Germany	89,237	21,617	22,600	21,883	23,137	22,194	23,362	22,221	22,489	21,742	22,785	22,884	23,347
64	Ireland	28,591	7,092	7,166	7,341	6,992	8,066	7,624	7,267	7,118	7,319	6,887	8,295	7,626
65	Italy	32,660	7,641	8,413	8,161	8,445	8,053	8,600	7,877	8,362	8,104	8,317	8,305	8,584
66	Netherlands	17,294	3,780	4,525	4,827	4,162	3,660	4,499	3,960	4,459	4,722	4,153	3,793	4,454
67	Norway	6,978	1,747	1,760	1,898	1,573	1,625	2,008	1,859	1,710	1,813	1,596	1,727	1,954
68	Russia	19,829	3,938	5,848	6,141	3,902	3,823	5,198	4,193	5,734	5,957	3,945	4,026	5,075
69	Spain	9,773	2,064	2,673	2,430	2,606	3,275	3,450	2,145	2,648	2,401	2,579	3,357	3,424
70	Sweden	13,901	3,522	3,813	3,099	3,467	3,434	3,550	3,626	3,787	3,073	3,415	3,545	3,543
71	Switzerland	14,239	3,264	3,525	3,343	4,107	3,425	4,253	3,364	3,518	3,338	4,019	3,533	4,254
72	Turkey	5,351	1,287	1,396	1,366	1,302	1,161	1,158	1,328	1,391	1,354	1,278	1,198	1,153
73	United Kingdom	53,187	12,278	14,082	13,444	13,383	12,540	14,563	12,701	13,970	13,300	13,216	12,988	14,451
74	Other Europe	32,990	7,391	8,350	8,902	8,347	7,782	8,747	7,662	8,280	8,804	8,244	8,062	8,672
75	Canada ²	306,067	77,097	78,711	75,141	75,118	75,917	81,487	79,835	77,904	74,023	74,305	78,824	80,945
76	Latin America and Other Western Hemisphere	334,877	80,941	85,061	87,097	81,778	79,570	85,599	84,454	83,857	85,374	81,192	83,007	84,675
77	South and Central America	316,292	76,318	79,939	82,655	77,380	74,959	80,729	79,621	78,834	81,040	76,797	78,173	79,871
78	Argentina	3,981	1,100	937	938	1,006	1,058	1,000	1,151	916	913	1,001	1,118	985
79	Brazil	26,373	6,085	6,266	7,511	6,511	5,914	6,388	6,311	6,219	7,417	6,426	6,137	6,343
80	Chile	9,563	2,442	2,365	2,607	2,149	2,531	2,187	2,510	2,349	2,587	2,117	2,610	2,189
81	Colombia	9,269	2,299	2,533	2,521	1,916	2,033	2,035	2,422	2,487	2,457	1,903	2,140	2,001
82	Mexico	201,196	48,172	51,232	51,160	50,632	49,469	52,876	49,979	50,720	50,461	50,036	51,315	52,550
83	Venezuela	37,134	9,231	9,431	10,403	8,069	7,484	9,588	9,970	9,072	9,821	8,271	8,110	9,200
84	Other	28,776	6,989	7,175	7,515	7,097	6,470	6,655	7,278	7,071	7,384	7,043	6,743	6,603
85	Other Western Hemisphere	18,585	4,623	5,122	4,442	4,398	4,611	4,869	4,833	5,023	4,334	4,395	4,834	4,804
86	Asia and Pacific	684,297	153,421	165,236	182,348	183,292	168,368	174,067	158,072	164,645	181,573	180,007	173,742	173,983
87	Australia	8,147	1,828	2,025	2,127	2,167	1,885	2,187	1,872	2,013	2,117	2,145	1,936	2,187
88	China	288,125	59,907	67,852	79,007	81,359	71,454	76,651	61,795	67,687	78,796	79,847	73,763	76,659
89	Hong Kong	8,160	2,034	1,983	2,233	1,910	1,522	1,705	2,093	1,975	2,225	1,867	1,570	1,705
90	India	21,845	5,268	5,111	5,870	5,596	5,830	5,887	5,426	5,093	5,832	5,494	6,004	5,875
91	Indonesia	13,425	3,159	3,200	3,699	3,367	3,496	3,425	3,253	3,184	3,674	3,314	3,611	3,419
92	Japan	148,559	35,557	36,703	36,982	39,317	36,234	35,661	36,574	36,569	36,813	38,603	37,382	35,672
93	Korea, Republic of	45,811	11,226	11,512	11,559	11,514	12,015	12,293	11,594	11,428	11,452	11,337	12,425	12,238
94	Malaysia	36,537	8,170	8,989	9,992	9,386	8,279	7,643	8,409	8,956	9,940	9,232	8,540	7,641
95	Philippines	9,696	2,358	2,344	2,624	2,370	2,273	2,174	2,424	2,335	2,614	2,323	2,341	2,174
96	Singapore	17,712	4,030	4,408	4,765	4,509	4,657	4,733	4,147	4,394	4,744	4,427	4,797	4,728
97	Taiwan	38,414	8,827	9,579	10,240	9,768	8,989	9,473	9,087	9,542	10,188	9,597	9,273	9,465
98	Thailand	22,471	5,173	5,350	6,063	5,885	5,392	5,561	5,322	5,331	6,041	5,777	5,552	5,556
99	Other	25,395	5,884	6,180	7,187	6,144	6,342	6,673	6,076	6,138	7,137	6,044	6,548	6,664
100	Middle East	71,907	16,027	19,240	20,101	16,539	15,393	18,878	17,106	18,734	19,305	16,762	16,377	18,351
101	Israel	19,174	4,536	4,949	4,770	4,919	4,865	5,306	4,669	4,914	4,752	4,839	5,004	5,300
102	Saudi Arabia	31,688	7,158	8,646	8,798	7,086	6,223	8,550	7,763	8,321	8,303	7,301	6,762	8,185
103	Other	21,045	4,333	5,645	6,533	4,534	4,305	5,022	4,674	5,499	6,250	4,622	4,611	4,866
104	Africa	80,420	17,690	20,780	23,631	18,319	19,815	22,778	19,080	20,119	22,509	18,712	21,280	22,011
105	Algeria	15,456	2,689	4,090	5,324	3,353	3,806	4,870	2,953	3,967	5,060	3,476	4,126	4,678
106	Nigeria	27,863	6,971	7,452	7,331	6,109	6,872	7,065	7,563	7,135	6,894	6,271	7,464	6,775
107	South Africa	7,501	1,605	1,999	1,968	1,929	2,047	2,323	1,650	1,993	1,961	1,897	2,116	2,323
108	Other	29,600	6,425	7,239	9,008	6,928	7,090	8,519	6,914	7,024	8,594	7,068	7,574	8,236
109	International organizations and unallocated	0	0	0	0	0	0	0	0	0	0	0	0	0
	Memorandum:													
110	Members of OPEC	145,368	33,169	38,289	41,652	32,258	35,080	41,798	35,800	36,988	39,556	33,024	37,840	40,242

See the footnotes on pages 180-181.

Table 2. U.S. Trade in Goods—Continues

[Millions of dollars]

Line	2006	Not seasonally adjusted						Seasonally adjusted								
		2006				2007		2006				2007				
		I	II	III	IV	I	II ^P	I	II	III	IV	I	II ^P			
B Trade in goods, by area and country, adjusted to balance of payments basis, excluding military⁷—Continued:																
BALANCE (EXCESS OF EXPORTS +)																
111 Total, all countries	-838,271	-193,223	-209,750	-231,671	-203,627	-185,752	-201,693	-207,757	-211,276	-218,899	-200,339	-200,867	-204,213			
112 Europe	-142,538	-33,187	-36,903	-38,767	-33,681	-25,977	-32,229	-35,702	-37,696	-36,442	-32,698	-28,467	-33,443			
113 European Union	-120,213	-28,590	-30,537	-31,844	-29,242	-22,704	-28,990	-30,551	-31,360	-30,035	-28,267	-24,756	-30,203			
114 Euro area	-93,166	-22,201	-23,766	-24,745	-22,454	-18,682	-23,688	-23,612	-24,363	-23,461	-21,730	-20,167	-24,599			
115 Austria	-5,364	-1,101	-1,067	-1,188	-2,008	-1,369	-1,865	-1,135	-1,087	-1,177	-1,965	-1,418	-1,886			
116 Belgium	6,826	1,055	1,561	1,616	2,594	2,195	2,121	989	1,451	1,759	2,627	2,141	1,990			
117 France	-13,046	-2,736	-3,105	-3,486	-3,719	-2,749	-3,324	-2,939	-3,216	-3,308	-3,583	-2,941	-3,484			
118 Germany	-48,494	-12,229	-12,544	-11,621	-12,100	-10,460	-11,199	-12,757	-12,693	-11,266	-11,778	-11,042	-11,493			
119 Ireland	-20,088	-4,704	-5,241	-5,487	-4,656	-5,413	-5,708	-4,862	-5,239	-5,429	-4,558	-5,613	-5,757			
120 Italy	-20,388	-4,687	-5,089	-5,308	-5,304	-4,617	-5,185	-4,882	-5,128	-5,184	-5,194	-4,834	-5,255			
121 Netherlands	13,587	3,261	3,564	2,707	4,055	5,007	3,477	3,162	3,432	2,980	4,013	4,967	3,340			
122 Norway	-4,688	-1,186	-1,211	-1,302	-989	-955	-1,255	-1,293	-1,176	-1,203	-1,016	-1,051	-1,222			
123 Russia	-15,126	-2,910	-4,622	-4,963	-2,631	-2,446	-3,401	-3,164	-4,528	-4,737	-2,697	-2,650	-3,300			
124 Spain	-2,511	-224	-897	-783	-607	-1,078	-1,124	-289	-910	-712	-600	-1,147	-1,148			
125 Sweden	-9,830	-2,564	-2,744	-2,109	-2,413	-2,352	-2,343	-2,657	-2,745	-2,064	-2,364	-2,453	-2,366			
126 Switzerland	75	164	-121	-43	75	-157	1,175	75	-205	32	173	-210	1,032			
127 Turkey	124	-107	202	129	-100	308	503	-144	184	188	-104	262	502			
128 United Kingdom	-8,972	-1,775	-2,169	-2,534	-2,494	-62	-1,448	-2,114	-2,369	-2,133	-2,356	-422	-1,674			
129 Other Europe	-14,643	-3,444	-3,420	-4,395	-3,384	-1,829	-2,653	-3,692	-3,467	-4,188	-3,296	-2,056	-2,722			
130 Canada	-75,085	-20,718	-18,203	-18,900	-17,264	-17,774	-17,619	-22,955	-18,816	-16,505	-16,809	-20,234	-18,423			
131 Latin America and Other Western Hemisphere	-112,579	-28,468	-29,513	-31,312	-23,286	-23,571	-25,634	-31,537	-29,599	-28,173	-23,270	-26,433	-25,870			
132 South and Central America	-111,557	-28,062	-28,567	-31,290	-23,638	-23,431	-25,296	-30,945	-28,672	-28,381	-23,559	-26,110	-25,534			
133 Argentina	780	-51	228	351	252	170	362	-93	217	401	255	121	341			
134 Brazil	-7,285	-1,954	-1,923	-2,445	-963	-368	-878	-2,134	-2,000	-2,264	-887	-489	-974			
135 Chile	-3,094	-999	-604	-1,003	-488	-911	-1,062	-634	-933	-465	-979	-144	-144			
136 Colombia	-2,624	-836	-931	-832	-25	-147	-103	-952	-919	-716	-37	-243	-97			
137 Mexico	-67,303	-15,675	-17,208	-18,018	-16,402	-17,118	-18,245	-17,194	-17,469	-16,465	-16,175	-18,644	-18,561			
138 Venezuela	-28,157	-7,344	-7,266	-8,082	-5,465	-5,258	-6,858	-8,065	-6,964	-7,445	-5,683	-5,864	-6,535			
139 Other	-3,874	-1,203	-863	-1,261	-547	201	517	-1,445	-903	-959	-567	-12	436			
140 Other Western Hemisphere	-1,022	-406	-946	-22	352	-140	-338	-592	-927	208	289	-323	-336			
141 Asia and Pacific	-409,765	-89,366	-98,081	-112,759	-109,559	-97,352	-98,589	-93,707	-98,980	-110,125	-106,953	-102,209	-99,870			
142 Australia	9,004	2,277	2,074	2,308	2,345	2,365	2,293	2,295	1,966	2,405	2,338	2,362	2,177			
143 China	-233,087	-47,413	-54,706	-64,584	-66,384	-56,919	-60,718	-49,303	-54,789	-63,968	-65,027	-59,186	-61,024			
144 Hong Kong	9,589	1,947	2,498	2,368	2,776	3,090	3,083	1,910	2,397	2,484	2,798	3,083	2,977			
145 India	-11,855	-3,143	-2,606	-3,219	-2,887	-2,948	-2,507	-3,283	-2,650	-3,132	-2,790	-3,075	-2,591			
146 Indonesia	-10,363	-2,467	-2,397	-2,932	-2,567	-2,652	-2,294	-2,563	-2,382	-2,873	-2,545	-2,777	-2,280			
147 Japan	-90,966	-21,670	-22,475	-22,267	-24,554	-21,121	-20,250	-22,648	-22,610	-21,626	-24,082	-22,207	-20,429			
148 Korea, Republic of	-14,393	-3,456	-3,823	-3,526	-3,588	-4,195	-3,613	-3,782	-3,913	-3,219	-3,479	-4,530	-3,709			
149 Malaysia	-24,075	-5,062	-5,629	-6,889	-6,495	-5,378	-4,862	-5,295	-5,676	-6,760	-6,344	-5,607	-4,923			
150 Philippines	-2,112	-469	-540	-663	-440	-394	-251	-518	-574	-600	-420	-450	-281			
151 Singapore	6,543	1,236	1,289	1,102	2,916	2,032	1,438	1,166	1,142	1,223	3,012	1,962	1,277			
152 Taiwan	-15,769	-3,893	-3,857	-4,676	-3,543	-3,542	-2,594	-4,122	-3,756	-4,454	-3,437	-3,780	-2,705			
153 Thailand	-14,429	-3,506	-3,513	-4,242	-3,168	-3,555	-3,673	-3,641	-3,537	-4,173	-3,078	-3,688	-3,703			
154 Other	-17,852	-3,747	-4,596	-5,539	-3,970	-4,135	-4,642	-3,923	-4,598	-5,432	-3,899	-4,316	-4,655			
155 Middle East	-36,112	-7,574	-10,372	-11,215	-6,951	-6,604	-9,703	-8,563	-10,088	-10,215	-7,246	-7,582	-9,401			
156 Israel	-9,639	-2,255	-2,549	-2,427	-2,408	-2,121	-2,572	-2,359	-2,582	-2,354	-2,344	-2,232	-2,646			
157 Saudi Arabia	-24,350	-5,673	-6,782	-6,788	-5,107	-4,408	-6,528	-6,265	-6,506	-6,249	-5,330	-4,941	-6,210			
158 Other	-2,123	354	-1,041	-2,000	564	-75	-603	61	-1,000	-1,612	428	-409	-545			
159 Africa	-62,192	-13,910	-16,678	-18,718	-12,886	-14,474	-17,918	-15,293	-16,097	-17,439	-13,363	-15,942	-17,207			
160 Algeria	-14,358	-2,505	-3,755	-5,001	-3,097	-3,527	-4,589	-2,767	-3,637	-4,728	-3,226	-3,847	-4,400			
161 Nigeria	-25,635	-6,531	-6,902	-6,686	-5,516	-6,278	-6,438	-7,127	-6,594	-6,225	-5,689	-6,872	-6,152			
162 South Africa	-3,052	-635	-954	-811	-652	-922	-1,030	-669	-977	-781	-625	-982	-1,060			
163 Other	-19,147	-4,239	-5,067	-6,220	-3,621	-3,747	-5,860	-4,730	-4,889	-5,705	-3,823	-4,241	-5,595			
164 International organizations and unallocated	0	0	0	0	0	0	0	0	0	0	0	0	0			
Memorandum:																
165 Members of OPEC	-106,260	-24,391	-28,663	-31,668	-21,538	-25,388	-31,109	-26,948	-27,575	-29,335	-22,402	-28,158	-29,756			

See the footnotes on pages 180–181.

Table 2. U.S. Trade in Goods—Continues
(Millions of dollars)

Line	Not seasonally adjusted												Seasonally adjusted			
	2006	2006				2007				2006				2007		
		I	II	III	IV	I	II ^P	I	II	III	IV	I	II ^P			
C	Trade in goods, by principal end-use category, adjusted to balance of payments basis, excluding military:															
1	Exports of goods, balance of payments basis, excluding military (A-8)															
2	1,023,109	242,019	258,538	254,059	268,493	267,879	285,234	243,880	252,458	260,285	266,486	270,116	279,339			
3	72,869	18,011	17,209	16,781	20,868	20,645	20,306	17,309	18,028	18,689	18,843	19,826	21,781			
4	950,240	224,008	241,329	237,278	247,625	247,234	264,928	226,571	234,430	241,596	247,643	250,290	257,558			
5	Foods, feeds, and beverages															
6	65,962	15,834	15,055	15,943	19,130	18,851	18,008	15,461	16,134	17,159	17,208	18,369	19,813			
7	59,608	14,214	13,711	14,044	17,639	17,328	16,595	13,870	14,515	15,585	15,638	16,814	18,119			
8	18,341	4,259	4,416	4,599	5,067	5,829	5,477	4,224	4,504	4,682	4,931	5,587	5,604			
9	4,257	1,041	991	1,105	1,120	1,314	1,374	1,071	1,096	1,013	1,077	1,351	1,524			
10	8,227	1,604	1,995	2,166	2,462	2,599	2,496	1,619	1,953	2,230	2,425	2,612	2,438			
11	7,288	2,203	878	1,116	3,091	2,923	1,485	1,550	1,642	2,276	1,820	2,087	2,939			
12	7,831	1,770	1,893	1,996	2,172	2,058	2,335	1,882	1,902	1,999	2,048	2,179	2,353			
13	12,645	2,971	3,129	2,929	3,616	3,237	3,328	3,041	3,132	3,223	3,249	3,310	3,321			
14	13,503	3,011	3,395	3,404	3,693	3,481	3,970	3,173	3,303	3,405	3,590	3,651	3,902			
15	6,354	1,620	1,344	1,899	1,491	1,523	1,413	1,591	1,619	1,574	1,570	1,555	1,694			
16	4,351	1,172	824	1,369	986	1,032	858	1,097	1,089	1,071	1,094	1,014	1,131			
17	Industrial supplies and materials															
18	276,080	64,075	70,580	70,705	70,720	71,814	79,630	64,082	68,954	70,929	72,115	72,242	77,870			
19	12,872	3,690	3,393	2,662	3,127	3,200	3,595	3,349	3,416	3,006	3,101	2,912	3,557			
20	4,516	1,559	1,521	841	595	885	1,504	1,336	1,370	919	891	720	1,280			
21	1,134	393	206	135	400	381	162	289	261	266	318	271	204			
22	2,056	520	539	507	490	575	589	494	507	518	537	556	556			
23	5,166	1,218	1,127	1,179	1,642	1,359	1,340	1,230	1,278	1,303	1,355	1,365	1,517			
24	Nonagricultural															
25	263,208	60,385	67,187	68,043	67,593	68,614	76,035	60,733	65,538	67,923	69,014	69,330	74,313			
26	40,609	8,931	10,476	10,722	10,480	9,789	11,518	8,988	10,280	10,772	10,569	10,057	11,313			
27	39,537	8,612	10,261	10,465	10,199	9,549	11,353	8,669	10,066	10,514	10,288	9,816	11,147			
28	3,901	862	1,024	1,004	1,011	919	1,076	939	982	974	1,006	1,022	1,033			
29	31,568	6,593	8,037	8,807	8,131	7,509	8,557	6,572	7,883	8,886	8,227	7,673	8,394			
30	16,476	3,935	4,069	4,169	4,303	4,327	4,558	3,918	4,032	4,182	4,344	4,296	4,525			
31	13,033	3,260	3,451	3,285	3,037	3,148	3,359	3,034	3,248	3,303	3,378	3,194	3,167			
32	82,976	19,088	21,258	21,486	21,144	22,163	23,675	19,069	20,710	21,569	21,628	22,224	23,086			
33	10,543	2,540	2,744	2,659	2,600	2,701	2,994	2,595	2,607	2,575	2,666	2,765	2,852			
34	26,843	6,640	6,898	6,693	6,612	6,628	6,966	6,645	6,673	6,759	6,766	6,634	6,731			
35	72,728	15,991	18,291	19,029	19,417	19,858	22,965	16,214	17,988	18,663	19,863	20,160	22,639			
36	6,802	1,535	1,645	1,767	1,855	2,306	2,602	1,604	1,565	1,745	1,888	2,451	2,485			
37	12,443	3,012	3,189	3,120	3,122	3,468	3,750	2,959	3,066	3,167	3,251	3,384	3,615			
38	34,419	7,067	8,573	9,150	9,629	9,200	11,296	7,201	8,669	8,778	9,771	9,365	11,421			
39	8,783	1,927	2,206	2,400	2,250	2,638	4,120	1,927	2,206	2,400	2,250	2,638	4,120			
40	7,040	1,493	1,903	1,411	2,233	1,955	1,945	1,493	1,903	1,411	2,233	1,954	1,945			
41	18,596	3,647	4,464	5,339	5,146	4,607	5,231	3,781	4,560	4,967	5,288	4,773	5,356			
42	19,064	4,377	4,884	4,992	4,811	4,884	5,317	4,450	4,688	4,973	4,953	4,960	5,118			
43	Capital goods, except automotive															
44	413,894	98,190	104,571	102,653	108,480	105,280	110,457	99,769	102,289	103,915	107,921	107,023	107,792			
45	334,355	79,537	84,322	83,983	86,513	84,883	87,988	80,752	83,223	84,589	85,791	85,928	86,688			
46	39,272	9,332	10,030	10,035	9,875	10,197	10,433	9,409	9,891	9,986	9,986	10,239	10,299			
47	295,083	70,205	74,292	73,948	76,638	74,686	77,555	71,343	73,332	74,603	75,805	75,689	76,389			
48	23,349	4,923	5,602	5,824	7,000	6,966	6,990	4,948	5,421	5,933	7,047	7,067	6,767			
49	15,977	3,812	4,010	4,036	4,119	4,198	4,380	3,912	3,920	4,092	4,053	4,276	4,294			
50	9,497	2,276	2,380	2,431	2,410	1,667	1,676	2,331	2,329	2,468	2,369	1,702	1,642			
51	19,152	4,535	4,853	4,877	4,887	4,807	5,292	4,597	4,722	4,918	4,915	4,817	5,158			
52	66,086	16,063	17,050	16,538	16,435	17,737	19,766	16,136	16,278	16,778	16,894	17,697	18,923			
53	47,580	11,690	11,550	11,513	12,827	11,213	10,060	11,779	12,022	11,802	11,977	11,329	10,468			
54	52,430	12,575	13,650	13,562	12,643	12,160	12,566	12,990	13,550	13,197	12,693	12,549	12,444			
55	28,322	6,363	7,048	7,229	7,682	7,198	7,574	6,629	6,988	7,262	7,443	7,520	7,481			
56	2,702	626	700	671	705	1,098	1,349	659	701	682	660	1,144	1,352			
57	29,988	7,342	7,449	7,267	7,930	7,642	7,902	7,362	7,401	7,471	7,754	7,588	7,860			
58	75,170	17,669	19,077	17,660	20,764	19,398	21,249	18,033	17,894	18,316	20,927	20,096	19,884			
59	40,833	9,492	10,553	9,044	11,744	10,252	11,857	9,697	9,479	9,665	11,992	10,820	10,610			
60	4,369	984	1,172	1,010	1,203	999	1,220	984	1,172	1,010	1,203	999	1,220			
61	Automotive vehicles, parts, and engines															
62	107,161	25,904	28,252	25,321	27,684	27,703	31,707	26,127	26,107	27,548	27,379	27,879	29,509			
63	56,772	13,950	15,589	12,913	14,320	14,518	16,031	13,782	13,856	14,722	14,412	14,327	14,335			
64	13,135	3,188	3,788	2,703	3,456	3,344	4,162	3,194	3,076	3,513	3,352	3,334	3,441			
65	11,795	2,643	3,280	2,902	2,970	2,774	3,592	2,790	2,907	3,155	2,943	2,907	3,197			
66	6,710	1,633	1,773	1,591	1,713	1,808	1,703	1,579	1,654	1,712	1,765	1,747	1,601			
67	25,132	6,486	6,748	5,717	6,181	6,592	6,574	6,219	6,219	6,342	6,352	6,339	6,096			
68	To other areas															
69	50,389	11,954	12,663	12,408	13,364	13,185	15,676	12,345	12,251	12,826	12,967	13,552	15,174			
70	20,843	4,660	5,207	5,334	5,642	5,646	7,282	4,982	4,957	5,599	5,305	5,968	6,961			
71	3,308	896	825	717	870	851	1,054	965	789	773	781	897	1,017			
72	5,487	1,392	1,334	1,293	1,468	1,469	1,711	1,390	1,307	1,316	1,474	1,464	1,676			
73	20,751	5,006	5,297	5,064	5,384	5,219	5,629	5,008	5,198	5,138	5,407	5,223	5,520			
74	Consumer goods (nonfood), except automotive															
75	129,983	31,080	32,761	31,787	34,355	35,328	36,722	31,099	31,885	33,008	33,991	35,215	35,874			
76	57,727	13,955	14,267	14,523	14,982	15,605	15,681	14,014	14,065	14,						

Table 2. U.S. Trade in Goods—Table Ends

(Millions of dollars)

Line	2006	Not seasonally adjusted						Seasonally adjusted						
		2006				2007		2006				2007		
		I	II	III	IV	I	II P	I	II	III	IV	I	II P	
C Trade in goods, by principal end-use category, adjusted to balance of payments basis, excluding military—Continued:														
74 Imports of goods, balance of payments basis, excluding military (A-16)	1,861,380	435,242	468,288	485,730	472,120	453,631	486,927	451,637	463,734	479,184	466,825	470,983	483,552	
75 Petroleum and products ⁶	302,430	67,429	81,755	87,897	65,549	65,264	81,633	73,362	78,713	82,768	67,587	70,852	78,139	
76 Nonpetroleum products	1,558,950	367,813	386,533	398,033	406,571	388,367	405,294	378,275	385,021	396,416	399,238	400,131	405,413	
77 Foods, feeds, and beverages	74,937	18,285	18,434	18,279	19,939	19,918	20,161	18,448	18,302	18,964	19,223	20,030	20,082	
78 Agricultural	56,349	14,168	13,975	13,514	14,692	15,456	15,538	13,854	13,633	14,340	14,522	15,067	15,243	
79 Coffee, cocoa, and sugar	4,893	1,275	1,203	1,320	1,095	1,225	1,134	1,149	1,140	1,387	1,217	1,080	1,092	
80 Green coffee	2,830	675	733	734	688	777	808	573	677	785	795	665	772	
81 Meat products and poultry	7,467	2,026	1,726	1,719	1,996	1,994	2,005	1,748	1,818	1,856	2,004	2,053	2,053	
82 Vegetables, fruits, nuts, and preparations	15,236	4,496	3,806	3,133	3,801	5,155	4,614	3,769	3,660	3,873	3,934	4,316	4,454	
83 Wine and related products	7,834	1,641	2,044	1,967	2,182	1,857	2,119	1,870	1,927	1,964	2,073	2,126	2,005	
84 Other agricultural foods, feeds, and beverages	20,919	4,730	5,196	5,375	5,618	5,225	5,664	5,021	5,158	5,298	5,442	5,541	5,639	
85 Nonagricultural (fish, distilled beverages, etc.)	18,588	4,117	4,459	4,765	5,247	4,462	4,623	4,594	4,669	4,624	4,701	4,963	4,839	
86 Fish and shellfish	13,203	2,925	3,131	3,437	3,710	3,155	3,208	3,269	3,329	3,269	3,336	3,504	3,408	
87 Whiskey and other alcoholic beverages	4,931	1,064	1,224	1,211	1,432	1,208	1,297	1,198	1,235	1,238	1,260	1,360	1,313	
88 Industrial supplies and materials	602,539	140,574	158,006	165,603	138,356	137,748	161,871	146,298	153,239	160,897	142,105	143,271	157,094	
89 Agricultural	8,098	2,071	2,073	1,924	2,030	2,184	2,237	2,001	2,002	2,032	2,063	2,096	2,161	
90 Nonagricultural products	594,441	138,503	155,933	163,679	136,326	135,564	159,634	144,297	151,237	158,865	140,042	141,175	154,933	
91 Energy products	340,112	77,940	90,734	96,796	74,642	74,365	92,736	83,119	88,294	92,436	76,263	79,491	90,074	
92 Fuels and lubricants ⁶	337,394	77,155	90,161	96,015	74,063	73,677	91,908	82,332	87,615	91,787	75,660	78,795	89,079	
93 Paper and paper base stocks	14,448	3,464	3,605	3,745	3,634	3,465	3,523	3,521	3,617	3,695	3,615	3,520	3,543	
94 Textile supplies and related materials	12,915	3,156	3,359	3,246	3,154	3,125	3,394	3,215	3,207	3,246	3,247	3,189	3,255	
95 Chemicals, excluding medicinals	53,766	14,314	13,574	13,235	12,643	13,766	14,435	13,662	13,238	13,614	13,252	13,154	14,125	
96 Building materials, except metals	34,989	8,699	9,738	9,089	7,463	7,081	8,054	9,237	9,090	8,738	7,924	7,496	7,535	
97 Other nonmetals	28,220	6,547	7,130	7,294	7,249	6,442	6,779	6,817	6,947	7,154	7,302	6,706	6,574	
98 Metals and nonmetallic products	109,991	24,383	27,793	30,274	27,541	27,320	30,713	24,726	26,844	29,982	28,439	27,619	29,827	
99 Steelmaking materials	6,513	1,473	1,584	1,812	1,644	1,450	1,871	1,590	1,544	1,746	1,633	1,556	1,826	
100 Iron and steel products	38,498	8,780	9,472	10,611	9,635	8,678	9,559	8,925	9,247	10,464	9,862	8,798	9,347	
101 Nonferrous metals	45,726	9,942	11,697	12,620	11,467	12,636	14,034	9,878	11,261	12,628	11,959	12,544	13,659	
102 Nonmonetary gold	5,644	1,430	1,539	1,390	1,285	1,960	2,441	1,430	1,539	1,390	1,285	1,960	2,441	
103 Other precious metals	8,326	1,839	2,025	2,226	2,236	2,715	2,874	1,795	2,016	2,276	2,657	2,871	2,871	
104 Bauxite and aluminum	14,530	3,322	4,049	3,779	3,380	3,481	3,503	3,285	3,646	3,802	3,797	3,441	3,147	
105 Other nonferrous metals	17,226	3,351	4,084	5,225	4,566	4,480	5,216	3,368	4,060	5,197	4,601	4,486	5,200	
106 Other metals and nonmetallic products	19,254	4,188	5,040	5,231	4,795	4,556	5,249	4,333	4,792	5,144	4,985	4,721	4,995	
107 Capital goods, except automotive	418,271	97,809	104,478	107,518	108,466	105,364	110,209	101,085	103,550	106,707	106,929	109,357	109,467	
108 Machinery, except consumer-type	387,157	90,152	96,747	100,105	100,153	96,488	100,840	93,431	95,893	99,238	98,595	100,471	100,168	
109 Electric generating machinery, electric apparatus and parts	49,838	11,305	12,355	13,287	12,891	12,693	13,719	11,610	12,258	13,069	12,901	13,081	13,627	
110 Nonelectric, including parts and attachments	337,319	78,847	84,392	86,818	87,262	83,795	87,121	81,821	83,635	86,169	85,694	87,390	86,541	
111 Oil drilling, mining, and construction machinery	18,960	4,342	5,137	4,829	4,652	4,628	5,161	4,333	4,790	4,946	4,891	4,613	4,877	
112 Industrial engines, pumps, and compressors	14,090	3,402	3,556	3,543	3,589	3,679	3,885	3,360	3,456	3,634	3,640	3,654	3,779	
113 Machine tools and metalworking machinery	9,572	2,327	2,401	2,370	2,474	2,144	2,192	2,394	2,342	2,394	2,442	2,184	2,155	
114 Measuring, testing, and control instruments	13,364	3,169	3,329	3,383	3,483	3,461	3,656	3,243	3,324	3,356	3,441	3,544	3,659	
115 Other industrial, agricultural, and service industry machinery	77,396	18,496	20,007	19,282	19,611	19,404	20,960	18,684	19,344	19,664	19,704	19,721	20,313	
116 Computers, peripherals, and parts	101,347	23,220	24,636	26,742	26,749	25,217	25,054	24,772	25,245	25,851	25,479	27,116	25,688	
117 Semiconductors	27,376	6,671	6,661	7,217	6,827	6,665	6,439	6,752	6,722	7,103	6,799	6,747	6,508	
118 Telecommunications equipment	40,250	9,151	9,959	10,457	10,683	10,070	10,750	9,844	9,692	10,301	10,413	10,878	10,491	
119 Other office and business machines	8,717	2,034	2,242	2,196	2,245	1,990	2,035	2,177	2,196	2,169	2,175	2,125	1,999	
120 Scientific, hospital, and medical equipment and parts	26,247	6,035	6,464	6,799	6,949	6,989	6,989	6,262	6,524	6,751	6,710	6,808	7,072	
121 Transportation equipment, except automotive	31,114	7,657	7,731	7,413	8,313	8,876	9,369	7,654	7,657	7,469	8,334	8,886	9,299	
122 Civilian aircraft, engines, and parts	28,384	7,034	6,952	6,763	7,635	8,187	8,651	7,031	6,878	6,819	7,656	8,197	8,581	
123 Civilian aircraft, complete, all types	10,607	2,830	2,651	2,326	2,800	3,353	3,392	2,830	2,651	2,326	2,800	3,353	3,392	
124 Automotive vehicles, parts, and engines	256,660	63,519	66,143	59,822	67,176	63,394	64,901	63,695	64,199	63,604	65,162	63,559	63,078	
125 From Canada	70,281	18,640	18,976	15,140	17,525	18,148	17,694	18,075	17,877	16,751	17,578	17,503	16,698	
126 Passenger cars, new and used	36,601	10,061	9,874	7,598	9,068	9,653	9,097	9,687	9,296	8,635	8,983	9,149	8,603	
127 Trucks, buses, and special purpose vehicles	12,609	3,026	3,400	2,723	3,460	3,148	2,948	3,088	3,212	2,933	3,376	3,231	2,786	
128 Engines and engine parts	3,978	1,032	1,141	886	919	1,135	1,132	990	1,065	972	951	1,101	1,042	
129 Other parts and accessories	17,093	4,521	4,561	3,933	4,078	4,212	4,517	4,310	4,304	4,211	4,268	4,022	4,267	
130 From other areas	186,379	44,879	47,167	44,682	49,651	45,246	47,207	45,620	46,322	46,853	47,584	45,856	46,380	
131 Passenger cars, new and used	98,908	23,510	24,552	23,015	27,831	23,136	23,009	24,228	24,367	24,807	25,506	23,789	22,814	
132 Trucks, buses, and special purpose vehicles	11,775	2,715	3,018	2,899	3,143	2,668	3,226	2,852	2,954	2,948	3,021	2,752	3,176	
133 Engines and engine parts	16,011	3,931	4,113	3,990	3,977	3,866	4,351	3,891	3,998	4,069	4,053	3,826	4,240	
134 Other parts and accessories	59,685	14,723	15,484	14,778	14,700	15,576	16,621	14,649	15,003	15,029	15,004	15,489	16,150	
135 Consumer goods (nonfood), except automotive	446,101	100,005	105,682	118,877	121,537	111,625	113,786	106,690	109,125	113,158	117,128	119,013	118,014	
136 Consumer nondurable goods, manufactured	200,839	46,280	48,479	55,305	50,775	52,073	51,821	47,675	49,627	51,267	52,270	53,751	53,236	
137 Textile apparel and household goods, except rugs	83,426	18,458	19,223	24,805	20,940	20,156	19,999	19,530	20,565	21,484	21,847	21,434	21,472	
138 Footwear of leather, rubber, and other materials	14,704	3,619	3,455	4,095	3,535	3,881	3,564	3,538	3,628	3,684	3,854	3,790	3,757	
139 Consumer durable goods, manufactured	223,973	48,414	51,764	58,345	65,450	53,880	56,268	53,761	54,130	56,716	59,366	59,642	59,164	
140 Household and kitchen appliances and other household goods	105,816	24,689	25,580	27,778	27,769	26,137	27,191	26,145	25,665	26,774	27,232	27,510	27,513	
141 Toys, shooting, and sporting goods, including bicycles	28,789	5,154	5,865	8,046	9,724									

Table 3. Private Services Transactions
 (Millions of dollars)

Line	2006	Not seasonally adjusted						Seasonally adjusted					
		2006				2007		2006				2007	
		I	II	III	IV	I ^P	II ^P	I	II	III	IV	I ^P	II ^P
1 Exports of private services.....	404,327	95,292	97,824	103,596	107,615	105,133	110,210	96,948	99,643	101,187	106,549	107,485	111,992
2 Travel (table 1, line 6).....	85,694	18,785	22,050	24,006	20,853	19,712	24,563	20,845	21,212	21,527	22,110	22,297	23,618
3 Passenger fares (table 1, line 7).....	22,187	5,223	5,233	6,032	5,698	5,520	5,917	5,397	5,328	5,696	5,765	5,706	6,117
4 Other transportation (table 1, line 8).....	46,297	10,866	11,640	11,954	11,837	11,903	12,676	11,038	11,754	11,716	11,789	12,157	12,791
5 Freight.....	17,266	4,060	4,300	4,405	4,501	4,387	4,970	4,149	4,252	4,422	4,443	4,484	4,916
6 Port services.....	29,031	6,806	7,340	7,549	7,336	7,516	7,706	6,889	7,502	7,294	7,346	7,673	7,875
7 Royalties and license fees (table 1, line 9).....	62,378	14,277	15,051	15,514	17,536	15,889	16,949	14,923	15,196	15,815	16,444	16,645	16,959
8 Affiliated.....	44,477	10,168	11,063	11,068	12,178	10,684	11,619	10,714	11,107	11,269	11,386	11,440	11,629
9 U.S. parents' receipts.....	39,340	9,156	9,807	9,764	10,613	9,618	10,300	9,396	9,809	9,989	10,145	10,180	10,293
10 U.S. affiliates' receipts.....	5,137	1,012	1,256	1,305	1,565	1,065	1,319	1,318	1,299	1,280	1,241	1,260	1,336
11 Unaffiliated.....	17,901	4,109	3,988	4,446	5,358	5,205	5,330	4,209	4,088	4,546	5,058	5,205	5,330
12 Industrial processes ¹	7,510	1,814	1,712	1,800	2,184	1,926	2,028	1,814	1,712	1,800	2,184	1,926	2,028
13 Other ²	10,390	2,295	2,276	2,646	3,173	3,279	3,302	2,395	2,376	2,746	2,873	3,279	3,302
14 Other private services (table 1, line 10).....	187,771	46,141	43,850	46,090	51,691	52,109	50,105	44,745	46,153	46,433	50,441	50,680	52,507
15 Affiliated services.....	57,638	13,156	14,065	13,660	16,758	14,649	15,372	13,819	14,438	14,453	14,929	15,340	15,746
16 U.S. parents' receipts.....	32,551	7,521	7,878	7,791	9,361	8,651	8,819	7,839	8,065	8,214	8,433	8,702	8,796
17 U.S. affiliates' receipts.....	25,088	5,635	6,187	5,869	7,397	5,998	6,553	5,980	6,373	6,239	6,496	6,638	6,950
18 Unaffiliated services.....	130,133	32,985	29,785	32,430	34,933	37,460	34,733	30,926	31,715	31,980	35,512	35,340	36,761
19 Education.....	14,570	6,009	1,800	4,066	2,695	6,176	1,842	3,607	3,637	3,656	3,671	3,702	3,730
20 Financial services.....	37,114	9,263	8,781	8,395	10,675	10,191	10,868	9,263	8,781	8,395	10,675	10,191	10,868
21 Insurance services.....	9,276	2,330	2,341	2,239	2,366	2,581	2,598	2,330	2,341	2,239	2,366	2,581	2,598
22 Telecommunications.....	6,257	1,354	1,399	1,792	1,712	1,700	1,812	1,354	1,399	1,792	1,712	1,700	1,812
23 Business, professional, and technical services.....	47,400	10,592	11,653	12,092	13,063	12,446	13,045	10,858	11,732	12,115	12,695	12,730	13,170
24 Other unaffiliated services ³	15,515	3,437	3,810	3,846	4,422	4,366	4,568	3,514	3,826	3,783	4,393	4,436	4,583
25 Imports of private services.....	307,770	70,384	79,606	80,118	77,662	74,685	84,032	74,989	76,666	76,979	79,136	79,814	80,800
26 Travel (table 1, line 23).....	72,029	14,933	20,596	20,549	15,951	15,917	21,355	17,582	18,077	18,015	18,355	18,582	18,661
27 Passenger fares (table 1, line 24).....	27,503	6,176	7,528	7,257	6,542	6,157	7,344	6,748	6,927	6,889	6,939	6,799	6,749
28 Other transportation (table 1, line 25).....	65,282	15,471	16,531	17,037	16,243	15,568	16,793	16,025	16,401	16,491	16,365	16,490	16,572
29 Freight.....	45,700	11,005	11,430	11,785	11,480	10,798	11,509	11,227	11,346	11,515	11,612	11,397	11,379
30 Port services.....	19,582	4,466	5,101	5,252	4,763	4,770	5,284	4,798	5,055	4,976	4,753	5,093	5,193
31 Royalties and license fees (table 1, line 26).....	26,432	6,398	6,135	6,092	7,808	6,405	6,537	6,767	6,532	6,497	6,636	6,810	6,939
32 Affiliated.....	20,963	4,697	4,814	4,810	6,643	5,128	5,254	5,066	5,211	5,216	5,471	5,533	5,656
33 U.S. parents' payments.....	2,260	563	552	553	593	615	602	563	552	553	593	615	602
34 U.S. affiliates' payments.....	18,703	4,134	4,262	4,258	6,049	4,513	4,652	4,503	4,660	4,663	4,877	4,918	5,054
35 Unaffiliated.....	5,469	1,701	1,321	1,282	1,165	1,277	1,283	1,701	1,321	1,282	1,165	1,277	1,283
36 Industrial processes ¹	3,017	766	708	741	782	856	865	786	708	741	782	856	865
37 Other ²	2,453	915	614	542	382	421	418	915	614	542	382	421	418
38 Other private services (table 1, line 27).....	116,524	27,407	28,816	29,183	31,118	30,638	32,003	27,867	28,728	29,087	30,841	31,133	31,879
39 Affiliated services.....	48,201	11,551	11,834	11,603	13,213	12,602	13,208	11,774	11,768	11,870	12,789	12,829	13,108
40 U.S. parents' payments.....	26,026	5,938	6,594	6,327	7,167	6,684	7,486	6,162	6,529	6,593	6,743	6,911	7,386
41 U.S. affiliates' payments.....	22,175	5,612	5,240	5,276	6,046	5,918	5,722	5,612	5,240	5,276	6,046	5,918	5,722
42 Unaffiliated services.....	68,323	15,856	16,982	17,580	17,905	18,036	18,795	16,093	16,960	17,217	18,052	18,304	18,771
43 Education.....	4,403	829	1,107	1,459	1,008	910	1,218	1,066	1,085	1,097	1,155	1,178	1,194
44 Financial services.....	8,497	1,884	2,133	2,115	2,365	2,431	2,564	1,884	2,133	2,115	2,365	2,431	2,564
45 Insurance services.....	33,582	8,015	8,333	8,600	8,634	8,680	8,790	8,015	8,333	8,600	8,634	8,680	8,790
46 Telecommunications.....	4,557	1,068	1,192	1,135	1,162	1,181	1,211	1,068	1,192	1,135	1,162	1,181	1,211
47 Business, professional, and technical services.....	15,845	3,673	3,866	3,883	4,423	4,532	4,690	3,673	3,866	3,883	4,423	4,532	4,690
48 Other unaffiliated services ³	1,441	388	351	388	314	302	322	388	351	388	314	302	322
Supplemental detail on insurance transactions:													
49 Premiums received ⁴	23,252	5,995	5,937	5,415	5,905	5,490	5,621	5,995	5,937	5,415	5,905	5,490	5,621
50 Actual losses paid.....	10,928	3,104	2,780	2,558	2,486	2,556	2,712	3,104	2,780	2,558	2,486	2,556	2,712
51 Premiums paid ⁴	65,280	16,140	16,348	16,522	16,270	16,078	16,296	16,140	16,348	16,522	16,270	16,078	16,296
52 Actual losses recovered.....	29,324	7,041	7,246	7,436	7,601	7,738	7,860	7,041	7,246	7,436	7,601	7,738	7,860
Memoranda:													
53 Balance on goods (table 1, line 72).....	-838,271	-193,223	-209,750	-231,671	-203,627	-185,752	-201,693	-207,757	-211,276	-218,899	-200,339	-200,867	-204,213
54 Balance on private services (line 1 minus line 25).....	96,558	24,908	18,219	23,478	29,953	30,448	26,178	21,959	22,977	24,208	27,414	27,671	31,192
55 Balance on goods and private services (lines 53 and 54).....	-741,714	-168,316	-191,531	-208,193	-173,674	-155,304	-175,515	-185,799	-188,299	-194,691	-172,925	-173,196	-173,021

See the footnotes on pages 180-181.

Table 4. U.S. Official Reserve Assets and Foreign Official Assets in the United States

[Millions of dollars]

Line	(Credits +; decrease in U.S. assets or increase in foreign assets. Debits -; increase in U.S. assets or decrease in foreign assets.)	2006	Not seasonally adjusted						Amounts outstanding June 30, 2007
			2006				2007		
			I	II	III	IV	I ¹	II ²	
A1	U.S. official reserve assets, net (table 1, line 41)	2,374	513	-560	1,006	1,415	-72	26	224,869
2	Gold (table 1, line 42).....	0	0	0	0	0	0	0	170,105
3	Special drawing rights (table 1, line 43).....	-223	-67	-51	-54	-51	-43	-39	9,018
4	Reserve position in the International Monetary Fund (table 1, line 44).....	3,331	729	-351	1,275	1,678	212	294	4,573
5	Foreign currencies (table 1, line 45).....	-734	-149	-158	-215	-212	-241	-229	41,173
B1	Foreign official assets in the United States, net (table 1, line 56)	440,264	125,257	120,861	108,799	85,347	152,193	70,098	2,991,536
	By instrument:								
2	U.S. Treasury securities (table 1, line 58).....	189,181	65,124	24,262	52,746	47,049	37,705	-13,125	1,536,107
3	Bills and certificates.....	-25,031	13,270	-27,462	-8,224	-2,615	22,099	-38,153	160,778
4	Bonds and notes, marketable.....	214,133	51,835	51,705	60,950	49,643	15,586	25,007	1,374,261
5	Bonds and notes, nonmarketable.....	79	19	19	20	21	20	21	1,068
6	Other U.S. Government securities (table 1, line 59).....	191,553	47,214	41,364	55,226	47,749	73,067	56,400	708,962
7	Other U.S. Government liabilities (table 1, line 60).....	3,133	26	824	1,154	1,129	654	-198	19,455
8	U.S. liabilities reported by U.S. banks, not included elsewhere (table 1, line 61).....	22,040	2,394	42,533	-7,221	-15,666	29,797	15,736	342,580
9	Banks' liabilities for own account ¹	41,830	25,839	20,086	4,839	-8,934	29,799	15,211	236,184
10	Repurchase agreements.....	22,903	24,477	17,118	-8,539	-10,153	34,403	7,634	160,022
11	Deposits and brokerage balances ²	14,745	583	5,673	8,513	-24	934	4,992	66,457
12	Other liabilities.....	4,182	779	-2,705	4,865	1,243	-5,538	2,585	9,705
13	Banks' customers' liabilities ¹	-19,790	-23,445	22,447	-12,060	-6,732	-2	525	106,396
14	Negotiable certificates of deposit and other short-term instruments.....	-18,767	-22,321	22,405	-12,306	-6,545	80	-195	105,656
15	Other liabilities.....	-1,023	-1,124	42	246	-187	-82	720	740
16	Other foreign official assets (table 1, line 62).....	34,357	10,499	11,878	6,894	5,086	10,970	11,285	384,432
	By area:								
17	Europe.....	88,407	39,306	12,237	7,241	29,623	17,521	-18,835	481,637
18	Canada.....	-965	229	-417	-422	-355	618	282	8,364
19	Latin America and Caribbean.....	36,764	8,192	12,216	9,021	7,335	20,542	29,464	227,199
20	Asia.....	311,178	75,754	89,860	97,213	48,351	109,724	48,117	2,203,462
21	Africa.....	-1,851	-1,443	2,737	176	-3,321	1,808	4,131	20,031
22	Other.....	6,731	3,219	4,228	-4,430	3,714	1,980	6,939	50,843

See the footnotes on pages 180-181.

Table 5. Selected U.S. Government Transactions
[Millions of dollars]

Line	2006	Not seasonally adjusted						
		2006				2007		
		I	II	III	IV	I ^a	II ^b	
A1	U.S. Government grants and transactions increasing Government assets, total	31,836	8,400	8,094	8,343	6,998	11,018	6,862
	By category							
2	Grants, net	28,853	6,891	7,713	7,743	6,505	10,372	5,486
3	U.S. Government current grants, net (table 1, line 36, with sign reversed)	27,142	5,671	7,226	7,741	6,504	10,372	5,455
4	Financing military purchases ¹	2,787	545	456	659	1,126	3,607	497
5	Other grants	24,355	5,126	6,770	7,082	5,377	6,765	4,957
6	Cash contributions received from coalition partners for Persian Gulf operations							
7	Debt forgiveness (table 1, part of line 39, with sign reversed)	1,711	1,220	487	2	2	0	32
8	Credits and other long-term assets (table 1, line 47, with sign reversed)	2,992	1,517	376	592	507	608	1,365
9	Capital subscriptions and contributions to international financial institutions, excluding IMF	2,024	1,302	162	336	224	284	1,184
10	Credits repayable in U.S. dollars	968	215	214	256	284	319	181
11	Credits repayable in other than U.S. dollars	0	0	0	0	0	5	0
12	Other long-term assets	0	0	0	0	0	0	0
13	Foreign currency holdings and short-term assets, net (table 1, line 49 with sign reversed)	-9	-8	6	8	-15	38	12
14	Foreign currency holdings (excluding administrative cash holdings), net	0	0	0	0	0	5	0
	Receipts from:							
15	Sales of agricultural commodities	0	0	0	0	0	0	0
16	Interest	0	0	0	0	0	0	0
17	Repayments of principal	0	0	0	0	0	5	0
18	Reverse grants	0	0	0	0	0	0	0
19	Other sources	0	0	0	0	0	0	0
	Less currencies disbursed for:							
20	Grants and credits in the recipient's currency	0	0	0	0	0	0	0
21	Other grants and credits	0	0	0	0	0	0	0
22	Other U.S. Government expenditures	0	0	0	0	0	0	0
23	Assets acquired in performance of U.S. Government guarantee and insurance obligations, net	50	7	9	7	27	4	4
24	Other assets held under Commodity Credit Corporation Charter Act, net	0	0	0	0	0	0	0
25	Assets financing military sales contracts, net ²	0	0	0	0	0	0	0
26	Other short-term assets (including changes in administrative cash holdings), net	-59	-16	-3	1	-42	29	7
	By program							
27	Capital subscriptions and contributions to international financial institutions, excluding IMF	2,024	1,302	162	336	224	284	1,184
28	Under Agricultural Trade Development and Assistance Act and related programs	1,384	400	413	301	270	302	293
29	Under Foreign Assistance Act and related programs	25,362	5,223	6,727	7,318	6,095	9,949	4,976
30	Under Export-Import Bank Act	1,690	1,201	398	51	41	18	42
31	Under Commodity Credit Corporation Charter Act	7	3	2	0	2	98	7
32	Under other grant and credit programs	1,427	287	396	336	409	334	353
33	Other foreign currency assets acquired (lines A16, A17, and A19)	0	0	0	0	0	5	0
34	Less foreign currencies used by U.S. Government other than for grants or credits (line A22)	0	0	0	0	0	0	0
35	Other (including changes in administrative cash holdings), net	-59	-16	-3	1	-42	29	7
	By disposition³							
36	Estimated transactions involving no direct dollar outflow from the United States	18,477	4,835	4,734	4,701	4,207	7,451	3,434
37	Expenditures on U.S. goods	4,305	870	997	1,092	1,347	4,051	863
38	Expenditures on U.S. services ⁴	9,639	2,074	2,663	2,822	2,080	2,721	1,968
39	Financing of military sales contracts by U.S. Government ⁵ (line C6)	2,617	582	557	756	722	582	553
40	By long-term credits	439	58	112	103	166	51	61
41	By short-term credits ¹	0	0	0	0	0	0	0
42	By grants ¹	2,178	524	445	653	556	531	492
43	U.S. Government grants and credits to repay prior U.S. Government credits ^{1,4}	1,865	1,302	508	24	31	91	46
44	U.S. Government long- and short-term credits to repay prior U.S. private credits ⁶ and other assets	62	10	10	11	32	10	8
45	Increase in liabilities associated with U.S. Government grants and transactions increasing Government assets (including changes in retained accounts) ⁷ (line C11)	0	0	0	0	0	0	0
46	Less receipts on short-term U.S. Government assets (a) financing military sales contracts ¹ (b) financing repayment of private credits and other assets, and (c) financing expenditures on U.S. goods	11	3	1	3	4	5	4
47	Less foreign currencies used by U.S. Government other than for grants or credits (line A22)	0	0	0	0	0	0	0
48	Estimated dollar payments to foreign countries and international financial institutions	13,359	3,565	3,361	3,642	2,791	3,567	3,428
B1	Repayments on U.S. Government long-term assets, total (table 1, line 48)	8,329	2,558	2,147	2,170	1,454	1,091	884
2	Receipts of principal on U.S. Government credits	8,329	2,558	2,147	2,170	1,453	1,091	884
3	Under Agricultural Trade Development and Assistance Act and related programs	694	145	148	140	261	136	93
4	Under Foreign Assistance Act and related programs	1,759	556	473	364	365	548	361
5	Under Export-Import Bank Act	3,784	1,791	1,451	311	231	278	287
6	Under Commodity Credit Corporation Charter Act	1,849	59	75	1,118	597	129	125
7	Under other credit programs	244	7	(*)	237	(*)	0	18
8	Receipts on other long-term assets	(*)	0	0	0	(*)	0	0
C1	U.S. Government liabilities other than securities, total, net increase (+) (table 1, line 60)	3,133	26	824	1,154	1,129	654	-198
2	Associated with military sales contracts ²	3,120	30	825	1,145	1,120	672	-217
3	U.S. Government cash receipts from foreign governments (including principal repayments on credits financing military sales contracts), net of refunds ¹	18,837	4,502	4,771	4,682	4,881	5,149	3,386
4	Less U.S. Government receipts from principal repayments	929	231	315	192	191	303	88
5	Less U.S. Treasury securities issued in connection with prepayments for military purchases in the United States	292	292	0	0	0	497	0
6	Plus financing of military sales contracts by U.S. Government ⁵ (line A39)	2,617	582	557	756	722	582	553
7	By long-term credits	439	58	112	103	166	51	61
8	By short-term credits ¹	0	0	0	0	0	0	0
9	By grants ¹	2,178	524	445	653	556	531	492
10	Less transfers of goods and services (including transfers financed by grants for military purchases, and by credits) ^{1,2} (table 1, line 5)	17,112	4,531	4,188	4,102	4,291	4,259	4,069
11	Associated with U.S. Government grants and transactions increasing Government assets (including changes in retained accounts) ³ (line A45)	0	0	0	0	0	0	0
12	Associated with other liabilities	14	-3	-1	9	9	-17	19
13	Sales of nuclear material by Department of Energy/U.S. Enrichment Corporation ⁸							
14	Sales of space launch and other services by National Aeronautics and Space Administration	1	(*)	0	(*)	(*)	0	(*)
15	Other sales and miscellaneous operations	13	-4	-1	9	9	-17	19

See the footnotes on pages 180-181.

Table 6. Direct Investment: Income, Capital, Royalties and License Fees, and Other Private Services—Continues

[Millions of dollars]

Line	(Credits +; debits -) ¹	Not seasonally adjusted						Seasonally adjusted						
		2006	2006				2007		2006				2007	
			I	II	III	IV	I	II P	I	II	III	IV	I	II P
U.S. direct investment abroad:														
1	Income (table 1, line 14)	310,224	72,512	79,156	77,783	80,774	78,479	87,392	73,304	77,702	78,372	80,846	79,478	85,819
2	Earnings	304,476	71,124	77,631	76,294	79,426	76,670	85,537	71,916	76,177	76,884	79,499	77,668	83,964
3	Distributed earnings	84,382	15,572	25,756	14,299	28,756	14,832	21,184	22,772	23,944	18,412	19,255	22,051	21,252
4	Reinvested earnings	220,093	55,553	51,876	61,995	50,670	61,838	64,353	49,144	52,233	58,472	60,244	55,617	62,712
5	Reinvested earnings without current-cost adjustment	201,349	50,786	47,179	57,344	46,041	57,167	59,685	44,377	47,536	53,821	55,615	50,946	58,044
6	Current-cost adjustment	18,744	4,767	4,697	4,651	4,629	4,668	4,668	4,767	4,697	4,651	4,629	4,671	4,668
7	Interest	5,748	1,387	1,525	1,489	1,348	1,810	1,855	1,387	1,525	1,489	1,348	1,810	1,855
8	U.S. parents' receipts	9,908	2,305	2,487	2,498	2,617	2,825	2,935	2,305	2,487	2,498	2,617	2,825	2,935
9	U.S. parents' payments	-4,159	-918	-963	-1,010	-1,269	-1,015	-1,081	-918	-963	-1,010	-1,269	-1,015	-1,081
10	Income without current-cost adjustment	291,480	67,745	74,459	73,132	76,145	73,808	82,724	68,537	73,005	73,721	76,217	74,807	81,151
11	Manufacturing	59,243	13,100	15,533	15,341	15,269	15,683	17,072	13,690	14,381	15,417	15,755	16,376	15,838
12	Wholesale trade	29,271	6,319	7,995	6,609	8,347	6,988	8,113	6,871	7,831	7,091	7,478	7,572	7,923
13	Finance (including depository institutions) and insurance	31,791	8,206	7,927	8,166	7,492	7,801	8,237	7,857	7,790	8,198	7,947	7,523	8,087
14	Holding companies, except bank holding companies	100,387	24,025	24,615	25,235	26,511	26,389	29,565	24,025	24,615	25,235	26,511	26,389	29,565
15	Other	70,788	16,094	18,388	17,780	18,526	16,947	19,738	16,094	18,388	17,780	18,526	16,947	19,738
16	Earnings without current-cost adjustment (line 2 less line 6)	285,732	66,357	72,934	71,643	74,797	71,999	80,869	67,149	71,480	72,233	74,870	72,997	79,296
17	Manufacturing	57,640	12,740	15,121	14,903	14,876	15,271	16,659	13,330	13,669	14,980	15,361	15,963	15,425
18	Wholesale trade	28,802	6,205	7,857	6,503	8,237	6,902	8,016	6,756	7,693	6,985	7,368	7,486	7,827
19	Finance (including depository institutions) and insurance	32,285	8,287	8,022	8,275	7,700	7,820	8,254	7,938	7,885	8,306	8,156	7,542	8,104
20	Holding companies, except bank holding companies	99,309	23,732	24,310	24,989	26,297	25,895	29,042	23,732	24,310	24,989	26,297	25,895	29,042
21	Other	67,696	15,393	17,624	16,992	17,687	16,112	18,898	15,393	17,624	16,992	17,687	16,112	18,898
22	Interest	5,748	1,387	1,525	1,489	1,348	1,810	1,855	1,387	1,525	1,489	1,348	1,810	1,855
23	Manufacturing	1,603	360	412	437	393	412	413	360	412	437	393	412	413
24	Wholesale trade	469	114	138	106	111	87	97	114	138	106	111	87	97
25	Finance (including depository institutions) and insurance	-493	-81	-95	-108	-209	-19	-18	-81	-95	-108	-209	-19	-18
26	Holding companies, except bank holding companies	1,078	293	306	265	214	494	522	293	306	265	214	494	522
27	Other	3,092	701	764	788	839	835	840	701	764	788	839	835	840
28	Capital (table 1, line 51)	-235,358	-72,911	-53,386	-52,540	-56,521	-87,628	-73,164	-66,502	-53,744	-49,018	-66,094	-81,407	-71,523
29	Equity capital	-30,247	-12,589	-2,916	-4,662	-10,081	-19,059	-15,051	-12,589	-2,916	-4,662	-10,081	-19,059	-15,051
30	Increases in equity capital	-78,234	-17,337	-12,462	-15,082	-31,353	-26,575	-31,351	-17,337	-12,462	-15,082	-31,353	-26,575	-31,351
31	Decreases in equity capital	45,987	4,748	9,546	10,421	21,272	7,515	16,300	4,748	9,546	10,421	21,272	7,515	16,300
32	Reinvested earnings (line 4 with sign reversed)	-220,093	-55,553	-51,876	-61,995	-50,670	-61,838	-64,353	-49,144	-52,233	-58,472	-60,244	-55,617	-62,712
33	Intercompany debt	14,983	-4,769	1,405	14,116	4,230	6,240	4,769	1,405	14,116	4,230	6,240	4,769	1,405
34	U.S. parents' receivables	-6,368	-9,870	-7,601	8,704	2,399	-7,651	136	-9,870	-7,601	8,704	2,399	-7,651	136
35	U.S. parents' payables	21,351	5,101	9,006	5,412	1,832	9,200	6,103	5,101	9,006	5,412	1,832	9,200	6,103
36	Capital without current-cost adjustment	-216,614	-68,144	-48,689	-47,889	-51,892	-82,957	-68,496	-61,735	-49,047	-44,367	-61,465	-76,736	-66,855
37	Manufacturing	-60,222	-8,834	-11,633	-13,984	-25,571	-15,922	-14,863	-8,721	-9,588	-13,988	-27,355	-15,987	-12,949
38	Wholesale trade	-22,703	-7,786	-3,003	-4,633	-7,281	-5,935	-5,830	-2,392	-4,642	-7,634	-6,250	-5,131	-5,131
39	Finance (including depository institutions) and insurance	-20,633	-10,207	-14,146	1,876	1,845	-13,694	-11,603	-9,249	-13,338	2,265	-311	-12,903	-10,188
40	Holding companies, except bank holding companies	-73,929	-27,996	-14,793	-17,362	-13,778	-29,766	-28,073	-25,075	-15,093	-16,538	-17,223	-26,009	-28,755
41	Other	-39,328	-13,320	-5,115	-13,787	-7,106	-17,641	-8,127	-10,656	-8,266	-11,464	-8,941	-15,587	-9,833
42	Equity capital	-30,247	-12,589	-2,916	-4,662	-10,081	-19,059	-15,051	-12,589	-2,916	-4,662	-10,081	-19,059	-15,051
43	Manufacturing	-15,354	-255	19	-3,058	-12,060	-6,443	-606	-255	19	-3,058	-12,060	-6,443	-606
44	Wholesale trade	-1,141	90	-263	57	-1,025	-89	-23	90	-263	57	-1,025	-89	-23
45	Finance (including depository institutions) and insurance	-8,675	-4,947	-5,134	429	978	-5,465	-11,643	-4,947	-5,134	429	978	-5,465	-11,643
46	Holding companies, except bank holding companies	-10,554	-6,768	274	-2,090	-1,471	-2,129	-8,454	-6,768	274	-2,090	-1,471	-2,129	-8,454
47	Other	4,977	-708	2,188	0	3,497	4,934	5,675	-708	2,188	0	3,497	-4,934	5,675
48	Reinvested earnings without current-cost adjustment (line 5 with sign reversed)	-201,349	-50,786	-47,179	-57,344	-46,041	-57,167	-59,685	-44,377	-47,536	-53,821	-55,615	-50,946	-58,044
49	Manufacturing	-44,841	-9,191	-12,560	-11,893	-11,197	-12,900	-14,054	-9,077	-10,885	-11,898	-12,981	-12,965	-12,140
50	Wholesale trade	-23,104	-5,296	-6,576	-5,552	-5,679	-6,139	-6,654	-5,545	-5,966	-5,561	-6,033	-6,454	-5,954
51	Finance (including depository institutions) and insurance	-19,149	-5,161	-3,897	-6,013	-4,078	-3,372	-3,787	-4,202	-3,089	-5,624	-6,234	-1,681	-2,372
52	Holding companies, except bank holding companies	-72,194	-20,018	-17,117	-20,094	-14,965	-22,107	-21,799	-17,077	-17,417	-19,270	-18,410	-19,250	-22,481
53	Other	-42,061	-11,119	-7,029	-13,791	-10,122	-12,650	-13,392	-8,456	-10,180	-11,469	-11,957	-10,596	-15,097
54	Intercompany debt	14,983	-4,769	1,405	14,116	4,230	6,240	4,769	1,405	14,116	4,230	6,240	4,769	1,405
55	Manufacturing	174	612	908	967	-2,313	3,421	-203	612	908	967	-2,313	3,421	-203
56	Wholesale trade	1,542	-2,580	3,837	862	-577	293	846	-2,580	3,837	862	-577	293	846
57	Finance (including depository institutions) and insurance ²	7,191	-99	-5,114	7,460	4,945	-4,857	3,827	-99	-5,114	7,460	4,945	-4,857	3,827
58	Holding companies, except bank holding companies	8,320	-1,210	2,050	4,822	2,658	-5,530	2,179	-1,210	2,050	4,822	2,658	-5,530	2,179
59	Other	-2,244	-1,492	-275	4	-482	-57	-410	-1,492	-275	4	-482	-57	-410
60	Royalties and license fees, net	37,079	8,593	9,256	9,211	10,019	9,004	9,698	8,834	9,257	9,436	9,552	9,565	9,691
61	U.S. parents' receipts (table 1, part of line 9)	39,340	9,156	9,807	9,764	10,613	9,618	10,300	9,396	9,809	9,989	10,145	10,180	10,293
62	U.S. parents' payments (table 1, part of line 26)	-2,260	-563	-552	-553	-593	-615	-602	-563	-552	-553	-593	-615	-602
63	Other private services, net	6,524	1,582	1,283	1,464	2,195	1,967	1,333	1,677	1,536	1,621	1,690	1,791	1,410
64	U.S. parents' receipts (table 1, part of line 10)	32,551	7,521	7,878	7,791	9,361	8,651	8,819	7,839	8,065	8,214	8,433	8,702	8,796
65	U.S. parents' payments (table 1, part of line 27)	-26,026	-5,938	-6,594	-6,327	-7,167	-6,684	-7,486	-6,162	-6,529	-6,593	-6,743	-6,911	-7,386

See the footnotes on pages 180-181.

Table 6. Direct Investment: Income, Capital, Royalties and License Fees, and Other Private Services—Table Ends

(Millions of dollars)

Line	(Credits +; debits -) ¹	2006	Not seasonally adjusted						Seasonally adjusted					
			2006				2007		2006				2007	
			I	II	III	IV	I ¹	II ^P	I	II	III	IV	I ¹	II ^P
Foreign direct investment in the United States:														
66	Income (table 1, line 31).....	-136,010	-31,021	-34,113	-38,318	-32,558	-31,408	-37,206	-31,299	-33,055	-37,885	-33,772	-31,718	-36,181
67	Earnings.....	-117,237	-27,105	-29,944	-33,046	-27,142	-26,445	-31,729	-27,382	-28,886	-32,613	-28,356	-26,755	-30,704
68	Distributed earnings.....	-46,618	-4,905	-5,911	-9,272	-26,529	-6,930	-4,483	-5,120	-6,235	-10,949	-24,313	-8,082	-5,332
69	Reinvested earnings.....	-70,620	-22,200	-24,033	-23,774	-612	-19,516	-27,246	-22,262	-22,650	-21,664	-4,043	-18,672	-25,371
70	Reinvested earnings without current-cost adjustment.....	-65,434	-20,736	-22,716	-22,551	570	-18,233	-25,966	-20,798	-21,333	-20,441	-2,861	-17,389	-24,091
71	Current-cost adjustment.....	-5,186	-1,464	-1,317	-1,223	-1,182	-1,283	-1,280	-1,464	-1,317	-1,223	-1,182	-1,283	-1,280
72	Interest.....	-18,773	-3,917	-4,169	-5,272	-5,416	-4,963	-5,477	-3,917	-4,169	-5,272	-5,416	-4,963	-5,477
73	U.S. affiliates' payments.....	-23,185	-4,895	-5,312	-6,491	-6,487	-5,991	-6,985	-4,895	-5,312	-6,491	-6,487	-5,991	-6,985
74	U.S. affiliates' receipts.....	4,412	978	1,144	1,220	1,071	1,028	1,508	978	1,144	1,220	1,071	1,028	1,508
75	Income without current-cost adjustment.....	-130,824	-29,557	-32,796	-37,095	-31,376	-30,125	-35,926	-29,835	-31,737	-36,662	-32,590	-30,435	-34,901
76	Manufacturing.....	-54,319	-11,309	-12,980	-14,658	-15,373	-13,322	-15,561	-11,586	-11,921	-14,225	-16,587	-13,631	-14,535
77	Wholesale trade.....	-28,218	-7,088	-6,918	-7,899	-6,312	-5,491	-8,006	-7,088	-6,918	-7,899	-6,312	-5,491	-8,006
78	Finance (including depository institutions) and insurance.....	-18,601	-4,124	-5,940	-6,277	-2,259	-3,960	-4,259	-4,124	-5,940	-6,277	-2,259	-3,960	-4,259
79	Other.....	-29,686	-7,037	-6,958	-8,260	-7,432	-7,352	-8,101	-7,037	-6,958	-8,260	-7,432	-7,352	-8,101
80	Earnings without current-cost adjustment (line 67 less line 71).....	-112,051	-25,641	-28,627	-31,823	-25,960	-25,162	-30,449	-25,918	-27,569	-31,390	-27,174	-25,472	-29,424
81	Manufacturing.....	-45,311	-9,427	-11,207	-12,032	-12,645	-10,506	-12,358	-9,705	-10,149	-11,599	-13,858	-10,815	-11,333
82	Wholesale trade.....	-27,246	-6,830	-6,671	-7,645	-6,100	-5,278	-7,703	-6,830	-6,671	-7,645	-6,100	-5,278	-7,703
83	Finance (including depository institutions) and insurance.....	-17,196	-3,901	-5,556	-5,908	-1,832	-3,684	-4,041	-3,901	-5,556	-5,908	-1,832	-3,684	-4,041
84	Other.....	-22,299	-5,483	-5,193	-6,239	-5,384	-5,694	-6,347	-5,483	-5,193	-6,239	-5,384	-5,694	-6,347
85	Interest.....	-18,773	-3,917	-4,169	-5,272	-5,416	-4,963	-5,477	-3,917	-4,169	-5,272	-5,416	-4,963	-5,477
86	Manufacturing.....	-9,009	-1,882	-1,772	-2,626	-2,728	-2,816	-3,203	-1,882	-1,772	-2,626	-2,728	-2,816	-3,203
87	Wholesale trade.....	-972	-258	-247	-255	-213	-213	-303	-258	-247	-255	-213	-213	-303
88	Finance (including depository institutions) and insurance ¹	-1,405	-223	-385	-369	-428	-276	-218	-223	-385	-369	-428	-276	-218
89	Other.....	-7,388	-1,554	-1,765	-2,021	-2,048	-1,658	-1,754	-1,554	-1,765	-2,021	-2,048	-1,658	-1,754
90	Capital (table 1, line 64).....	180,580	42,913	50,438	45,089	42,139	12,748	75,495	42,976	49,056	42,979	45,570	11,906	73,620
91	Equity capital.....	97,980	26,715	21,170	13,539	36,556	15,142	42,047	26,715	21,170	13,539	36,556	15,142	42,047
92	Increases in equity capital.....	126,225	36,976	25,973	22,592	40,684	26,479	47,453	36,976	25,973	22,592	40,684	26,479	47,453
93	Decreases in equity capital.....	-28,245	-10,261	-4,803	-9,054	-4,128	-11,337	-5,406	-10,261	-4,803	-9,054	-4,128	-11,337	-5,406
94	Reinvested earnings (line 69 with sign reversed).....	70,620	22,200	24,033	23,774	612	19,516	27,246	22,262	22,650	21,664	4,043	18,672	25,371
95	Intercompany debt.....	11,980	-6,002	5,235	7,776	4,971	-21,910	6,201	-6,002	5,235	7,776	4,971	-21,910	6,201
96	U.S. affiliates' payables.....	21,071	4,974	21,784	10,661	-16,347	3,639	6,633	4,974	21,784	10,661	-16,347	3,639	6,633
97	U.S. affiliates' receivables.....	-9,091	-10,975	-16,549	-2,885	21,318	-25,548	-431	-10,975	-16,549	-2,885	21,318	-25,548	-431
98	Capital without current-cost adjustment.....	175,394	41,449	49,121	43,866	40,957	11,465	74,215	41,512	47,739	41,756	44,388	10,623	72,340
99	Manufacturing.....	65,804	15,710	15,552	24,890	9,652	10,786	28,936	15,988	14,494	24,457	10,866	11,097	27,910
100	Wholesale trade.....	21,011	11,141	6,540	-426	3,756	6,439	7,757	11,141	6,540	-426	3,756	6,439	7,757
101	Finance (including depository institutions) and insurance.....	46,367	15,535	10,043	9,789	11,000	-6,276	13,463	15,411	10,046	8,468	12,443	-7,234	12,997
102	Other.....	42,212	-937	16,987	9,613	16,549	516	24,059	-1,027	16,660	9,257	17,323	322	23,677
103	Equity capital.....	97,980	26,715	21,170	13,539	36,556	15,142	42,047	26,715	21,170	13,539	36,556	15,142	42,047
104	Manufacturing.....	45,264	11,392	9,591	3,777	20,503	9,223	23,899	11,392	9,591	3,777	20,503	9,223	23,899
105	Wholesale trade.....	7,228	6,433	1,303	-3,254	2,745	1,492	1,694	6,433	1,303	-3,254	2,745	1,492	1,694
106	Finance (including depository institutions) and insurance.....	28,988	7,663	5,678	4,670	10,977	99	6,532	7,663	5,678	4,670	10,977	99	6,532
107	Other.....	16,500	1,227	4,597	8,346	2,331	4,328	9,923	1,227	4,597	8,346	2,331	4,328	9,923
108	Reinvested earnings without current-cost adjustment (line 70 with sign reversed).....	65,434	20,736	22,716	22,551	-570	18,233	25,966	20,798	21,333	20,441	2,861	17,391	24,091
109	Manufacturing.....	24,992	6,609	9,213	10,194	-1,023	6,577	10,649	6,886	8,154	9,761	191	6,888	9,623
110	Wholesale trade.....	13,239	6,642	6,228	3,274	-2,905	5,205	6,970	6,642	6,228	3,274	-2,905	5,205	6,970
111	Finance (including depository institutions) and insurance.....	9,479	2,860	2,801	4,169	-352	1,824	2,715	2,735	2,804	2,848	1,091	865	2,249
112	Other.....	17,724	4,625	4,474	4,915	3,710	4,627	5,633	4,625	4,474	4,759	4,483	4,433	5,250
113	Intercompany debt.....	11,980	-6,002	5,235	7,776	4,971	-21,910	6,201	-6,002	5,235	7,776	4,971	-21,910	6,201
114	Manufacturing.....	-4,452	-2,291	-3,252	10,919	-9,828	-5,014	-5,611	-2,291	-3,252	10,919	-9,828	-5,014	-5,611
115	Wholesale trade.....	544	-1,934	-992	-446	3,916	-258	-907	-1,934	-992	-446	3,916	-258	-907
116	Finance (including depository institutions) and insurance ²	7,900	5,012	1,563	950	375	-8,198	4,216	5,012	1,563	950	375	-8,198	4,216
117	Other.....	7,988	-6,788	7,916	-3,647	10,508	-8,439	8,504	-6,788	7,916	-3,647	10,508	-8,439	8,504
118	Royalties and license fees, net.....	-13,566	-3,123	-3,006	-2,953	-4,484	-3,447	-3,333	-3,186	-3,361	-3,383	-3,636	-3,658	-3,718
119	U.S. affiliates' payments (table 1, part of line 26).....	-18,703	-4,134	-4,262	-4,258	-6,049	-4,513	-4,652	-4,503	-4,660	-4,663	-4,877	-4,918	-5,054
120	U.S. affiliates' receipts (table 1, part of line 9).....	5,137	1,012	1,256	1,305	1,565	1,065	1,319	1,318	1,299	1,280	1,241	1,260	1,336
121	Other private services, net.....	2,913	23	947	592	1,350	80	831	367	1,133	962	449	720	1,228
122	U.S. affiliates' payments (table 1, part of line 27).....	-22,175	-5,612	-5,240	-5,276	-6,046	-5,918	-5,722	-5,612	-5,240	-5,276	-6,046	-5,918	-5,722
123	U.S. affiliates' receipts (table 1, part of line 10).....	25,088	5,635	6,187	5,869	7,397	5,998	6,553	5,980	6,373	6,239	6,496	6,638	6,950

See the footnotes on pages 180-181.

Table 7. Transactions in Long-Term Securities

[Millions of dollars]

Line	(Credits +; debits -) ¹	Not seasonally adjusted						
		2006	2006				2007	
			I	II	III	IV	I ^a	II ^b
A1	Foreign securities, net purchases (-) or net sales (+) by U.S. residents (table 1, line 52 or lines 4 + 18 below)	-289,422	-57,693	-59,003	-55,496	-117,230	-87,206	-88,051
2	Stocks, gross purchases by U.S. residents	3,838,823	899,236	1,019,311	842,141	1,078,135	1,190,410	1,310,893
3	Stocks, gross sales by U.S. residents	3,700,285	856,738	996,460	831,694	1,015,393	1,146,911	1,270,628
4	Stocks, net purchases by U.S. residents	-138,538	-42,498	-22,851	-10,447	-62,742	-43,499	-40,265
5	New issues in the United States ¹	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
6	Transactions in outstanding stocks, net	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	Net purchases by U.S. residents, by area:							
7	Europe	-90,993	-12,239	-17,519	-11,260	-49,975	-37,756	-33,909
8	Of which: United Kingdom	-65,271	-9,061	-13,877	-14,168	-28,165	-26,372	-29,245
9	Canada	-7,573	-3,747	-1,361	-1,188	-1,277	-1,512	-2,114
10	Caribbean financial centers ²	21,464	3,736	1,091	1,528	15,109	1,872	10,459
11	Latin America, excluding Caribbean financial centers	-7,806	-2,988	-1,440	156	-3,534	2,637	-2,570
12	Asia	-44,842	-24,644	-272	904	-20,830	-5,827	-10,570
13	Of which: Japan	-1,910	-3,385	6,056	-241	-4,340	-3,312	-4,647
14	Africa	-2,799	-948	-1,128	-263	-460	403	-275
15	Other	-5,989	-1,668	-2,222	-324	-1,775	-3,316	-1,286
16	Bonds, gross purchases by U.S. residents	2,023,867	476,355	486,154	456,051	605,307	769,858	882,210
17	Bonds, gross sales by U.S. residents	1,872,983	461,160	450,002	411,002	550,819	726,151	834,424
18	Bonds, net purchases by U.S. residents	-150,884	-15,195	-36,152	-45,049	-54,488	-43,707	-47,786
19	New issues in the United States ¹	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
20	Transactions in outstanding bonds, net	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	Net purchases by U.S. residents, by area:							
21	Europe	-147,701	-9,689	-40,368	-44,555	-53,089	-45,323	-44,267
22	Of which: United Kingdom	-101,619	-13,821	-22,254	-32,584	-32,960	-27,228	-22,042
23	Canada	-11,306	-3,816	-1,082	-4,492	-1,916	-1,704	-932
24	Caribbean financial centers ²	-5,723	1,568	-1,296	-2,386	-3,609	-3,888	-3,925
25	Latin America, excluding Caribbean financial centers	-7,868	-5,337	1,435	-450	-3,516	84	-5,965
26	Asia	23,827	1,736	6,446	4,896	10,749	7,834	10,387
27	Of which: Japan	4,053	71	2,014	2,044	-76	-1,400	-369
28	Africa	496	59	-31	184	284	60	158
29	Other	-2,609	284	-1,256	1,754	-3,391	-770	-3,242
B1	U.S. securities, excluding transactions in U.S. Treasury securities and transactions of foreign official agencies, net purchases (+) or net sales (-) by foreign residents (table 1, line 66 or lines 4 + 16 + 30 below)	591,951	173,213	145,750	140,243	132,745	112,269	235,096
2	Stocks, gross purchases by foreign residents	6,874,124	1,564,082	1,809,496	1,678,452	1,822,094	2,131,764	2,432,625
3	Stocks, gross sales by foreign residents	6,731,367	1,501,049	1,791,454	1,643,341	1,795,323	2,088,309	2,328,426
4	Stocks, net purchases by foreign residents	142,757	63,033	18,042	35,111	26,571	43,455	104,199
	Net purchases by foreign residents, by area:							
5	Europe	94,193	42,360	16,783	27,586	7,464	26,190	53,363
6	Of which: United Kingdom	74,808	26,973	14,896	22,212	10,727	20,309	37,642
7	Canada	12,776	4,392	2,919	2,261	3,204	-1,650	1,148
8	Caribbean financial centers ²	34,312	12,867	-3,410	7,814	17,041	17,544	40,565
9	Latin America, excluding Caribbean financial centers	1,900	1,064	746	-329	419	447	611
10	Asia	-1,131	1,863	944	-2,533	-1,405	-457	5,928
11	Of which: Japan	-789	694	843	-700	-1,626	-400	-3,779
12	Africa	62	114	161	-94	-119	-115	-50
13	Other	645	373	-101	406	-33	1,496	2,634
14	Corporate bonds, gross purchases by foreign residents	1,624,812	377,086	392,457	376,818	478,451	486,424	516,056
15	Corporate bonds, gross sales by foreign residents	1,212,552	282,467	286,697	277,180	366,208	381,515	414,752
16	Corporate bonds, net purchases by foreign residents	412,260	94,619	105,760	99,638	112,243	104,909	101,304
17	New issues sold abroad by U.S. corporations ¹	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
18	Transactions in outstanding bonds, net	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	Net purchases by foreign residents, by area:							
19	Europe	242,051	56,695	67,232	58,276	59,848	65,007	73,430
20	Of which: United Kingdom	192,415	44,611	51,172	41,017	55,615	57,656	70,414
21	Canada	7,899	2,506	2,377	569	2,447	5,285	3,339
22	Caribbean financial centers ²	91,134	17,247	18,249	25,280	30,358	18,158	7,812
23	Latin America, excluding Caribbean financial centers	9,321	2,335	2,346	2,698	1,942	677	1,423
24	Asia	53,918	11,907	12,674	11,815	17,522	12,630	14,530
25	Of which: Japan	12,263	2,161	729	3,212	6,161	2,764	4,935
26	Africa	203	90	317	206	-410	-4	-147
27	Other	7,734	3,839	2,565	794	536	3,156	917
28	Federally sponsored agency bonds, gross purchases by foreign residents	1,341,992	329,985	351,970	312,962	347,075	358,579	404,407
29	Federally sponsored agency bonds, gross sales by foreign residents	1,305,058	314,424	330,022	307,468	353,144	394,674	374,814
30	Federally sponsored agency bonds, net purchases by foreign residents	36,934	15,561	21,948	5,494	-6,069	-36,095	29,593
31	New issues sold abroad by federally sponsored agencies ¹	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
32	Transactions in outstanding bonds, net	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	Net purchases by foreign residents, by area:							
33	Europe	11,565	-145	14,841	-10,800	7,669	-6,620	26,418
34	Of which: United Kingdom	13,614	-721	14,209	-10,952	11,078	-369	28,763
35	Canada	9,602	2,951	1,616	1,921	3,114	1,576	808
36	Caribbean financial centers ²	29,805	6,984	2,913	14,305	5,603	-6,458	-2,785
37	Latin America, excluding Caribbean financial centers	3,356	344	425	750	1,837	536	981
38	Asia	-17,709	5,175	1,776	-589	-24,071	-25,152	4,231
39	Of which: Japan	-5,414	-2,274	2,375	1,538	-7,053	-12,684	3,781
40	Africa	-226	-11	4	-138	-81	44	-21
41	Other	541	263	373	45	-140	-21	-39
C1	U.S. Treasury bonds and notes, excluding transactions of foreign official agencies, net purchases (+) or net sales (-) by foreign residents (table 1, part of line 65)	-49,490	-30,354	-16,878	-13,105	10,847	39,855	5,314
2	U.S. Treasury bonds and notes, gross purchases by foreign residents	10,305,640	2,524,178	2,578,969	2,481,736	2,720,757	3,288,303	3,665,830
3	U.S. Treasury bonds and notes, gross sales by foreign residents	10,355,130	2,554,532	2,595,847	2,494,841	2,709,910	3,248,448	3,660,516
	Net purchases by foreign residents, by area:							
4	Europe	-37,805	2,813	-14,255	-27,640	1,277	34,010	35,117
5	Canada	14,731	4,799	5,482	7,659	-3,209	2,884	-1,901
6	Caribbean financial centers ²	-10,645	-14,335	5,365	-2,427	752	7,856	-39,695
7	Latin America, excluding Caribbean financial centers	5,470	2,492	-1,510	2,201	2,287	6,016	5,032
8	Asia	-20,255	-25,038	-12,005	6,771	10,017	-11,126	5,552
9	Africa	1,092	459	178	434	21	-414	815
10	Other	-2,078	-1,544	-133	-103	-298	629	394
	Memoranda:							
	Net purchases of marketable long-term U.S. securities by foreign official agencies included elsewhere in the international transactions accounts, net purchases (+) or net sales (-) (lines in table 4):							
1	U.S. Treasury marketable bonds and notes (line B4)	214,133	51,835	51,705	60,950	49,643	15,586	25,007
2	Other U.S. Government securities (line B6)	191,553	47,214	41,364	55,226	47,749	73,067	56,400
3	U.S. corporate and other bonds (part of line B16)	28,591	8,623	6,133	5,745	8,090	10,809	10,956
4	U.S. stocks (part of line B16)	5,766	1,876	5,745	1,149	-3,004	161	329

See the footnotes on pages 180-181.

Table 8. Claims on and Liabilities to Unaffiliated Foreigners Reported by U.S. Nonbanking Concerns Except Securities Brokers¹

[Millions of dollars]

Line	(Credits +; decrease in U.S. assets or increase in U.S. liabilities. Debits -; increase in U.S. assets or decrease in U.S. liabilities.)	2006	Not seasonally adjusted						Amounts outstanding June 30, 2007
			2006				2007		
			I	II	III	IV	I ²	II ²	
A1	Claims, total (table 1, line 53)	-83,531	-24,302	-45,885	-29,162	15,818	-47,830	-105,557	942,346
2	Financial claims	-79,817	-22,902	-44,456	-29,552	17,093	-46,716	-101,463	900,016
3	Denominated in U.S. dollars.....	-80,686	-21,278	-36,824	-33,408	10,824	-27,576	-78,138	690,441
4	Denominated in foreign currencies.....	869	-1,624	-7,632	3,856	6,269	-19,140	-23,325	209,575
	By instrument: ²								
5	Resale agreements.....	-15,007	1,893	-4,326	-12,229	-345	-4,750	4,020	18,789
6	Negotiable certificates of deposit.....	50	63	-16	6	-3	9	-14	20
7	Other short-term instruments (including money market instruments).....	-5,022	756	-397	-8,861	3,480	2,335	-778	1,356
8	Deposits.....	-67,671	-27,750	-48,203	-6,922	15,204	-39,538	-97,585	745,571
9	Other claims.....	7,833	2,136	8,486	-1,546	-1,243	-4,772	-7,106	134,280
10	Of which: Financial intermediaries' accounts ³	-9,670	-5,852	3,135	-2,319	-4,634	610	-3,516	88,727
	By area:								
11	Europe.....	-102,182	-43,141	-40,153	-46,206	27,318	-41,616	-36,996	566,832
	Of which:								
12	United Kingdom.....	-46,867	-26,547	-33,389	-38,566	51,635	-18,773	-35,003	278,655
13	Germany.....	10,028	2,024	5,554	-6,043	8,493	6,169	-1,199	44,381
14	Caribbean financial centers ⁴	16,970	16,580	-3,574	18,502	-14,538	-10,800	-62,312	305,082
15	Other.....	5,395	3,659	-729	-1,848	4,313	5,700	-2,155	28,102
16	Commercial claims.....	-3,714	-1,400	-1,429	390	-1,275	-1,114	-4,094	42,330
17	Denominated in U.S. dollars.....	-3,151	-969	-2,092	629	-719	-1,497	-4,249	38,538
18	Denominated in foreign currencies.....	-563	-431	663	-239	-556	383	155	3,792
	By instrument:								
19	Trade receivables.....	-3,511	-1,264	-1,585	675	-1,337	-808	-3,698	37,035
20	Advance payments and other claims.....	-203	-136	156	-285	62	-306	-396	5,295
	By area:								
21	Europe.....	-1,980	-2,376	500	-93	-11	-768	-1,267	16,145
22	Canada.....	-661	431	-396	222	-918	534	-1,178	4,035
23	Asia.....	-904	887	-950	-176	-665	212	-1,618	12,492
24	Other.....	-169	-342	-583	437	319	-1,092	-31	9,658
B1	Liabilities, total (table 1, line 68)	235,769	60,613	55,907	69,637	49,612	93,624	108,115	886,304
2	Financial liabilities	232,694	56,932	52,732	70,666	52,364	91,478	96,777	832,254
3	Denominated in U.S. dollars.....	210,318	51,988	41,877	67,109	49,344	78,604	82,787	656,082
4	Denominated in foreign currencies.....	22,376	4,944	10,855	3,557	3,020	12,874	13,990	176,172
	By instrument: ²								
5	Repurchase agreements.....	477	92	-10,770	9,005	2,150	2,430	3,766	24,908
6	Short-term instruments.....	-1,360	-3,427	720	1,399	-52	-3,949	-957	6,783
7	Other liabilities.....	233,577	60,267	62,782	60,262	50,266	92,997	93,968	800,563
8	Of which: Financial intermediaries' accounts ³	34,429	14,643	297	3,022	16,467	15,817	-4,059	95,934
	By area:								
9	Europe.....	251,940	85,505	43,327	61,936	61,172	90,269	56,516	733,945
	Of which:								
10	United Kingdom.....	157,012	73,045	42,836	33,574	7,557	60,665	64,165	447,513
11	Germany.....	17,729	-2,935	4,563	3,070	13,031	-9,371	3,629	82,231
12	Caribbean financial centers ⁴	-10,559	-29,360	8,126	6,949	3,726	1,987	38,107	81,382
13	Other.....	-8,687	787	1,279	1,781	-12,534	-778	2,154	16,927
14	Commercial liabilities.....	3,075	3,681	3,175	-1,029	-2,752	2,146	11,338	54,050
15	Denominated in U.S. dollars.....	2,676	3,596	2,774	-804	-2,890	1,850	11,524	50,638
16	Denominated in foreign currencies.....	399	85	401	-225	138	296	-186	3,412
	By instrument:								
17	Trade payables.....	2,710	3,133	3,025	-549	-2,899	1,514	1,494	28,717
18	Advance receipts and other liabilities.....	365	548	150	-480	147	632	9,844	25,333
	By area:								
19	Europe.....	453	788	200	103	-638	803	3,104	14,896
20	Canada.....	1,347	478	749	-50	170	432	595	4,730
21	Asia.....	1,274	2,512	366	-308	-1,296	-31	5,224	24,032
22	Other.....	1	-97	1,860	-774	-988	942	2,415	10,392

See the footnotes on pages 180-181.

Table 9. Claims on Foreigners Reported by U.S. Banks and Securities Brokers¹

[Millions of dollars]

Line	(Credits +; decrease in U.S. assets. Debits -; increase in U.S. assets.)	2006	Not seasonally adjusted						Amounts outstanding June 30, 2007
			2006				2007		
			I	II	III	IV	I ^r	II ^p	
1	Claims reported by U.S. banks and securities brokers, total (table 1, line 54)	-454,585	-197,097	-54,791	-78,798	-123,899	-233,384	-203,872	3,574,372
2	Claims for own accounts	-303,118	-144,141	-346	-36,207	-122,424	-216,542	-117,946	2,755,131
3	Denominated in dollars.....	-294,861	-135,112	-5,506	-46,157	-108,086	-219,594	-102,825	2,616,376
	By instrument: ²								
4	Resale agreements.....	-45,266	-37,433	40,272	-26,844	-21,261	-75,662	-51,259	790,484
5	Negotiable certificates of deposit.....	-3,819	1,566	-1,023	-919	-3,443	-3,561	515	9,279
6	Other short-term instruments (including money market instruments).....	-1,938	-2,507	1,266	725	-1,422	691	-5,667	14,238
7	Deposits and brokerage balances.....	-175,530	-84,486	-51,660	-887	-38,497	-66,840	-6,083	1,011,773
8	Other claims (including loans).....	-68,308	-12,252	5,639	-18,232	-43,463	-74,222	-40,331	790,602
	By foreign borrower:								
	Claims on:								
9	Foreign banks.....	-221,938	-108,747	-24,221	-36,663	-52,307	-187,562	-45,746	1,915,678
10	Foreign nonbanks, excluding foreign official institutions.....	-46,424	-29,140	33,251	3,141	-53,676	-37,274	-55,042	597,236
11	Foreign official institutions ³	-26,499	2,775	-14,536	-12,635	-2,103	5,242	-2,037	103,462
	By type of U.S. reporting institution: ⁴								
	U.S.-owned banks' claims on:								
12	Foreign banks.....	-33,323	-33,697	-46,009	41,700	4,683	-24,805	-8,746	501,340
13	Foreign nonbanks and foreign official institutions.....	-27,206	-13,343	2,787	-10,491	-6,159	-7,279	-21,582	119,542
	Foreign-owned banks' claims on:								
14	Foreign banks.....	-184,512	-46,663	12,411	-60,237	-90,023	-108,203	-11,077	1,146,308
15	Foreign nonbanks and foreign official institutions.....	-3,784	-3,989	-9,500	6,109	3,596	-8,926	-2,952	90,911
	Brokers' and dealers' claims on:								
16	Foreign banks.....	-4,103	-28,387	9,377	-18,126	33,033	-54,554	-25,923	268,030
17	Foreign nonbanks and foreign official institutions.....	-41,933	-9,033	25,428	-5,112	-53,216	-15,827	-32,545	490,245
18	Denominated in foreign currencies.....	-8,257	-9,029	5,160	9,950	-14,338	3,052	-15,121	138,755
	By instrument: ²								
19	Deposits and brokerage balances.....	3,803	-4,564	3,055	8,716	-3,404	-3,662	-5,252	61,405
20	Other claims (including loans).....	-12,060	-4,465	2,105	1,234	-10,934	6,714	-9,869	77,350
21	Claims for customers' accounts	-151,467	-52,956	-54,445	-42,591	-1,475	-16,842	-85,926	819,241
22	Denominated in dollars.....	-142,843	-42,741	-36,789	-42,856	-20,457	-1,674	-83,012	737,957
	By instrument: ²								
23	Commercial paper ⁵	-18,257	-15,499	3,070	-17,241	11,413	7,793	-5,052	128,863
24	Negotiable certificates of deposit.....	-79,146	-731	-17,773	-32,057	-28,585	15,222	-32,420	191,133
25	Other short-term instruments (including money market instruments) ⁶	-28,534	-2,872	-1,342	-18,562	-5,758	-9,474	-32,539	106,314
26	Deposits and brokerage balances (including sweep accounts) ⁷	-14,420	-22,444	-17,596	24,356	1,264	-13,161	-12,785	287,802
27	Other claims.....	-2,486	-1,195	-3,148	648	1,209	-2,054	-216	23,845
28	Denominated in foreign currencies.....	-8,624	-10,215	-17,656	265	18,982	-15,168	-2,914	81,284
	By instrument: ²								
29	Deposits and brokerage balances.....	-14,235	-2,697	-1,555	-8,397	-1,586	-16,396	-3,229	55,342
30	Other claims.....	5,611	-7,518	-16,101	8,662	20,568	1,228	315	25,942
	Claims, total (line 1), by area:								
31	Europe.....	-221,524	-130,560	35,126	-75,544	-50,546	-183,674	-117,262	1,894,162
	Of which:								
32	United Kingdom.....	-182,245	-83,656	12,312	-28,511	-82,390	-58,020	-68,093	1,086,434
33	Switzerland.....	45,472	-19,046	50,698	-17,535	31,355	-57,427	-4,077	174,934
34	Canada.....	-19,299	-766	-14,591	5,780	-9,722	-2,356	-23,898	136,420
35	Caribbean financial centers ⁸	-154,660	-73,934	-59,843	29,075	-49,958	-59,034	-44,133	1,192,501
36	Latin America, excluding Caribbean financial centers.....	-8,202	-1,058	-2,263	969	-5,850	-4,071	-5,994	71,801
37	Asia.....	-39,544	14,139	-14,147	-33,610	-5,926	18,585	-7,627	224,931
38	Of which: Japan.....	-43,552	2,394	-1,429	-25,617	-18,900	21,061	5,081	128,209
39	Africa.....	-1,413	-661	-103	-8	-641	496	224	2,015
40	Other.....	-9,943	-4,257	1,030	-5,460	-1,256	-3,330	-5,182	52,542
	Memoranda:								
1	International banking facilities' (IBFs) own claims, denominated in dollars (in lines 1-15 above)	-76,876	-40,223	-9,761	-13,008	-13,884	-94,936	13,282	606,561
	By bank ownership: ⁴								
2	U.S.-owned IBFs.....	-7,437	-13,622	-33,294	30,613	8,866	-22,159	558	85,987
3	Foreign-owned IBFs.....	-69,439	-26,601	23,533	-43,621	-22,750	-72,777	12,724	520,574

See the footnotes on pages 180-181.

Table 10. Liabilities to Foreigners, Except Foreign Official Agencies, Reported by U.S. Banks and Securities Brokers¹
 [Millions of dollars]

Line	(Credits +; increase in U.S. liabilities. Debits -; decrease in U.S. liabilities.)	2006	Not seasonally adjusted						Amounts outstanding June 30, 2007
			2006				2007		
			I	II	III	IV	I ^P	II ^P	
1	Liabilities reported by U.S. banks and securities brokers, total (table 1, part of line 65 and table 1, line 69)	447,952	164,502	-381	100,305	183,526	208,386	124,815	3,805,387
2	U.S. Treasury bills and certificates (table 1, part of line 65)	13,559	5,080	-2,429	-335	11,243	4,783	-12,939	68,268
3	Other U.S. liabilities, total (table 1, line 69)	434,393	159,422	2,048	100,640	172,283	203,603	137,754	3,737,119
4	Liabilities for own accounts	275,152	152,666	-88,376	59,149	151,713	171,311	135,536	3,125,129
5	Denominated in dollars	252,173	149,687	-88,337	58,372	132,451	165,987	109,284	2,960,349
	By instrument: ²								
6	Repurchase agreements	41,036	55,583	-86,762	55,529	16,686	121,791	16,065	1,044,120
7	Deposits and brokerage balances	215,422	75,738	36,358	-9,974	113,300	31,145	53,895	1,340,728
8	Other liabilities (including loans)	-4,285	18,366	-37,933	12,817	2,465	13,051	39,324	575,501
	By foreign holder:								
	Liabilities to:								
9	Foreign banks	223,828	108,355	-11,536	46,026	80,983	92,230	73,729	2,045,907
10	Foreign nonbanks, including international organizations	28,345	41,332	-76,801	12,346	51,468	73,757	35,555	914,442
	By type of U.S. reporting institution: ³								
	U.S.-owned banks' liabilities to:								
11	Foreign banks	108,916	23,370	44,131	-13,773	55,188	2,556	37,204	770,913
12	Foreign nonbanks, including international organizations	19,995	3,941	7,667	6,915	1,472	-3,440	3,693	120,295
	Foreign-owned banks' liabilities to:								
13	Foreign banks	82,117	40,758	-41,438	14,946	67,851	4,092	32,797	741,992
14	Foreign nonbanks, including international organizations	10,893	-2,336	4,168	762	8,299	5,802	8,680	90,814
	Brokers' and dealers' liabilities to:								
15	Foreign banks	32,795	44,227	-14,229	44,853	-42,056	85,582	3,728	533,002
16	Foreign nonbanks, including international organizations	-2,543	39,727	-88,636	4,669	41,697	71,395	23,182	703,333
17	Denominated in foreign currencies	22,979	2,979	-39	777	19,262	5,324	26,252	164,780
	By instrument: ²								
18	Deposits and brokerage balances	16,681	459	1,056	2,764	12,402	1,767	7,732	98,873
19	Other liabilities (including loans)	6,298	2,520	-1,095	-1,987	6,860	3,557	18,520	65,907
20	Liabilities for customers' accounts	159,241	6,756	90,424	41,491	20,570	32,292	2,218	611,990
21	Denominated in dollars	158,155	6,687	90,540	41,020	19,908	30,791	-1,790	588,458
	By instrument: ²								
22	Negotiable certificates of deposit and other short-term instruments	65,433	6,547	38,228	10,855	9,803	14,962	14,504	295,016
23	Other liabilities (including loans)	92,722	140	52,312	30,165	10,105	15,829	-16,294	293,442
24	Denominated in foreign currencies	1,086	69	-116	471	662	1,501	4,008	23,532
	Other U.S. liabilities, total (line 3), by area:								
25	Europe	17	100,575	-113,279	-17,488	30,209	203,813	43,684	1,614,034
26	Canada	9,610	-2,071	5,089	7,573	-981	3,087	8,375	55,678
27	Caribbean financial centers ⁴	379,473	63,701	105,620	102,078	108,074	-796	55,243	1,702,243
28	Latin America, excluding Caribbean financial centers	8,885	8,282	1,413	-814	4	1,089	2,655	108,993
29	Asia	35,362	-14,255	7,471	5,783	36,363	-3,476	24,414	222,018
30	Africa	-675	331	-1,295	-231	520	7	1,346	9,820
31	Other	1,721	2,859	-2,971	3,739	-1,906	-121	2,037	24,333
	Memoranda:								
1	International banking facilities' (IBFs) own liabilities, denominated in dollars (in lines 3-14 above)	-69,654	5,656	-19,196	-54,622	-1,492	16,025	20,024	413,979
	By bank ownership: ³								
2	U.S.-owned IBFs	18,800	11,632	24,662	-29,054	11,560	17,923	2,405	141,813
3	Foreign-owned IBFs	-88,454	-5,976	-43,858	-25,568	-13,052	-1,898	17,619	272,166

See the footnotes on pages 180-181.

Table 11. U.S. International
[Millions]

Line	(Credits +; debits -) ¹	Europe			European Union ¹⁵			Euro area ¹⁶			Belgium		
		2006	2007		2006	2007		2006	2007		2006	2007	
			I ^r	II ^p		I ^r	II ^p		I ^r	II ^p		I ^r	II ^p
Current account													
1	Exports of goods and services and income receipts	718,920	197,620	214,981	626,191	172,828	185,405	393,466	108,856	115,028	31,538	8,665	9,617
2	Exports of goods and services	408,886	111,550	118,209	353,459	97,587	100,993	235,537	65,939	66,905	24,752	6,711	7,348
3	Goods, balance of payments basis ²	241,274	68,591	71,888	210,169	60,687	60,895	153,696	44,568	43,831	21,232	5,758	6,339
4	Services ³	167,612	42,959	46,321	143,290	36,900	40,098	81,841	21,371	23,073	3,520	953	1,008
5	Transfers under U.S. military agency sales contracts ⁴	3,740	1,173	1,043	2,568	876	818	1,263	298	348	51	11	14
6	Travel	27,393	5,965	8,081	25,075	5,472	7,389	12,237	2,535	3,474	518	115	150
7	Passenger fares	6,907	1,456	1,853	6,252	1,327	1,673	3,520	767	931	317	75	83
8	Other transportation	16,891	4,537	4,748	15,069	4,041	4,232	8,848	2,300	2,374	495	128	136
9	Royalties and license fees ⁵	31,974	7,733	8,344	24,813	5,951	6,507	17,449	4,849	5,116	761	197	185
10	Other private services ⁵	80,401	22,017	22,184	69,273	19,172	19,429	38,385	10,580	10,796	1,375	426	439
11	U.S. Government miscellaneous services	306	77	68	241	60	50	139	42	34	3	1	1
12	Income receipts	310,034	86,070	96,771	272,732	75,242	84,412	157,929	42,918	48,124	6,787	1,954	2,269
13	Income receipts on U.S.-owned assets abroad	309,621	85,962	96,663	272,399	75,154	84,324	157,742	42,869	48,076	6,769	1,949	2,264
14	Direct investment receipts	146,608	37,894	43,389	126,801	31,729	36,276	97,156	24,730	27,564	3,637	873	977
15	Other private receipts	161,960	47,782	53,049	144,763	43,180	47,841	59,833	17,895	20,305	2,932	1,076	1,287
16	U.S. Government receipts	1,053	286	225	835	245	207	753	244	207	0	0	0
17	Compensation of employees	413	108	108	333	88	88	187	49	48	18	5	5
18	Imports of goods and services and income payments	-837,360	-211,210	-236,168	-730,469	-186,533	-207,874	-468,743	-116,787	-130,469	-35,761	-9,034	-9,686
19	Imports of goods and services	-534,565	-130,224	-146,656	-459,405	-113,695	-126,326	-326,185	-81,490	-89,640	-17,302	-4,279	-5,010
20	Goods, balance of payments basis ²	-383,812	-94,568	-104,117	-330,382	-83,391	-89,885	-246,862	-63,250	-67,519	-14,406	-4,563	-4,219
21	Services ³	-150,753	-35,656	-42,539	-129,023	-30,304	-36,441	-79,323	-18,240	-22,121	-2,896	-716	-792
22	Direct defense expenditures	-11,706	-2,962	-2,980	-10,260	-2,622	-2,645	-8,384	-2,138	-2,157	-136	-37	-40
23	Travel	-22,829	-3,851	-7,957	-20,280	-3,509	-7,115	-13,329	-2,310	-4,730	-264	-35	-76
24	Passenger fares	-13,997	-2,830	-4,020	-13,167	-2,639	-3,794	-7,724	-1,618	-2,125	-5	0	-2
25	Other transportation	-24,767	-5,896	-6,428	-21,728	-5,163	-5,567	-12,460	-3,013	-3,260	-634	-155	-171
26	Royalties and license fees ⁵	-16,301	-3,825	-4,131	-12,068	-2,712	-3,017	-8,613	-1,844	-2,007	-228	-45	-40
27	Other private services ⁵	-59,203	-15,784	-16,510	-50,048	-13,287	-13,929	-27,621	-7,009	-7,533	-1,559	-432	-452
28	U.S. Government miscellaneous services	-1,950	-508	-513	-1,472	-372	-374	-1,192	-308	-309	-69	-12	-11
29	Income payments	-302,795	-80,986	-89,512	-271,064	-72,838	-81,548	-142,558	-35,297	-40,830	-18,460	-4,755	-4,675
30	Income payments on foreign-owned assets in the United States	-302,228	-80,820	-89,377	-270,631	-72,710	-81,443	-142,246	-35,210	-40,753	-18,452	-4,752	-4,673
31	Direct investment payments	-88,922	-19,922	-23,506	-84,334	-18,777	-22,677	-51,982	-10,618	-14,962	-711	-249	-206
32	Other private payments	-183,890	-52,739	-57,216	-164,061	-48,121	-52,370	-74,000	-20,457	-21,665	-14,924	-3,850	-3,836
33	U.S. Government payments	-29,416	-8,159	-8,655	-22,236	-5,812	-6,396	-16,264	-4,135	-4,126	-2,817	-653	-631
34	Compensation of employees	-567	-166	-135	-433	-128	-106	-312	-87	-77	-8	-3	-2
35	Unilateral current transfers, net	-7,295	-2,126	-2,280	-1,922	-573	-799	-4,470	-1,854	-1,917	-81	-35	-11
36	U.S. Government grants ⁴	-2,062	-468	-470	-1,114	-33	-21	-31	-1	0	0	0	0
37	U.S. Government pensions and other transfers	-1,727	-419	-470	-1,601	-395	-438	-611	-295	-300	-23	-5	-6
38	Private remittances and other transfers ⁶	-3,506	-1,239	-1,340	-207	-145	-340	-3,828	-1,558	-1,617	-58	-30	-5
Capital account													
39	Capital account transactions, net	-888	-209	-210	-392	-113	-113	-246	-63	-63	-24	-6	-6
Financial account													
40	U.S.-owned assets abroad, excluding financial derivatives (increase/financial outflow (-))	-690,387	-355,172	-273,095	-697,543	-304,586	-266,982	-269,559	-156,496	-106,702	-24,072	-25,325	-17,463
41	U.S. official reserve assets	-689	-224	-204	-558	-179	-152	-558	-179	-152	0	0	0
42	Gold ⁷	0	0	0	0	0	0	0	0	0	0	0	0
43	Special drawing rights												
44	Reserve position in the International Monetary Fund												
45	Foreign currencies	-689	-224	-204	-558	-179	-152	-558	-179	-152			
46	U.S. Government assets, other than official reserve assets	2,056	355	0	337	35	-2	317	29	7	2	0	0
47	U.S. credits and other long-term assets	-500	-89	-92	-439	-51	-61	0	0	0	0	0	0
48	Repayments on U.S. credits and other long-term assets ⁸	2,549	448	122	758	88	71	309	37	7	0	0	0
49	U.S. foreign currency holdings and U.S. short-term assets	7	-5	-30	18	-3	-12	8	-8	0	2	0	0
50	U.S. private assets	-691,754	-355,303	-272,891	-697,321	-304,441	-266,828	-269,318	-156,346	-106,557	-24,074	-25,325	-17,463
51	Direct investment	-127,375	-46,165	-39,191	-111,867	-38,175	-35,621	-87,533	-28,555	-31,632	-4,524	-1,340	-760
52	Foreign securities	-238,694	-83,079	-78,176	-229,796	-86,297	-77,747	-61,438	-26,516	-26,461	-18,682	-9,525	-6,506
53	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	-104,161	-42,385	-38,262	-109,718	-42,304	-37,012	-61,119	-22,977	-1,199	5,208	-2,955	-1,163
54	U.S. claims reported by U.S. banks, not included elsewhere	-221,524	-183,674	-117,262	-245,940	-137,665	-116,448	-59,228	-28,298	-47,265	-6,076	-11,505	-9,034
55	Foreign-owned assets in the United States, excluding financial derivatives (increase/financial inflow (+))	776,455	436,435	319,594	799,079	405,837	338,755	279,897	63,278	55,234	-3,186	-9,360	1,784
56	Foreign official assets in the United States	88,407	17,521	-18,835	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)
57	U.S. Government securities	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)
58	U.S. Treasury securities ⁹	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)
59	Other ¹⁰	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)
60	Other U.S. Government liabilities ¹¹	-302	-232	-67	-333	-365	-236	415	-31	100	5	1	1
61	U.S. liabilities reported by U.S. banks, not included elsewhere	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)
62	Other foreign official assets ¹²	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)
63	Other foreign assets in the United States	688,048	418,914	338,429	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)
64	Direct investment	122,183	3,377	51,099	119,408	-3,114	52,875	106,902	-2,359	26,507	783	919	475
65	U.S. Treasury securities	-34,353	36,076	30,815	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)
66	U.S. securities other than U.S. Treasury securities	347,809	84,577	153,211	330,175	85,425	151,980	49,143	7,021	13,115	-4,544	-4,656	-4,058
67	U.S. currency	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
68	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	252,392	91,071	59,620	255,227	90,515	59,373	97,586	29,732	-5,843	5,257	-4,907	4,847
69	U.S. liabilities reported by U.S. banks, not included elsewhere	17	203,813	43,684	¹⁸ 233,376	¹⁸ 233,376	¹⁸ 233,376	¹⁸ 25,851	¹⁸ 28,915	¹⁸ 21,355	¹⁸ -4,687	¹⁸ -717	¹⁸ 519
70	Financial derivatives, net	19,855	11,736	n.a.	n.a.	7,963	n.a.	9,158	-3,380	n.a.	-315	-503	n.a.
71	Statistical discrepancy (sum of above items with sign reversed) ¹⁴	20,700	-77,073	-22,822	-10,312	-94,823	-48,391	60,497	106,445	68,889	31,900	35,598	15,764
Memoranda:													
72	Balance on goods (lines 3 and 20)	-142,538	-25,977	-32,229	-120,213	-22,704	-28,990	-93,166	-18,682	-23,688	6,826	2,195	2,121
73	Balance on services (lines 4 and 21)	16,859	7,303	3,782	14,267	6,596	3,658	2,518	3,131	953	624	237	217
74	Balance on goods and services (lines 2 and 19)	-125,679	-18,674	-28,447	-105,946	-16,108	-25,332	-90,648					

Transactions, by Area—Continues
of dollars]

France			Germany			Italy			Netherlands			United Kingdom			Europe, excluding European Union			Line	
2006	2007		2006	2007		2006	2007		2006	2007		2006	2007		2006	2007			
	I ¹	II ²		I ¹	II ²		I ¹	II ²		I ¹	II ²		I ¹	II ²		I ¹	II ²		I ¹	II^{2}
62,510	17,558	18,574	81,771	22,229	23,029	27,381	7,224	7,398	83,709	21,735	24,133	195,787	54,344	59,803	92,728	24,792	29,575	1	
39,015	10,790	11,198	61,609	17,068	17,704	20,104	5,313	5,512	41,069	11,311	10,836	92,521	24,847	26,942	55,427	13,963	17,216	2	
23,990	6,898	6,941	40,743	11,734	12,164	12,272	3,436	3,415	30,881	8,667	7,976	44,215	12,478	13,115	31,105	7,904	10,993	3	
15,025	3,892	4,257	20,866	5,334	5,541	7,832	1,877	2,097	10,188	2,644	2,860	48,306	12,369	13,827	24,322	6,059	6,223	4	
45	11	10	183	40	63	293	58	57	230	44	63	334	110	109	1,172	297	225	5	
2,289	453	646	3,165	741	928	1,564	300	407	1,021	199	297	10,775	2,417	3,237	2,318	493	692	6	
569	120	148	1,041	247	286	565	102	142	387	88	100	2,539	511	688	655	129	180	7	
1,618	373	404	3,348	926	840	599	150	219	1,421	366	387	3,459	1,036	1,123	1,822	496	516	8	
2,718	676	760	3,585	826	847	1,377	353	350	1,965	505	513	5,553	1,288	1,387	7,162	1,782	1,837	9	
7,740	2,250	2,279	9,496	2,531	2,564	3,422	912	919	5,151	1,440	1,498	25,560	6,994	7,271	11,128	2,845	2,755	10	
45	9	10	48	23	13	12	2	3	14	2	2	85	13	12	65	17	18	11	
23,496	6,768	7,376	20,162	5,161	5,325	7,277	1,911	1,887	42,640	10,424	13,297	103,266	29,497	32,861	37,302	10,828	12,359	12	
23,452	6,757	7,365	20,091	5,142	5,307	7,261	1,907	1,883	42,624	10,419	13,292	103,170	29,473	32,836	37,222	10,808	12,339	13	
7,209	1,967	2,032	8,906	2,373	2,353	3,893	937	972	32,239	7,653	9,586	25,080	5,692	7,150	19,807	6,165	7,113	14	
16,243	4,790	5,333	10,496	2,545	2,750	3,368	970	911	10,385	2,766	3,706	78,008	23,781	25,686	17,197	4,602	5,208	15	
0	0	0	689	224	204	0	0	0	0	0	0	82	0	0	218	41	18	16	
44	11	11	71	19	18	16	4	4	16	5	5	96	24	25	80	20	20	17	
-73,473	-17,532	-20,654	-139,684	-34,370	-36,560	-42,737	-10,315	-11,602	-61,885	-14,131	-17,990	-210,449	-56,968	-63,644	-106,891	-24,677	-28,294	18	
-52,551	-12,951	-14,490	-117,117	-28,981	-30,736	-40,238	-9,623	-10,915	-26,345	-5,717	-6,989	-91,652	-21,742	-25,630	-75,160	-16,529	-20,390	19	
-37,036	-9,647	-10,265	-89,237	-22,194	-23,362	-32,660	-8,053	-8,600	-17,294	-3,660	-4,499	-53,187	-12,540	-14,563	-53,430	-11,177	-14,232	20	
-15,515	-3,304	-4,225	-27,880	-6,787	-7,373	-7,578	-1,570	-2,315	-9,051	-2,057	-2,489	-38,465	-9,202	-11,067	-21,730	-5,352	-6,098	21	
-112	-24	-25	-6,551	-1,691	-1,714	-1,085	-262	-265	-113	-30	-25	-1,423	-327	-340	-1,446	-340	-335	22	
-3,124	-501	-1,224	-2,559	-577	-834	-2,887	-401	-1,030	-1,027	-221	-337	-5,697	-1,031	-1,947	-2,549	-342	-842	23	
-1,864	-311	-489	-2,596	-615	-736	-775	-174	-206	-826	-133	-241	-4,772	-914	-1,466	-830	-191	-226	24	
-2,080	-429	-477	-5,006	-1,268	-1,316	-798	-165	-187	-2,151	-505	-557	-4,364	-1,040	-1,130	-3,039	-733	-861	25	
-2,811	-583	-481	-2,547	-591	-660	-93	-21	-21	-2,205	-426	-557	-1,776	-466	-527	-4,233	-1,113	-1,114	26	
-5,190	-1,361	-1,431	-8,168	-1,926	-1,998	-1,827	-519	-575	-2,666	-726	-757	-20,209	-5,375	-5,609	-9,155	-2,497	-2,581	27	
-334	-95	-98	-453	-119	-115	-113	-28	-31	-63	-16	-15	-224	-49	-48	-478	-136	-139	28	
-20,922	-4,581	-6,165	-22,567	-5,389	-5,825	-2,498	-692	-687	-35,540	-8,414	-11,001	-118,797	-35,215	-38,014	-31,731	-8,148	-7,964	29	
-20,817	-4,552	-6,139	-22,474	-5,363	-5,802	-2,451	-679	-675	-35,526	-8,410	-10,998	-118,700	-35,188	-37,990	-31,597	-8,110	-7,935	30	
-13,022	-2,338	-3,808	-9,131	-1,825	-2,157	-747	-229	-235	-22,663	-4,593	-6,448	-27,812	-7,253	-6,518	-4,588	-1,145	-830	31	
-6,492	-1,880	-2,013	-10,857	-2,863	-2,946	-1,008	-276	-264	-11,170	-3,377	-4,120	-87,154	-26,867	-29,835	-19,829	-4,618	-4,846	32	
-1,303	-334	-318	-2,486	-675	-699	-696	-174	-176	-1,693	-440	-430	-3,734	-1,068	-1,637	-7,180	-2,347	-2,259	33	
-105	-29	-26	-93	-26	-23	-47	-13	-12	-14	-4	-3	-97	-27	-24	-134	-38	-29	34	
571	206	188	10	343	211	-422	-102	-98	127	30	-34	3,570	498	443	-5,373	-1,553	-1,481	35	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1,948	-435	-449	36	
-96	-22	-24	-413	-108	-109	-245	-62	-70	-28	-7	-8	-269	-69	-75	-126	-24	-32	37	
667	228	212	423	451	320	-177	-40	-28	155	37	-26	3,839	567	518	-3,299	-1,094	-1,000	38	
-32	-8	-8	-19	-5	-5	-26	-7	-7	8	2	2	-49	-13	-13	-496	-96	-96	39	
-39,569	-41,563	-28,011	24,860	-1,222	-17,155	-11,442	7,361	848	-73,165	-22,209	-24,996	-416,493	-136,598	-156,302	7,156	-50,586	-6,113	40	
-214	-44	-67	-226	-95	-41	0	0	0	0	0	0	0	0	0	-131	-45	-52	41	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42	
1	-1	0	-1	-7	1	0	(*)	0	-1	1	-1	0	-11	7	1,719	320	2	46	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-61	-38	-31	47	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,791	360	51	48	
1	-1	0	-1	-7	1	0	(*)	0	-1	1	-1	0	-11	7	-11	-2	-18	49	
-39,356	-41,518	-27,944	25,087	-1,120	-17,115	-11,441	7,360	848	-73,164	-22,210	-24,995	-416,493	-136,605	-156,291	5,568	-50,861	-6,063	50	
-4,886	-1,375	-2,015	-8,275	-2,761	-1,813	-3,184	-720	-1,302	-32,896	-11,895	-19,654	-19,382	-5,742	-1,635	-15,507	-7,989	-3,570	51	
-16,035	-7,671	-9,765	8,972	3,017	-3,016	3,469	1,958	-1,734	5,885	1,542	1,977	-166,890	-53,600	-51,287	-8,898	3,218	-429	52	
-8,007	-13,617	-2,353	9,908	6,038	-1,150	1,391	-130	-70	-40,314	-6,362	7,579	-47,976	-19,243	-35,276	5,557	-81	-1,250	53	
-10,428	-18,855	-13,811	14,482	-7,414	-11,136	-13,117	6,252	3,954	-5,839	-5,495	-14,897	-182,245	-58,020	-68,093	24,416	-46,009	-814	54	
66,894	11,769	4,061	41,565	-16,374	15,049	2,068	-1,626	-2,276	86,106	51,832	16,087	520,153	336,968	250,767	-22,625	30,597	-19,161	55	
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	56
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	57
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	58
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	59
64	-1	9	13	-23	-13	-103	-45	-33	50	37	-10	26	-43	14	31	133	169	60	
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	61
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	62
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	63
28,141	4,289	2,768	31,003	-9,857	2,989	3,756	668	131	17,029	95	16,938	11,468	-2,879	(18)	2,775	6,490	-1,776	64	
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	65
40,847	9,118	7,846	-16,892	4,541	-1,867	-2,816	-1,551	-1,696	-4,053	-714	14,723	280,837	77,596	136,819	17,634	-846	1,231	66	
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	67
-518	7,759	-6,092	17,834	-9,296	4,569	-141	48	79	65,254	-10,269	157,172	60,877	65,218	65,218	-2,835	556	247	68	
-1,640	-9,396	-18,528	18,607	-1,737	18,937	18,137	-748	-757	18,826	18,286	-5,295	18,70,650	18,48,716	18,48,716	-40,230	18,24,266	-19,032	69	
759	-728	n.a.	-687	1,974	n.a.	215	-269	n.a.	1,914	-56	n.a.	6,550	11,481	n.a.	n.a.	3,773	n.a.	70	
-17,659	30,298	25,851	-7,816	27,425	15,431	24,961	-2,266	5,736	-36,815	-37,204	2,798	-99,069	-209,722	-91,054	31,012	17,750	25,570	71	
-13,046	-2,749	-3,324	-48,494	-10,460	-11,199	-20,388	-4,617	-5,185	13,587	5,007	3,477	-8,972	-62	-1,448	-22,325	-3,273	-3,239	72	

Table 11. U.S. International

[Millions]

Line	(Credits +; debits -) ¹	Canada			Latin America and Other Western Hemisphere			South and Central America			Argentina		
		2006	2007		2006	2007		2006	2007		2006	2007	
			I ^r	II ^p		I ^r	II ^p		I ^r	II ^p		I ^r	II ^p
Current account													
1	Exports of goods and services and income receipts	313,969	79,239	85,713	436,402	112,748	121,571	292,206	73,704	79,943	9,209	2,332	2,474
2	Exports of goods and services	270,626	68,897	74,707	292,574	74,259	79,657	255,444	64,611	69,280	7,019	1,950	1,989
3	Goods, balance of payments basis ²	230,982	58,143	63,868	222,298	55,999	59,965	204,735	51,528	55,434	4,761	1,228	1,362
4	Services ³	39,644	10,754	10,838	70,276	18,260	19,693	50,709	13,083	13,846	2,258	722	626
5	Transfers under U.S. military agency sales contracts ⁴	213	74	95	875	192	141	787	155	120	7	2	3
6	Travel	10,334	3,011	3,022	20,693	4,581	5,569	17,476	4,023	4,704	533	224	151
7	Passenger fares	3,095	795	698	6,344	1,702	1,773	5,416	1,494	1,536	337	101	89
8	Other transportation	3,189	793	909	5,362	1,390	1,489	4,186	1,100	1,184	133	36	36
9	Royalties and license fees ⁵	5,079	1,435	1,527	4,242	1,230	1,401	3,413	1,024	1,136	224	65	69
10	Other private services ⁵	17,611	4,624	4,556	32,597	9,126	9,280	19,302	5,257	5,136	1,015	292	276
11	U.S. Government miscellaneous services	123	22	31	164	38	39	129	29	30	9	2	2
12	Income receipts	43,344	10,342	11,006	143,828	38,490	41,913	36,763	9,094	10,663	2,190	382	485
13	Income receipts on U.S.-owned assets abroad	43,206	10,307	10,969	143,613	38,437	41,858	36,576	9,048	10,615	2,182	380	483
14	Direct investment receipts	23,442	4,954	5,244	50,436	12,909	14,568	25,113	5,914	7,124	1,670	238	320
15	Other private receipts	19,764	5,353	5,725	92,941	25,486	27,209	11,254	3,113	3,413	501	137	162
16	U.S. Government receipts	0	0	0	236	42	81	209	21	78	11	5	1
17	Compensation of employees	138	35	37	215	53	55	187	46	48	8	2	2
18	Imports of goods and services and income payments	-355,062	-88,338	-95,950	-517,917	-130,754	-140,012	-371,121	-89,565	-96,421	-5,753	-1,567	-1,445
19	Imports of goods and services	-330,187	-81,286	-87,869	-392,973	-94,378	-100,888	-346,336	-82,989	-88,551	-5,048	-1,374	-1,248
20	Goods, balance of payments basis ²	-306,067	-75,917	-81,487	-334,877	-79,570	-85,599	-316,292	-74,959	-80,729	-3,981	-1,058	-1,000
21	Services ³	-24,120	-5,369	-6,382	-58,096	-14,808	-15,290	-30,044	-8,030	-7,822	-1,067	-316	-248
22	Direct defense expenditures	-240	-54	-64	-316	-74	-75	-292	-67	-69	-9	-1	-1
23	Travel	-7,319	-964	-1,737	-23,735	-6,433	-6,588	-17,277	-4,922	-4,556	-572	-188	-124
24	Passenger fares	-373	-70	-100	-3,050	-700	-682	-2,415	-565	-514	-50	-18	-7
25	Other transportation	-4,725	-1,175	-1,238	-6,076	-1,501	-1,639	-3,187	-802	-890	-118	-30	-33
26	Royalties and license fees ⁵	-860	-185	-194	-604	-133	-403	-67	-76	-10	-2	-3	
27	Other private services ⁵	-10,265	-2,850	-2,962	-23,784	-5,827	-6,032	-6,026	-1,491	-1,600	-292	-74	-77
28	U.S. Government miscellaneous services	-338	-71	-87	-532	-140	-140	-444	-116	-117	-16	-3	-3
29	Income payments	-24,875	-7,052	-8,080	-124,944	-36,376	-39,124	-24,785	-6,576	-7,870	-705	-192	-197
30	Income payments on foreign-owned assets in the United States	-24,405	-6,924	-7,956	-117,735	-34,750	-37,322	-17,688	-4,968	-6,089	-695	-189	-195
31	Direct investment payments	-12,426	-3,458	-4,282	-6,262	-1,641	-2,715	-3,311	-663	-1,408	-2	-4	-4
32	Other private payments	-10,638	-3,022	-3,177	-97,441	-28,944	-30,321	-8,023	-2,288	-2,337	-508	-137	-141
33	U.S. Government payments	-1,341	-444	-477	-14,032	-4,165	-4,286	-6,354	-2,017	-2,344	-185	-48	-50
34	Compensation of employees	-470	-128	-124	-7,209	-1,626	-1,802	-7,097	-1,608	-1,781	-10	-3	-2
35	Unilateral current transfers, net	387	-321	-61	-29,125	-7,190	-6,668	-22,970	-6,082	-5,773	-125	-28	-25
36	U.S. Government grants ⁴	0	0	0	-2,140	-698	-326	-1,765	-597	-272	-1	(*)	(*)
37	U.S. Government pensions and other transfers	-622	-161	-174	-738	-184	-209	-615	-153	-188	-27	-7	-7
38	Private remittances and other transfers ⁶	1,009	-160	113	-26,247	-6,308	-6,133	-20,590	-5,332	-5,313	-97	-21	-18
Capital account													
39	Capital account transactions, net	110	29	32	-185	-41	-40	-189	-42	-41	4	(*)	(*)
Financial account													
40	U.S.-owned assets abroad, excluding financial derivatives (increase/financial outflow (-))	-54,383	-3,545	-36,022	-167,028	-89,773	-123,050	-40,413	-6,700	-17,536	-3,465	-718	-2,887
41	U.S. official reserve assets	0	0	0	0	0	0	0	0	0	0	0	0
42	Gold ⁷	0	0	0	0	0	0	0	0	0	0	0	0
43	Special drawing rights	0	0	0	0	0	0	0	0	0	0	0	0
44	Reserve position in the International Monetary Fund	0	0	0	0	0	0	0	0	0	0	0	0
45	Foreign currencies	0	0	0	0	0	0	0	0	0	0	0	0
46	U.S. Government assets, other than official reserve assets	-1	(*)	0	589	120	181	532	118	159	-3	89	9
47	U.S. credits and other long-term assets	0	0	0	-265	-101	-50	-179	-17	-50	-12	-1	0
48	Repayments on U.S. credits and other long-term assets ⁸	0	0	0	858	240	234	715	152	212	10	90	9
49	U.S. foreign currency holdings and U.S. short-term assets	-1	(*)	0	-5	-19	-3	-4	-17	-3	-1	0	0
50	U.S. private assets	-54,382	-3,546	-36,022	-167,616	-89,894	-123,231	-40,945	-6,819	-17,695	-3,463	-807	-2,896
51	Direct investment	-14,793	-2,510	-6,130	-22,273	-15,387	-9,273	-18,574	-5,008	-4,068	-2,099	-438	-163
52	Foreign securities	-18,879	-3,216	-3,046	67	705	-2,001	-15,063	3,027	-7,714	-927	-59	-2,427
53	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	-1,411	4,536	2,948	17,452	-12,107	-61,830	584	-851	619	-123	-452	496
54	U.S. claims reported by U.S. banks, not included elsewhere	-19,299	-2,356	-23,898	-162,862	-63,105	-50,127	-7,892	-3,987	-6,532	-314	142	-802
55	Foreign-owned assets in the United States, excluding financial derivatives (increase/financial inflow (+))	57,164	16,076	20,300	594,023	65,915	141,805	71,596	30,462	40,376	1,449	810	-226
56	Foreign official assets in the United States	-965	618	282	36,764	20,542	29,464	(8)	(8)	(8)	(8)	(8)	(8)
57	U.S. Government securities	(7)	(7)	(7)	(7)	(7)	(7)	(8)	(8)	(8)	(8)	(8)	(8)
58	U.S. Treasury securities ⁹	(7)	(7)	(7)	(7)	(7)	(7)	(8)	(8)	(8)	(8)	(8)	(8)
59	Other ¹⁰	(7)	(7)	(7)	(7)	(7)	(7)	(8)	(8)	(8)	(8)	(8)	(8)
60	Other U.S. Government liabilities ¹¹	75	-9	-32	13	31	38	10	32	38	10	0	2
61	U.S. liabilities reported by U.S. banks, not included elsewhere	(7)	(7)	(7)	(7)	(7)	(7)	(8)	(8)	(8)	(8)	(8)	(8)
62	Other foreign official assets ¹²	(7)	(7)	(7)	(7)	(7)	(7)	(8)	(8)	(8)	(8)	(8)	(8)
63	Other foreign assets in the United States	58,129	15,458	20,018	557,260	45,373	112,341	(8)	(8)	(8)	(8)	(8)	(8)
64	Direct investment	6,570	4,748	7,516	9,302	-3,909	7,287	5,086	2,184	427	29	-8	5
65	U.S. Treasury securities	(7)	(7)	(7)	(7)	(7)	(7)	(8)	(8)	(8)	(8)	(8)	(8)
66	U.S. securities other than U.S. Treasury securities	30,277	5,211	5,295	169,828	30,904	48,607	14,432	1,657	2,791	613	108	52
67	U.S. currency	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
68	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	(7)	(7)	(7)	(7)	(7)	(7)	(8)	(8)	(8)	(8)	(8)	(8)
69	U.S. liabilities reported by U.S. banks, not included elsewhere	9,610	3,087	8,375	388,358	293	57,898	¹³ 52,068	¹³ 26,589	¹³ 37,120	¹³ 8,829	¹³ 664	¹³ -316
70	Financial derivatives, net	-4,507	2,630	n.a.	3,861	1,190	n.a.	-1,464	-805	n.a.	(9)	n.a.	n.a.
71	Statistical discrepancy (sum of above items with sign reversed) ¹⁴	42,321	-5,769	25,988	-320,031	47,905	6,395	72,354	-972	-548	-1,319	-829	2,109
Memoranda:													
72	Balance on goods (lines 3 and 20)	-75,085	-17,774	-17,619	-112,579	-23,571	-25,634	-111,557	-23,431	-25,296	780	170	362
73	Balance on services (lines 4 and 21)	15,524	5,385	4,457	12,180	3,451	4,403	20,865	5,053	6,024	1,191	406	379
74	Balance on goods and services (lines 2 and 19)	-59,561	-12,389	-13,163	-100,399	-20,120	-21,231	-90,692	-18,378	-19,272	1,971	576	741
75	Balance on income (lines 12 and 29)	18,469	3,290	2,926	18,885	2,114	2,790	11,977	2,518	2,793	1,486	189	288
76	Unilateral current transfers, net (line 35)	387	-321	-61	-29,125	-7,190	-6,668	-22,970	-6,082	-5,773	-125	-28	-25
77	Balance on current account (lines 1, 18, and 35 or lines 74, 75, and 76) ¹⁵	-40,705	-9,420	-10,298	-110,640	-25,196	-25,109	-101,885	-21,942	-22,251	3,331	737	1,004

See the footnotes on pages 180-181.

Transactions, by Area—Continues

of dollars]

Brazil			Mexico			Venezuela			Other South and Central America			Other Western Hemisphere			Line
2006	2007		2006	2007		2006	2007		2006	2007		2006	2007		
	I ^r	II ^p		I ^r	II ^p		I ^r	II ^p		I ^r	II ^p		I ^r	II ^p	
36,399	10,482	10,825	169,645	41,287	44,636	15,512	3,872	4,262	61,440	15,732	17,746	144,196	39,044	41,628	1
26,700	7,711	7,657	156,376	37,998	40,742	12,214	3,034	3,531	53,135	13,918	15,361	37,131	9,648	10,377	2
19,088	5,546	5,510	133,893	32,351	34,631	8,977	2,226	2,731	38,016	10,177	11,200	17,563	4,471	4,531	3
7,612	2,165	2,147	22,483	5,647	6,111	3,237	808	801	15,119	3,741	4,161	19,568	5,177	5,847	4
48	3	6	23	3	7	7	(*)	(*)	702	146	103	88	37	21	5
1,947	490	487	7,146	1,601	1,823	1,336	287	317	6,514	1,421	1,926	3,217	558	865	6
708	206	161	2,119	647	717	419	117	88	1,833	423	481	928	208	237	7
776	208	217	1,403	347	373	147	37	48	1,727	472	510	1,176	290	305	8
921	293	318	1,567	431	489	185	49	58	517	186	202	829	206	266	9
3,205	964	956	10,208	2,613	2,698	1,142	317	289	3,733	1,071	917	13,295	3,869	4,144	10
7	1	2	17	4	4	7	(*)	(*)	94	22	22	35	9	11	11
9,699	2,771	3,168	13,270	3,290	3,894	3,298	839	731	8,305	1,814	2,385	107,066	29,396	31,251	12
9,679	2,766	3,163	13,238	3,282	3,885	3,287	836	728	8,189	1,785	2,356	107,038	29,389	31,244	13
5,973	1,700	1,923	9,391	2,292	2,823	2,777	674	548	5,301	1,011	1,510	25,324	6,995	7,445	14
3,595	1,063	1,195	3,837	988	1,060	502	162	177	2,819	763	819	81,667	22,373	23,796	15
111	3	45	10	2	8	2	8	3	69	11	27	27	21	3	16
20	5	5	32	8	9	11	2	3	116	29	29	28	7	7	17
-31,784	-7,609	-8,431	-229,166	-56,897	-60,230	-39,834	-7,974	-10,644	-64,584	-15,518	-15,669	-146,796	-41,189	-43,592	18
-29,234	-6,591	-7,120	-216,139	-53,787	-56,779	-37,698	-7,611	-9,722	-58,217	-13,625	-13,683	-46,638	-11,390	-12,337	19
-26,373	-5,914	-6,388	-201,196	-49,469	-52,876	-37,134	-7,484	-9,588	-47,608	-11,034	-10,878	-18,585	-4,611	-4,869	20
-2,861	-677	-732	-14,943	-4,318	-3,903	-564	-127	-133	-10,609	-2,591	-2,806	-28,053	-6,779	-7,468	21
-6	-2	-2	-16	-2	-3	-54	-1	-1	-258	-61	-61	-24	-7	-6	22
-749	-176	-192	-10,003	-3,060	-2,578	-249	-55	-55	-5,704	-1,443	-1,607	-6,458	-1,511	-2,032	23
-263	-62	-69	-901	-187	-168	-68	-16	-16	-1,133	-282	-254	-635	-135	-168	24
-465	-121	-134	-981	-250	-281	-93	-23	-25	-1,530	-378	-417	-2,889	-699	-749	25
-10	-6	-7	-214	-52	-59	-2	(*)	(*)	-167	-6	-7	-201	-67	-58	26
-1,353	-306	-323	-2,657	-724	-770	-141	-30	-33	-1,583	-357	-397	-17,758	-4,336	-4,432	27
-15	-4	-5	-171	-43	-43	-9	-2	-3	-233	-64	-63	-88	-24	-23	28
-2,550	-1,018	-1,311	-13,027	-3,110	-3,451	-2,136	-363	-924	-6,368	-1,893	-1,986	-100,158	-29,800	-31,254	29
-2,533	-1,012	-1,308	-6,031	-1,535	-1,689	-2,120	-359	-922	-6,310	-1,873	-1,974	-100,046	-29,782	-31,233	30
19	(*)	(D)	-715	-123	-211	-777	-5	(D)	-1,837	-531	-555	-2,950	-978	-1,307	31
-788	-254	-237	-2,403	-647	-676	-1,129	-296	-292	-3,195	-954	-991	-89,418	-26,656	-27,984	32
-1,764	-758	(D)	-2,913	-765	-802	-214	-58	(D)	-1,278	-388	-428	-7,678	-2,148	-1,942	33
-17	-6	-3	-6,996	-1,575	-1,762	-16	-4	-2	-58	-20	-12	-112	-18	-21	34
-738	-195	-178	-11,134	-2,832	-2,818	-84	62	-21	-10,889	-3,088	-2,730	-6,155	-1,108	-895	35
-25	-6	-4	-64	-24	-13	-8	-2	-2	-1,667	-564	-252	-375	-101	-54	36
-21	-5	-5	-278	-71	-77	-4	-1	-1	-285	-69	-98	-123	-31	-21	37
-692	-184	-169	-10,792	-2,737	-2,728	-72	65	-18	-8,937	-2,455	-2,380	-5,657	-976	-820	38
-7	-2	-2	-116	-29	-28	12	3	3	-82	-15	-15	4	(*)	(*)	39
-14,132	-3,607	-7,903	-9,694	-591	-2,125	-6,275	-695	-783	-6,846	-1,089	-3,838	-126,615	-83,073	-105,514	40
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42
															43
															44
															45
369	11	90	31	13	6	10	(*)	6	124	5	48	56	2	22	46
-57	(*)	-1	-13	0	-4	0	0	0	-97	-16	-45	-86	-84	0	47
427	14	91	67	11	10	10	0	0	221	37	95	143	88	22	48
-1	-3	0	-3	2	-1	0	(*)	0	0	-16	-2	-1	-2	0	49
-14,501	-3,618	-7,993	-9,725	-604	-2,131	-6,285	-695	-789	-6,971	-1,094	-3,886	-126,672	-83,075	-105,536	50
-1,166	-1,386	-248	-10,645	-2,183	-1,579	-2,200	365	-2,619	-3,700	-2,443	-780	-10,379	-5,205	-5,205	51
-8,540	-660	-4,634	2,906	2,524	313	-4,404	-278	-678	-4,098	1,500	-3	15,130	-2,322	5,713	52
9	240	138	744	-369	-78	42	-85	-88	-95	-210	118	16,868	-11,256	-62,449	53
-4,804	-1,812	-3,249	-2,730	-576	-787	122	-137	-136	-166	-1,604	-1,558	-154,970	-59,118	-43,595	54
31,942	22,580	26,643	14,710	1,514	7,010	-2,874	552	-528	26,369	5,006	7,477	522,427	35,453	101,429	55
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	56
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	57
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	58
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	59
5	-1	8	4	1	-1	-7	0	0	-2	32	29	3	-1	0	60
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	61
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	62
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	63
207	391	-480	2,387	832	-203	489	102	769	1,974	867	336	4,215	-6,093	6,860	64
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	65
1,180	390	-568	6,875	759	2,560	1,328	-154	-116	4,436	554	863	155,396	29,247	45,816	66
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	67
-1	-91	204	-91	134	214	-323	225	105	(18)	(18)	(18)	(18)	(18)	(18)	68
18 30,551	18 21,891	18 27,479	18 5,535	18 -212	18 4,440	18 -4,361	18 379	18 -1,286	18 19,961	18 3,553	18 6,249	18 362,813	18 12,300	18 48,753	69
(18)	(18)	n.a.	(18)	(18)	n.a.	(18)	n.a.	n.a.	-1,464	-805	n.a.	5,325	1,995	n.a.	70
-21,681	-21,648	-20,954	65,754	17,547	13,555	33,543	4,181	7,714	-3,944	-223	-2,972	-392,386	48,877	6,943	71
-7,285	-368	-878	-67,303	-17,118	-18,245	-28,157	-5,258	-6,858	-9,592	-857	323	-1,022	-140	-338	72
4,751	1,487	1,415	7,540	1,329	2,208	2,673	681	667	4,511	1,150	1,355	-8,485	-1,602	-1,621	73
-2,534	1,119	537	-59,763	-15,789	-16,037	-25,484	-4,577	-6,190	-5,081	293	1,678	-9,507	-1,742	-1,960	74
7,150	1,753	1,857	243	179	443	1,162	475	-194	1,937	399	6,907	-404	-4	75	75
-738	-195	-178	-11,134	-2,832	-2,818	-84	62	-21	-10,889	-3,088	-2,730	-6,155	-1,108	-895	76
3,878	2,677	2,215	-70,655	-18,442	-18,412	-24,406	-4,041	-6,405	-14,033	-2,874	-653	-8,755	-3,253	-2,859	77

Table 11. U.S. International

[Millions]

Line	(Credits +; debits -) ¹	Asia and Pacific			Australia			China			Hong Kong		
		2006	2007		2006	2007		2006	2007		2006	2007	
			I ^r	II ^p		I ^r	II ^p		I ^r	II ^p		I ^r	II ^p
Current account													
1	Exports of goods and services and income receipts	484,735	126,179	132,351	39,955	9,880	11,108	72,101	19,048	20,526	31,059	7,978	8,254
2	Exports of goods and services	388,038	100,377	105,009	26,840	6,380	7,279	65,959	17,706	18,749	23,063	5,946	6,182
3	Goods, balance of payments basis ²	274,532	71,016	75,478	17,151	4,250	4,480	55,038	14,535	15,933	17,749	4,612	4,788
4	Services ³	113,506	29,361	29,531	9,689	2,130	2,799	10,921	3,171	2,816	5,314	1,334	1,393
5	Transfers under U.S. military agency sales contracts ⁴	4,076	858	1,207	558	82	352	0	0	0	0	(*)	(*)
6	Travel	23,953	5,454	6,889	2,482	514	795	1,642	421	455	473	110	149
7	Passenger fares	5,445	1,431	1,494	574	131	156	431	122	110	140	36	39
8	Other transportation	16,735	4,043	4,282	352	80	81	2,417	608	622	1,221	290	330
9	Royalties and license fees ⁵	20,117	5,247	5,433	1,264	298	368	1,442	406	437	632	154	153
10	Other private services ⁵	42,803	12,210	10,117	4,436	1,021	1,042	4,967	1,610	1,188	2,833	736	719
11	U.S. Government miscellaneous services	377	118	109	22	4	5	22	4	4	15	8	3
12	Income receipts	96,697	25,801	27,342	13,116	3,500	3,829	6,142	1,342	1,777	7,996	2,032	2,073
13	Income receipts on U.S.-owned assets abroad	96,313	25,702	27,242	13,088	3,493	3,822	6,106	1,332	1,767	7,928	2,015	2,055
14	Direct investment receipts	59,227	15,373	16,295	7,602	1,881	2,068	4,684	1,083	1,508	6,105	1,502	1,535
15	Other private receipts	36,627	10,218	10,823	5,486	1,612	1,754	1,359	230	250	1,815	510	520
16	U.S. Government receipts	459	111	124	0	0	0	63	19	9	8	3	0
17	Compensation of employees	384	99	100	28	7	7	36	10	10	68	17	18
18	Imports of goods and services and income payments	-901,322	-226,426	-234,150	-20,144	-5,048	-5,417	-328,244	-83,478	-89,870	-20,386	-4,718	-4,959
19	Imports of goods and services	-765,728	-189,187	-195,593	-13,173	-3,375	-3,596	-295,407	-73,239	-78,736	-14,629	-3,069	-3,348
20	Goods, balance of payments basis ²	-684,297	-168,368	-174,067	-8,147	-1,885	-2,187	-288,125	-71,454	-76,651	-8,160	-1,522	-1,705
21	Services ³	-81,431	-20,819	-21,526	-5,026	-1,490	-1,409	-7,282	-1,785	-2,085	-6,469	-1,547	-1,643
22	Direct defense expenditures	-5,602	-1,449	-1,458	-164	-34	-35	-5	-1	-1	-18	-3	-3
23	Travel	-15,159	-3,909	-4,225	-1,156	-355	-268	-2,155	-528	-705	-1,167	-270	-307
24	Passenger fares	-9,143	-2,357	-2,258	-935	-253	-207	-603	-137	-159	-1,206	-312	-315
25	Other transportation	-23,489	-5,496	-5,896	-342	-84	-89	-3,296	-764	-839	-2,055	-476	-509
26	Royalties and license fees ⁵	-7,838	-2,173	-1,991	-300	-84	-90	-54	-14	-15	-48	-9	-11
27	Other private services ⁵	-19,531	-5,263	-5,537	-2,056	-663	-703	-1,140	-333	-358	-1,931	-466	-489
28	U.S. Government miscellaneous services	-669	-172	-161	-73	-17	-17	-29	-8	-8	-44	-11	-9
29	Income payments	-135,594	-37,239	-38,557	-6,971	-1,673	-1,821	-32,837	-10,239	-11,134	-5,757	-1,649	-1,611
30	Income payments on foreign-owned assets in the United States	-134,558	-36,910	-38,331	-6,953	-1,668	-1,817	-32,461	-10,130	-11,045	-5,742	-1,644	-1,608
31	Direct investment payments	-21,591	-4,997	-5,014	-2,998	-525	-562	29	-6	-6	-228	-65	-68
32	Other private payments	-30,514	-8,893	-9,338	-2,988	-889	-991	-4,654	-1,421	-1,606	-2,565	-839	-861
33	U.S. Government payments	-82,453	-23,020	-23,979	-967	-254	-264	-27,836	-8,703	-9,433	-2,949	-740	-679
34	Compensation of employees	-1,036	-329	-226	-18	-5	-4	-376	-109	-89	-15	-5	-3
35	Unilateral current transfers, net	-15,147	-4,795	-3,084	-234	-51	-43	-2,065	-607	-485	-32	-33	-11
36	U.S. Government grants ⁴	-5,422	-1,921	-925	0	0	0	-4	-2	-2	0	0	0
37	U.S. Government pensions and other transfers	-782	-228	-187	-73	-19	-19	-4	-2	-1	-10	-3	-2
38	Private remittances and other transfers ⁶	-8,943	-2,646	-1,972	-161	-32	-24	-2,057	-603	-482	-22	-30	-9
Capital account													
39	Capital account transactions, net	-988	-243	-244	-27	-7	-7	-152	-41	-42	-21	-5	-6
Financial account													
40	U.S.-owned assets abroad, excluding financial derivatives (increase/financial outflow (-))	-112,874	-2,738	-28,771	-22,757	-10,764	-6,693	4,836	1,595	366	-23,195	1,300	1,375
41	U.S. official reserve assets	-45	-17	-25	0	0	0	0	0	0	0	0	0
42	Gold ⁷	0	0	0	0	0	0	0	0	0	0	0	0
43	Special drawing rights												
44	Reserve position in the International Monetary Fund												
45	Foreign currencies	-45	-17	-25									
46	U.S. Government assets, other than official reserve assets	979	85	230	1	(*)	0	136	42	21	28	14	0
47	U.S. credits and other long-term assets	-143	-144	-19	0	0	0	0	0	0	0	0	0
48	Repayments on U.S. credits and other long-term assets ⁸	1,101	239	243	0	0	0	133	43	20	28	14	0
49	U.S. foreign currency holdings and U.S. short-term assets	21	-10	6	1	(*)	0	3	-1	1	0	0	0
50	U.S. private assets	-113,808	-2,807	-28,976	-22,758	-10,765	-6,693	4,700	1,553	345	-23,223	1,286	1,375
51	Direct investment	-45,041	-15,341	-13,335	-6,460	-3,375	-1,094	-4,656	-1,533	-1,156	-4,817	-1,836	-33
52	Foreign securities	-23,953	-4,878	-4,992	-8,268	-4,878	-2,222	7,346	6,429	3,282	-19,360	1,528	2,080
53	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	3,743	2,165	-1,278	818	3,319	-19	2,744	59	-408	-56	-109	116
54	U.S. claims reported by U.S. banks, not included elsewhere	-48,557	15,247	-9,371	-8,848	-5,831	-3,358	-735	-3,402	-1,373	1,010	1,703	-788
55	Foreign-owned assets in the United States, excluding financial derivatives (increase/financial inflow (+))	354,659	82,089	123,601	16,148	7,623	11,167	209,549	81,300	57,558	37,909	-9,939	9,880
56	Foreign official assets in the United States	275,712	100,208	60,167	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
57	U.S. Government securities	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
58	U.S. Treasury securities ⁹	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
59	Other ¹⁰	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
60	Other U.S. Government liabilities ¹¹	2,397	1,202	180	305	95	-93	-2	0	22	4	-4	0
61	U.S. liabilities reported by U.S. banks, not included elsewhere	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
62	Other foreign official assets ¹²	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
63	Other foreign assets in the United States	78,947	-18,119	63,434	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
64	Direct investment	26,781	7,669	6,953	1,658	-284	-215	-206	91	7	363	-84	53
65	U.S. Treasury securities	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
66	U.S. securities other than U.S. Treasury securities	38,468	-10,659	25,496	8,750	4,250	2,926	12,420	1,850	5,808	1,183	-8,339	7,854
67	U.S. currency	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
68	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	(17)	(17)	(17)	222	612	-111	-2,043	-518	2,425	-176	11	119
69	U.S. liabilities reported by U.S. banks, not included elsewhere	39,547	-3,564	22,934	16,523	18,250	18,860	199,380	79,877	49,296	36,535	-1,523	18,184
70	Financial derivatives, net	3,547	-605	n.a.	-2,505	-649	n.a.	(19)	(19)	n.a.	(19)	(19)	n.a.
71	Statistical discrepancy (sum of above items with sign reversed) ¹⁴	187,390	26,540	10,297	-10,436	-984	-10,115	43,974	-17,817	11,947	-25,335	5,418	-14,534
Memoranda:													
72	Balance on goods (lines 3 and 20)	-409,765	-97,352	-98,589	9,004	2,365	2,293	-233,087	-56,919	-60,718	9,589	3,090	3,083
73	Balance on services (lines 4 and 21)	32,075	8,542	8,005	4,663	640	1,391	3,639	1,387	731	-1,155	-213	-250
74	Balance on goods and services (lines 2 and 19)	-377,690	-88,810	-90,584	13,667	3,005	3,683	-229,448	-55,532	-59,987	8,434	2,877	2,834
75	Balance on income (lines 12 and 29)	-38,897	-11,438	-11,215	6,145	1,827	2,008	-26,695	-8,897	-9,357	2,239	383	461
76	Unilateral current transfers, net (line 35)	-15,147	-4,795	-3,084	-234	-51	-43	-2,065	-607	-485	-32	-33	-11
77	Balance on current account (lines 1, 18, and 35 or lines 74, 75, and 76) ¹³	-431,734	-105,042	-104,883	19,578	4,781	5,648	-258,207	-65,036	-69,829	10,641	3,227	3,284

See the footnotes on pages 180-181.

Transactions, by Area—Continues

of dollars]

India			Japan			Korea, Republic of			Singapore			Taiwan			Other Asia and Pacific			Line	
2006	2007		2006	2007		2006	2007		2006	2007		2006	2007		2006	2007			
	I ¹	II ²		I ¹	II ²		I ¹	II ²		I ¹	II ²		I ¹	II ²		I ¹	II ²		
19,112	5,732	6,015	128,356	33,260	33,599	50,658	13,173	14,092	45,523	12,319	12,173	34,036	8,347	9,809	63,935	16,441	16,775	1	
16,711	4,946	5,165	99,632	25,611	25,982	43,790	11,188	11,874	31,229	8,347	7,952	30,759	7,595	8,914	50,055	12,659	12,912	2	
9,990	2,882	3,380	57,593	15,113	15,411	31,418	7,820	8,680	24,255	6,689	6,172	22,645	5,447	6,880	38,693	9,668	9,754	3	
6,721	2,064	1,785	42,039	10,498	10,571	12,372	3,368	3,194	6,974	1,658	1,780	8,114	2,148	2,034	11,362	2,991	3,159	4	
14	23	46	691	152	129	891	234	135	284	20	79	956	190	237	682	157	229	5	
1,865	463	664	11,245	2,625	2,870	2,753	571	775	461	95	148	880	247	263	2,152	408	770	6	
694	180	252	3,347	898	851	45	16	18	3	(*)	(*)	3	3	1	208	45	67	7	
425	103	105	4,209	965	1,002	2,775	669	739	755	199	212	2,583	641	662	1,998	488	529	8	
301	87	101	9,104	2,342	2,371	2,105	633	669	2,971	664	669	1,429	407	402	871	256	263	9	
3,375	1,195	604	13,348	3,476	3,309	3,776	1,235	849	2,464	670	663	2,242	654	463	5,362	1,613	1,780	10	
48	13	13	96	40	39	28	10	9	36	9	9	21	6	6	89	24	21	11	
2,401	786	850	28,724	7,649	7,617	6,867	1,985	2,218	14,294	3,973	4,221	3,277	752	895	13,880	3,782	3,863	12	
2,385	782	846	28,646	7,629	7,597	6,843	1,979	2,212	14,264	3,965	4,213	3,257	747	890	13,796	3,760	3,841	13	
1,589	528	545	10,235	2,360	2,160	3,349	988	1,132	12,853	3,629	3,866	1,833	382	454	10,977	3,020	3,028	14	
774	248	298	18,366	5,252	5,412	3,484	990	1,079	1,411	336	347	1,424	365	436	2,508	675	727	15	
22	6	3	45	17	25	10	1	1	0	0	0	0	0	0	311	65	86	16	
16	4	4	78	20	20	24	6	6	30	8	8	20	5	5	84	22	22	17	
-29,988	-8,204	-8,270	-238,476	-59,211	-58,737	-60,958	-15,902	-16,525	-27,622	-7,279	-7,527	-52,691	-12,594	-13,163	-122,813	-29,992	-29,683	18	
-28,504	-7,611	-7,663	-174,090	-42,597	-42,260	-53,990	-14,088	-14,522	-22,099	-5,720	-5,900	-45,719	-10,770	-11,324	-118,118	-28,720	-28,244	19	
-21,845	-5,890	-5,887	-148,559	-36,234	-35,661	-45,811	-12,015	-12,293	-17,712	-4,657	-4,733	-38,414	-9,989	-9,473	-107,524	-25,782	-25,476	20	
-6,659	-1,781	-1,776	-25,531	-6,363	-6,599	-8,179	-2,073	-2,229	-4,387	-1,063	-1,167	-7,305	-1,781	-1,851	-10,594	-2,938	-2,768	21	
-27	-17	-4	-1,501	-390	-385	-1,726	-500	-480	-478	-101	-120	-319	-59	-65	-1,364	-344	-365	22	
-2,178	-528	-480	-2,970	-888	-888	-1,011	-255	-322	-453	-111	-154	-918	-245	-297	-3,151	-905	-804	23	
-190	-44	-42	-1,283	-273	-336	-1,425	-336	-394	-347	-87	-88	-1,444	-386	-342	-1,710	-529	-375	24	
-376	-98	-106	-6,772	-1,564	-1,692	-3,246	-766	-808	-1,322	-312	-333	-4,014	-936	-983	-2,066	-496	-537	25	
-31	-7	-9	-7,248	-2,011	-1,814	-45	-8	-10	-24	-7	-8	-43	-14	-16	-46	-21	-19	26	
-3,837	-1,082	-1,130	-5,611	-1,380	-1,451	-704	-199	-210	-1,745	-440	-459	-560	-139	-146	-1,947	-561	-591	27	
-20	-5	-5	-146	-33	-33	-23	-9	-5	-18	-5	-5	-7	-2	-2	-309	-82	-77	28	
-1,484	-593	-607	-64,387	-16,614	-16,477	-6,968	-1,815	-2,003	-5,523	-1,559	-1,627	-6,973	-1,824	-1,839	-4,696	-1,273	-1,440	29	
-1,286	-527	-567	-64,273	-16,577	-16,452	-6,831	-1,771	-1,977	-5,515	-1,556	-1,626	-6,922	-1,806	-1,830	-4,577	-1,231	-1,411	30	
-325	-192	-212	-17,065	-4,132	-3,839	-548	-6	-185	-174	-48	-57	-255	-61	-65	-29	38	-22	31	
-439	-136	-149	-11,704	-3,161	-3,195	-1,350	-468	-494	-3,612	-1,105	-1,153	-1,509	-414	-428	-1,693	-460	-461	32	
-522	-199	-206	-35,504	-9,418	-9,284	-4,933	-1,297	-1,298	-1,729	-403	-416	-5,158	-1,331	-1,337	-2,855	-809	-928	33	
-198	-66	-40	-114	-37	-25	-137	-44	-26	-8	-3	-1	-51	-18	-9	-119	-42	-29	34	
-2,076	-627	-456	1,606	354	465	-551	-217	-90	-27	-7	1	-327	-96	-48	-11,442	-3,511	-2,417	35	
-166	-35	-33	0	0	0	0	0	0	0	0	0	0	(*)	(*)	-5,253	-1,884	-890	36	
-20	-5	-6	-208	-66	-44	-53	-12	-12	-4	-1	-1	-4	-1	-1	-406	-115	-101	37	
-1,890	-587	-417	1,814	420	509	-498	-201	-78	-23	-6	2	-323	-95	-47	-5,783	-1,512	-1,426	38	
-160	-45	-45	-69	2	2	-28	-8	-8	0	(*)	(*)	-33	-8	-8	-498	-130	-131	39	
-3,751	-4,294	-1,660	-54,324	13,891	-10,782	-8,819	1,077	-4,377	-3,386	-379	-2,760	2,198	836	-2,122	-3,676	-6,000	-2,118	40	
0	0	0	-45	-17	-25	0	0	0	0	0	0	0	0	0	0	0	0	41	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42	
																		43	
																		44	
																		45	
114	25	18	5	-5	0	45	3	8	-2	-2	0	2	0	0	649	8	183	46	
-4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-139	-144	-19	47	
111	26	16	0	0	0	43	5	8	0	0	0	0	0	0	786	151	199	48	
7	-1	2	5	-5	0	2	-2	0	-2	-2	0	2	0	0	2	1	3	49	
-3,865	-4,319	-1,678	-54,284	13,913	-10,757	-8,864	1,074	-4,385	-3,384	-377	-2,760	2,197	836	-2,122	-4,325	-6,008	-2,301	50	
-2,074	-1,531	-366	-12,241	-1,724	-10,310	-2,402	-735	-710	-5,363	-1,295	-983	-1,251	-494	-177	-5,777	-2,818	1,494	51	
-1,301	-2,750	-964	2,143	-4,712	-5,016	1,630	1,374	-1,309	-796	212	-1,000	-1,773	1,506	802	-3,574	-3,587	-1,545	52	
-248	16	39	-634	-712	-512	110	-30	-38	134	290	-113	-50	116	-395	925	-784	52	53	
-242	-54	-387	-43,552	21,061	5,081	-8,202	465	-2,328	2,641	416	-1,564	5,270	-292	-2,352	4,101	1,181	-2,302	54	
5,035	6,372	-6,413	47,550	-10,459	33,913	16,124	856	-538	10,351	1,174	3,134	4,143	-2,826	3,490	7,850	7,987	11,411	55	
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	56
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	57
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	58
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	59
47	-11	-34	37	19	54	-125	-66	24	-70	6	-31	46	-24	-74	2,155	1,187	312	60	
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	61
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	62
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	63
505	353	216	21,282	6,522	6,300	2,759	257	365	266	562	83	24	2	56	130	249	89	64	
(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	65
-106	-89	-42	6,060	-10,320	4,937	1,486	60	1,935	1,274	427	-194	6,282	790	929	1,119	712	1,343	66	
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	67
320	-20	699	-217	48	156	-360	84	345	(18)	(18)	(18)	134	62	-119	(18)	(18)	(18)	68	
18 4,269	18 6,139	18 -7,252	18 20,388	18 -6,728	18 22,466	18 12,364	18 521	18 -3,207	18 8,881	18 179	18 3,276	18 -2,343	18 -3,656	18 2,698	18 4,446	18 5,839	18 9,667	69	
(19)	(19)	n.a.	-346	-14	n.a.	(19)	(19)	n.a.	(19)	(19)	n.a.	(19)	(19)	n.a.	6,398	58	n.a.	70	
11,828	1,066	10,829	115,703	22,177	1,539	3,574	1,021	7,446	-24,839	-5,829	-5,021	12,675	6,340	2,043	60,246	15,148	6,163	71	
-11,855	-2,948	-2,507	-90,966	-21,121	-20,250	-14,393	-4,195	-3,613	6,543	2,032	1,438	-15,769	-3,542	-2,594	-68,831	-16,114	-15,722	72	
62	283	9	16,509	4,135	3,973	4,193	1,295	965	2,587	594	613	809	367	183	769	53	391	73	
-11,793	-2,665	-2,498	-74,457	-1															

Table 11. U.S. International

[Millions]

Line	(Credits +; debits -) ¹	Middle East			Africa		
		2006	2007		2006	2007	
			I ^r	II ^p		I ^r	II ^p
Current account							
1	Exports of goods and services and income receipts	62,959	15,561	16,229	34,856	9,743	9,381
2	Exports of goods and services	53,943	13,364	13,667	27,687	8,082	7,462
3	Goods, balance of payments basis ²	35,795	8,789	9,175	18,228	5,341	4,860
4	Services ³	18,148	4,575	4,492	9,459	2,741	2,602
5	Transfers under U.S. military agency sales contracts ⁴	6,784	1,614	1,289	1,294	315	236
6	Travel	2,077	463	615	1,244	238	387
7	Passenger fares	308	77	89	87	59	10
8	Other transportation	1,962	533	601	775	241	285
9	Royalties and license fees ⁵	427	104	103	539	139	139
10	Other private services ⁵	6,488	1,766	1,775	5,438	1,727	1,523
11	U.S. Government miscellaneous services	102	18	20	82	22	21
12	Income receipts	9,015	2,198	2,562	7,168	1,661	1,919
13	Income receipts on U.S.-owned assets abroad	8,920	2,173	2,537	7,096	1,642	1,900
14	Direct investment receipts	6,274	1,441	1,756	5,493	1,238	1,471
15	Other private receipts	2,555	708	766	1,266	340	373
16	U.S. Government receipts	91	24	15	337	64	56
17	Compensation of employees	95	25	25	72	19	19
18	Imports of goods and services and income payments	-101,766	-23,105	-27,196	-87,198	-21,519	-24,670
19	Imports of goods and services	-90,219	-19,991	-23,632	-85,273	-21,075	-24,172
20	Goods, balance of payments basis ²	-71,907	-15,393	-18,878	-80,420	-19,815	-22,778
21	Services ³	-18,312	-4,598	-4,754	-4,853	-1,260	-1,393
22	Direct defense expenditures	-12,912	-3,304	-3,353	-278	-82	-71
23	Travel	-1,255	-289	-324	-1,732	-471	-524
24	Passenger fares	-570	-138	-165	-370	-62	-119
25	Other transportation	-1,207	-291	-312	-402	-117	-124
26	Royalties and license fees ⁵	-183	-72	-71	-27	-7	-7
27	Other private services ⁵	-1,909	-446	-470	-1,794	-458	-486
28	U.S. Government miscellaneous services	-276	-58	-59	-250	-63	-62
29	Income payments	-11,547	-3,114	-3,564	-1,925	-445	-499
30	Income payments on foreign-owned assets in the United States	-11,501	-3,099	-3,555	-1,841	-416	-483
31	Direct investment payments	-1,376	-79	-373	-248	-29	-36
32	Other private payments	-5,008	-1,513	-1,531	-951	-230	-252
33	U.S. Government payments	-5,117	-1,507	-1,651	-642	-157	-195
34	Compensation of employees	-46	-15	-9	-84	-29	-16
35	Unilateral current transfers, net	-12,727	-4,820	-2,523	-5,840	-3,033	-1,313
36	U.S. Government grants ⁴	-10,178	-4,123	-1,775	-2,983	-2,235	-592
37	U.S. Government pensions and other transfers	-119	-33	-34	-29	-24	-7
38	Private remittances and other transfers ⁶	-2,430	-664	-714	-2,828	-774	-714
Capital account							
39	Capital account transactions, net	-329	-84	-84	-1,634	-10	-42
Financial account							
40	U.S.-owned assets abroad, excluding financial derivatives (increase/financial outflow (-))	-9,117	-3,167	-4,774	-1,832	-756	24
41	U.S. official reserve assets	0	0	0	0	0	0
42	Gold ⁷	0	0	0	0	0	0
43	Special drawing rights						
44	Reserve position in the International Monetary Fund						
45	Foreign currencies						
46	U.S. Government assets, other than official reserve assets	189	29	70	3,180	54	124
47	U.S. credits and other long-term assets	-51	-14	-4	-388	-61	-90
48	Repayments on U.S. credits and other long-term assets ⁸	238	41	71	3,583	123	214
49	U.S. foreign currency holdings and U.S. short-term assets	2	2	3	-15	-8	0
50	U.S. private assets	-9,306	-3,196	-4,844	-5,011	-810	-100
51	Direct investment	-4,956	-1,859	-404	-2,176	-1,696	-163
52	Foreign securities	-5,567	-63	216	-2,303	463	-117
53	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	-31	39	-1,178	881	-73	-44
54	U.S. claims reported by U.S. banks, not included elsewhere	1,248	-1,313	-3,478	-1,413	496	224
55	Foreign-owned assets in the United States, excluding financial derivatives (increase/financial inflow (+))	63,305	14,296	4,725	-2,189	1,484	6,606
56	Foreign official assets in the United States	42,079	11,497	-5,105	-1,851	1,808	4,131
57	U.S. Government securities	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁷)
58	U.S. Treasury securities ⁹	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁷)
59	Other ¹⁰	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁷)
60	Other U.S. Government liabilities ¹¹	612	-41	-162	220	-296	-149
61	U.S. liabilities reported by U.S. banks, not included elsewhere	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁷)
62	Other foreign official assets ¹²	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁷)
63	Other foreign assets in the United States	21,226	2,799	9,830	-338	-324	2,475
64	Direct investment	10,271	-414	1,078	287	-5	282
65	U.S. Treasury securities	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁷)
66	U.S. securities other than U.S. Treasury securities	5,432	2,185	2,668	39	-75	-218
67	U.S. currency	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
68	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁷)
69	U.S. liabilities reported by U.S. banks, not included elsewhere	125	-1,330	2,354	-675	7	1,346
70	Financial derivatives, net	(¹⁹)	(¹⁹)	n.a.	610	-263	n.a.
71	Statistical discrepancy (sum of above items with sign reversed) ¹⁴	-2,325	1,319	13,624	63,227	14,355	10,015
Memoranda:							
72	Balance on goods (lines 3 and 20)	-36,112	-6,604	-9,703	-62,192	-14,474	-17,918
73	Balance on services (lines 4 and 21)	-164	-24	-262	4,606	1,481	1,208
74	Balance on goods and services (lines 2 and 19)	-36,276	-6,628	-9,965	-57,586	-12,993	-16,710
75	Balance on income (lines 12 and 29)	-2,531	-916	-916	-1,002	1,216	1,421
76	Unilateral current transfers, net (line 35)	-12,727	-4,820	-2,523	-5,840	-3,033	-1,313
77	Balance on current account (lines 1, 18, and 35 or lines 74, 75, and 76) ¹³	-51,534	-12,364	-13,490	-58,183	-14,810	-16,602

See the footnotes on pages 180-181.

Transactions, by Area—Table Ends
of dollars]

South Africa			Other Africa			International organizations and unallocated ²⁰			Line
2006	2007		2006	2007		2006	2007		
	I ^r	II ^p		I ^r	II ^p		I ^r	II ^p	
7,442	1,935	2,144	27,414	7,807	7,238	44,325	11,719	12,093	1
6,083	1,533	1,734	21,605	6,549	5,728	3,949	1,035	1,092	2
4,449	1,125	1,293	13,779	4,216	3,567	0	0	0	3
1,634	408	441	7,826	2,333	2,160	3,949	1,035	1,092	4
3	(*)	(*)	1,291	315	236	131	32	58	5
326	66	106	918	172	281	0	0	0	6
2	3	(*)	85	56	10	0	0	0	7
172	45	47	603	196	238	1,383	366	362	8
354	94	97	185	44	42	0	1	1	9
772	198	190	4,666	1,529	1,333	2,434	635	670	10
4	1	1	78	21	20	1	(*)	(*)	11
1,359	403	409	5,809	1,258	1,510	40,376	10,684	11,001	12
1,351	401	407	5,745	1,241	1,493	38,813	10,294	10,612	13
572	193	166	4,921	1,045	1,305	18,744	4,671	4,668	14
769	208	236	497	132	137	19,845	5,580	5,904	15
10	0	5	327	64	51	224	43	40	16
8	2	2	64	17	17	1,563	390	389	17
-8,875	-2,404	-2,734	-78,323	-19,116	-21,937	-17,425	-4,306	-4,413	18
-8,615	-2,339	-2,663	-76,658	-18,736	-21,509	-5,282	-1,112	-1,174	19
-7,501	-2,047	-2,323	-72,919	-17,768	-20,455	0	0	0	20
-1,114	-292	-340	-3,739	-968	-1,054	-5,282	-1,112	-1,174	21
-6	-1	-1	-272	-81	-70	0	0	0	22
-338	-103	-127	-1,394	-368	-397	0	0	0	23
-167	-36	-50	-203	-26	-69	0	0	0	24
-83	-22	-22	-319	-95	-102	-4,616	-1,092	-1,156	25
-19	-6	-6	-8	-1	-2	-621	-9	-10	26
-442	-110	-120	-1,352	-348	-366	-39	-7	-6	27
-59	-14	-14	-191	-49	-48	-6	-4	-2	28
-260	-65	-70	-1,665	-380	-428	-12,143	-3,194	-3,239	29
-250	-62	-68	-1,591	-354	-414	-12,143	-3,194	-3,239	30
-15	-10	(D)	-233	-19	(D)	-5,186	-1,283	-1,280	31
-172	-34	-33	-779	-196	-219	-6,203	-1,725	-1,773	32
-63	-18	(D)	-579	-139	(D)	-754	-186	-186	33
-10	-3	-2	-74	-26	-14	0	0	0	34
-484	-144	-137	-5,356	-2,889	-1,176	-19,849	-5,250	-5,933	35
-106	-36	-27	-2,877	-2,199	-565	-4,358	-927	-1,367	36
-8	-2	-2	-21	-22	-5	-491	-699	-699	37
-370	-106	-108	-2,458	-668	-606	-13,000	-3,832	-3,867	38
-4	(*)	(*)	-1,630	-9	-42	1	(*)	(*)	39
-1,687	-319	-236	-145	-437	259	-19,556	-523	-5,423	40
0	0	0	0	0	0	3,108	169	255	41
0	0	0	0	0	0	0	0	0	42
						-223	-43	-39	43
						3,331	212	294	44
									45
-1	1	1	3,181	53	123	-1,645	-199	-1,098	46
0	0	0	-388	-61	-90	-1,645	-199	-1,110	47
0	0	0	3,583	123	214	0	0	0	48
-1	1	1	-14	-9	-1	0	0	12	49
-1,686	-320	-237	-3,326	-490	136	-21,019	-493	-4,580	50
-288	-418	122	-1,889	-1,278	-286	-18,744	-4,671	-4,668	51
-2,017	-212	-343	-286	675	226	-93	2,862	65	52
866	21	15	21	-49	-65	-4	-5	-17	53
-247	334	-37	-1,166	162	261	-2,178	1,321	40	54
-1,892	81	355	-297	1,403	6,251	16,181	1,150	5,649	55
(18)	(18)	(18)	(18)	(18)	(18)	120	-1	-6	56
(18)	(18)	(18)	(18)	(18)	(18)	0	0	0	57
(18)	(18)	(18)	(18)	(18)	(18)	0	0	0	58
(18)	(18)	(18)	(18)	(18)	(18)	0	0	0	59
-2	0	0	222	-296	-149	120	-1	-6	60
(18)	(18)	(18)	(18)	(18)	(18)	0	0	0	61
(18)	(18)	(18)	(18)	(18)	(18)	0	0	0	62
(18)	(18)	(18)	(18)	(18)	(18)	16,061	1,151	5,655	63
141	-2	150	146	-3	132	5,186	1,283	1,280	64
15	-22	-86	24	-53	-132	98	-126	37	66
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	12,571	-1,631	3,347	67
-923	1	5	5	(18)	(18)	0	2	-2	68
¹⁸ -1,123	¹⁸ 104	¹⁸ 286	¹⁸ -689	¹⁸ 1,755	¹⁸ 6,400	¹⁸ -1,794	¹⁸ 1,371	¹⁸ 993	69
	(18)	(18)	(18)	(18)	(18)	n.a.	n.a.	n.a.	70
5,500	851	609	57,727	13,504	9,406	-9,073	-2,902	-1,973	71
-3,052	-922	-1,030	-59,140	-13,552	-16,887	0	0	0	72
520	116	102	4,087	1,365	1,107	-1,333	-78	-82	73
-2,533	-806	-929	-55,053	-12,187	-15,781	-1,333	-78	-82	74
1,099	338	339	4,144	879	1,082	28,233	7,490	7,762	75
-484	-144	-137	-5,356	-2,889	-1,176	-19,849	-5,250	-5,933	76
-1,917	-613	-727	-56,266	-14,197	-15,875	7,051	2,162	1,747	77

Footnotes to U.S. International Transactions Tables 1–11

General notes for all tables: ^p Preliminary. ^r Revised. 0 Transactions are possible, but are zero for a given period. (*) Transactions are less than \$500,000(±). ^o Suppressed to avoid disclosure of data of individual companies. n.a. Transactions are possible, but data are not available. Not applicable, or for data periods 1960–1997, transactions that are 0, “not available,” or “not applicable.” Quarterly estimates are not annualized and are expressed at quarterly rates.

Table 1:

1. Credits, +: Exports of goods and services and income receipts; unilateral current transfers to the United States; capital account transactions receipts; financial inflows—increase in foreign-owned assets (U.S. liabilities) or decrease in U.S.-owned assets (U.S. claims).

Debits, -: Imports of goods and services and income payments; unilateral current transfers to foreigners; capital account transactions payments; financial outflows—decrease in foreign-owned assets (U.S. liabilities) or increase in U.S.-owned assets (U.S. claims).

2. Excludes exports of goods under U.S. military agency sales contracts identified in Census export documents, excludes imports of goods under direct defense expenditures identified in Census import documents, and reflects various other adjustments (for valuation, coverage, and timing) of Census statistics to balance of payments basis; see table 2.

3. Includes some goods: Mainly military equipment in line 5; major equipment, other materials, supplies, and petroleum products purchased abroad by U.S. military agencies in line 22; and fuels purchased by airline and steamship operators in lines 8 and 25.

4. Includes transfers of goods and services under U.S. military grant programs.

5. Beginning in 1982, these lines are presented on a gross basis. The definition of exports is revised to exclude U.S. parents' payments to foreign affiliates and to include U.S. affiliates' receipts from foreign parents. The definition of imports is revised to include U.S. parents' payments to foreign affiliates and to exclude U.S. affiliates' receipts from foreign parents.

6. Beginning in 1982, the “other transfers” component includes taxes paid by U.S. private residents to foreign governments and taxes paid by private nonresidents to the U.S. Government.

7. At the present time, all U.S. Treasury-owned gold is held in the United States.

8. Includes sales of foreign obligations to foreigners.

9. Consists of bills, certificates, marketable bonds and notes, and nonmarketable convertible and nonconvertible bonds and notes.

10. Consists of U.S. Treasury and Export-Import Bank obligations, not included elsewhere, and of debt securities of U.S. Government corporations and agencies.

11. Includes, primarily, U.S. Government liabilities associated with military agency sales contracts and other transactions arranged with or through foreign official agencies; see table 5.

12. Consists of investments in U.S. corporate stocks and in debt securities of private corporations and state and local governments.

13. Conceptually, the sum of line 77 and line 39 is equal to “net lending or net borrowing” in the national income and product accounts (NIPAs). However, the foreign transactions account in the NIPAs (a) includes adjustments to the international transactions accounts for the treatment of gold, (b) includes adjustments for the different geographical treatment of transactions with U.S. territories and Puerto Rico, and (c) includes services furnished without payment by financial pension plans except life insurance carriers and private noninsured pension plans. A reconciliation of the balance on goods and services from the international accounts and the NIPA net exports appears in reconciliation table 2 in appendix A in this issue of the SURVEY OF CURRENT BUSINESS. A reconciliation of the other foreign transactions in the two sets of accounts appears in table 4.3B of the full set of NIPA tables.

Additional footnotes for historical data in July issues of the SURVEY:

14. For 1974, includes extraordinary U.S. Government transactions with India. See “Special U.S. Government Transactions,” June 1974 SURVEY, p. 27.

15. For 1978–83, includes foreign currency-denominated notes sold to private residents abroad.

16. Break in series. See Technical Notes in the June 1989–90, 1992–95, and July 1996–2007 issues of the SURVEY.

Table 2:

1. Exports, Census basis, represent transactions values, f.a.s. port of exportation, for all years; imports, Census basis, represent Customs values (see Technical Notes in the June 1982 SURVEY), except for 1974–81, when they represent transactions values, f.a.s. foreign port of exportation (see July issues of the SURVEY for historical data). From 1983 forward, both unadjusted and seasonally adjusted data have been prepared by BEA from “actual” and “revised statistical” monthly data supplied by the Census Bureau (see Techni-

cal Notes in the December 1985 SURVEY). Seasonally adjusted data reflect the application of seasonal factors developed jointly by Census and BEA. The seasonally adjusted data are the sum of seasonally adjusted five-digit end-use categories (see technical Notes in the June 1980 SURVEY, in the June 1988 SURVEY, and in the June 1991 SURVEY). Prior to 1983, annual data are as published by the Census Bureau, except that for 1975–80 published Census data are adjusted to include trade between the U.S. Virgin Islands and foreign countries.

2. Adjustments in lines A5 and A13, B20, B75, and B130 reflect the Census Bureau's reconciliation of discrepancies between the goods statistics published by the United States and the counterpart statistics published in Canada. These adjustments are distributed to the affected end-use categories in section C. Beginning in 1986, estimates for undocumented exports to Canada, the largest item in the U.S.-Canadian reconciliation, are included in Census basis data shown in line A1.

3. Exports of military equipment under U.S. military agency sales contracts with foreign governments (line A6), and direct imports by the Department of Defense and the Coast Guard (line A14), to the extent such trade is identifiable from Customs declarations. The exports are included in tables 1 and 11, line 5 (transfers under U.S. military agency sales contracts); the imports are included in tables 1 and 11, line 22 (direct defense expenditures).

4. Addition of electric energy; deduction of exposed motion picture film for rental rather than sale; net change in stock of U.S.-owned grains in storage in Canada; coverage adjustments for special situations in which shipments were omitted from Census data; deduction of the value of repairs and alterations to foreign-owned equipment shipped to the United States for repair; and the inclusion of fish exported outside of U.S. customs area. Also includes deduction of exports to the Panama Canal Zone before October 1, 1979, and for 1975–82, net timing adjustments for goods recorded in Census data in one period but found to have been shipped in another (see July issues of the SURVEY for historical data).

5. Coverage adjustments for special situations in which shipments were omitted from Census data; the deduction of the value of repairs and alterations to U.S.-owned equipment shipped abroad for repair; and the adjustment of software imports to market value. Also includes addition of understatement of inland freight in f.a.s. values of U.S. imports of goods from Canada in 1974–81; deduction of imports from the Panama Canal Zone before October 1, 1979; and for 1975–82, net timing adjustments for goods recorded in Census data in one period but found to have been shipped in another (see July issues of the SURVEY for historical data).

6. For 1988–89, correction for the understatement of crude petroleum imports from Canada.

7. Annual and unadjusted quarterly data shown in this table correspond to country and area data in table 11, lines 3 and 20. Trade with international organizations includes purchases of nonmonetary gold from the International Monetary Fund, transfers of tin to the International Tin Council (ITC), and sales of satellites to Intelsat. The memoranda are defined as follows: Members of OPEC: Algeria, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, Venezuela, and beginning with the first quarter of 2007, Angola.

Table 3:

1. Includes royalties, license fees, and other fees associated with the use of intangible assets, including patents, trade secrets, and other proprietary rights, that are used in connection with the production of goods.

2. Includes royalties, license fees, and other fees associated with the use of copyrights, trademarks, franchises, rights to broadcast live events, software licensing fees, and other intangible property rights.

3. Other unaffiliated services receipts (exports) include mainly film and television tape rentals and expenditures of foreign residents temporarily working in the United States. Payments (imports) include mainly expenditures of U.S. residents temporarily working abroad and film and television tape rentals.

4. These reflect the amount of premiums explicitly charged by, or paid to, insurers and reinsurers.

Table 4:

1. Complete instrument detail is only available beginning with 2003.

2. Prior to 2003, includes only demand deposits and nonnegotiable time and savings deposits.

Table 5:

1. Expenditures to release foreign governments from their contractual liabilities to pay for military goods and services purchased through military sales contracts—first authorized (for Israel) under Public Law 93–199, section 4, and subsequently authorized (for many recipients) under similar legislation—are included in line A4. Deliveries against these military sales contracts are included in line C10; see footnote 2. Of the line A4 items, part of these

military expenditures is applied in lines A43 and A46 to reduce short-term assets previously recorded in lines A41 and C8; this application of funds is excluded from lines C3 and C4. A second part of line A4 expenditures finances future deliveries under military sales contracts for the recipient countries and is applied directly to lines A42 and C9. A third part of line A4, disbursed directly to finance purchases by recipient countries from commercial suppliers in the United States, is included in line A37. A fourth part of line A4, representing dollars paid to the recipient countries to finance purchases from countries other than the United States, is included in line A48.

2. Transactions under military sales contracts are those in which the Department of Defense sells and transfers military goods and services to a foreign purchaser, on a cash or credit basis. Purchases by foreigners directly from commercial suppliers are not included as transactions under military sales contracts. The entries for the several categories of transactions related to military sales contracts in this and other tables are partly estimated from incomplete data.

3. The identification of transactions involving direct dollar outflows from the United States is made in reports by each operating agency.

4. Line A38 includes foreign currency collected as interest and line A43 includes foreign currency collected as principal, as recorded in lines A16 and A17, respectively.

5. Includes (a) advance payments to the Department of Defense (on military sales contracts) financed by loans extended to foreigners by U.S. Government agencies and (b) the contra-entry for the part of line C10 that was delivered without prepayment by the foreign purchaser. Also includes expenditures of appropriations available to release foreign purchasers from liability to make repayment.

6. Includes purchases of loans from U.S. banks and exporters and payments by the U.S. Government under commercial export credit and investment guarantee programs.

7. Excludes liabilities associated with military sales contracts financed by U.S. Government grants and credits and included in line C2.

8. Excludes transactions of the U.S. Enrichment Corporation since it became a non-government entity in July 1998.

Table 6:

1. For bank affiliates, includes only interest on permanent debt investment by their parent companies. Excludes interest between financial parent companies and nonbank financial affiliates.

2. For bank affiliates, includes only permanent debt investment by their parent companies. Excludes intercompany debt between financial parent companies and nonbank financial affiliates.

Table 7:

1. Beginning with 2005, source data for new issue estimates are no longer separately available. New issues continue to be included in net purchases.

2. Bahamas, Bermuda, British West Indies (Cayman Islands), and Netherlands Antilles.

Table 8:

1. Prior to 2003, securities brokers' claims on and liabilities to their foreign affiliates are included in the estimates. They are excluded beginning in 2003.

2. Complete instrument detail is only available beginning with 2003.

3. Financial intermediaries' accounts are shown under "other claims (liabilities)" because the majority of these claims (liabilities) are in the form of intercompany balances. Financial intermediaries' accounts represent transactions between firms in a direct investment relationship (that is, between U.S. parents and their foreign affiliates or between U.S. affiliates and their foreign parent groups), where both the U.S. and foreign firms are classified in a finance industry, but the firms are neither banks nor securities brokers.

4. Bahamas, Bermuda, British West Indies (Cayman Islands), and Netherlands Antilles.

Table 9:

1. Beginning with 2003, includes securities brokers' claims on their foreign affiliates.

2. Complete instrument detail is only available beginning with 2003.

3. Includes foreign official agencies and international and regional organizations. Prior to 2003, also includes government-owned corporations and state, provincial, and local governments and their agencies.

4. U.S.-owned banks include U.S.-chartered banks, Edge Act subsidiaries, and U.S. bank holding companies. Foreign-owned banks include U.S.

branches and agencies of foreign banks and majority-owned bank subsidiaries in the United States. Brokers and dealers may be U.S.-owned or foreign-owned.

5. Commercial paper issued in the U.S. market by foreign incorporated entities and held in U.S. customers' accounts. Excludes commercial paper issued through foreign direct investment affiliates in the United States.

6. Prior to 2003, includes negotiable certificates of deposit and other negotiable and transferable instruments.

7. Prior to 2003, includes only deposits.

8. Bahamas, Bermuda, British West Indies (Cayman Islands), and Netherlands Antilles.

Table 10:

1. Beginning with 2003, includes securities brokers' liabilities to their foreign affiliates.

2. Complete instrument detail is only available beginning with 2003.

3. U.S.-owned banks include U.S.-chartered banks, Edge Act subsidiaries, and U.S. bank holding companies. Foreign-owned banks include U.S. branches and agencies of foreign banks and majority-owned bank subsidiaries in the United States. Brokers and dealers may be U.S.-owned or foreign-owned.

4. Bahamas, Bermuda, British West Indies (Cayman Islands), and Netherlands Antilles.

Table 11:

For footnotes 1–13, see table 1.

14. At the global level, the statistical discrepancy represents net errors and omissions in recorded transactions. For individual countries and regions, it may also reflect discrepancies that arise when transactions with one country or region are settled through transactions with another country or region.

15. The "European Union" includes Belgium, Denmark, France, Germany (includes the former German Democratic Republic (East Germany) beginning in the fourth quarter of 1990), Greece, Ireland, Italy, Luxembourg, Netherlands, Portugal, Spain, and the United Kingdom; beginning with the first quarter of 1995, also includes Austria, Finland, and Sweden; beginning with the second quarter of 2004, also includes Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Malta, Poland, Slovakia, and Slovenia; and beginning with the first quarter of 2007, also includes Bulgaria and Romania. The "European Union" also includes the European Atomic Energy Community, the European Coal and Steel Community (through the third quarter of 2002), and the European Investment Bank.

16. The "Euro area" includes Austria, Belgium, Finland, France, Germany, Ireland, Italy, Luxembourg, Netherlands, Portugal, and Spain; beginning with the first quarter of 2001, also includes Greece; and beginning with the first quarter of 2007, also includes Slovenia.

17. Details not shown separately; see totals in lines 56 and 63.

18. Details not shown separately are included in line 69.

19. Estimates of financial derivatives for several countries are not available separately. Estimates for Luxembourg are included in Other Euro area. Estimates for Argentina, Brazil, Mexico, and Venezuela are included in Other South and Central America. Estimates for China, Hong Kong, India, Korea, Singapore, and Taiwan are included in Other Asia and Pacific. Estimates for South Africa are included in Other Africa. In addition, estimates for the Middle East are combined with estimates for Asia and Pacific and included in Other Asia and Pacific.

20. Includes, as part of international and unallocated, taxes withheld; current-cost adjustments associated with U.S. and foreign direct investment; and net U.S. currency flows. Before 1999, also includes the estimated direct investment in foreign affiliates engaged in international shipping, in operating oil and gas drilling equipment internationally, and in petroleum trading. Before 1996, also includes small transactions in business services that are not reported by country.

NOTE. Country data are based on information available from U.S. reporting sources. In some instances, the statistics may not necessarily reflect the ultimate foreign transactor. For instance: U.S. goods export statistics reflect country of reported destination; in many cases the goods may be transshipped to third countries (especially true for the Netherlands and Germany). The geographic breakdown of securities transactions reflects the country with which transactions occurred but may not necessarily reflect the ultimate sources of foreign funds or ultimate destination of U.S. funds.

State Personal Income

Second Quarter of 2007 and Revised Estimates for 2004–2006

By David G. Lenze

CURRENT-DOLLAR personal income growth slowed in the second quarter of 2007, rising 1.2 percent after rising 2.5 percent in the first quarter. The slowdown partly reflected strong first-quarter personal income growth—the second strongest in the current economic expansion—which was boosted by large bonuses paid for 2006. However, year-over-year, personal income growth was strong, rising 6.4 percent.

For the second quarter, inflation, as measured by the national price index for personal consumption expenditures, rose 1.0 percent after increasing 0.9 percent in the first quarter, leaving real U.S. personal income little changed.

These preliminary second-quarter estimates were released by the Bureau of Economic Analysis (BEA) in September, along with preliminary 2006 state estimates of transfer receipts by major program, tax payments by level of government, and detailed farm

income and expenses. BEA also released revised quarterly and annual estimates of state personal income for 2004 through the first quarter of 2007. This article presents highlights from the new and revised data.

Second quarter of 2007

Personal income—the income received by all persons from all sources—amounts to the sum of net earnings by place of residence, property income (income from rents, dividends, and interest), and transfer receipts. Because state personal income reflects the income of residents, a residence adjustment is also included.

In the second quarter, net earnings and transfer receipts accounted for the entire fall in current-dollar personal income growth. Net earnings by place of residence decelerated to 1.0 percent growth in the second quarter from 2.2 percent growth in the first quarter; first-quarter growth had been boosted by unusually

Acknowledgments

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The estimates of nonfarm wages and salaries and supplements to wages and salaries were prepared by the Regional Wage Branch under the supervision of Sharon C. Carnevale, Chief. Major responsibilities were assigned to Elizabeth P. Cologer, John D. Laffman, Michael G. Pilot, Mauricio Ortiz, John A. Rusinko, and James M. Scott. Contributing staff members were Peter Battikha, Michael L. Berry, Ji S. Byun, Susan P. Den Herder, Terence J. Fallon, Tina C. Highfill, Mark W. Hodgins, Russell C. Lusher, Paul K. Medzerian, Nathan D. Patterson, Melanie N. Vejdani, and Jaime Zenzano.

The quarterly estimates of state personal income and the annual estimates of farm wages and salaries, farm supplements to wages and salaries, farm proprietors' income, property income, personal current transfer

receipts, contributions for government social insurance, and the adjustment for residence were prepared by the Regional Income Branch under the supervision of James M. Zavrel, Chief. Major responsibilities were assigned to Carrie L. Litkowski, Toan A. Ly, Jeffrey L. Newman, James P. Stehle, and Matthew A. von Kerczek. Contributing staff members were Suet M. Boudhraa, Daniel R. Corrin, Michelle A. Harder, Carla R. Jenkins, Brian J. Maisano, W. Tim McKeel, Loren Morales, Julia T. Nguyen, and Troy P. Watson.

The estimates of personal current tax receipts were prepared by Ann E. Dunbar under the supervision of Robert L. Brown.

The public-use tabulations and data files were assembled and the tables were prepared by the Regional Economic Information System Branch under the supervision of Kathy A. Albetski, Chief. Major responsibilities were assigned to Gary V. Kennedy. Contributing staff members were Alison M. Adam, Giselle Cubillos-Moraga, H Steven Dolan, Michael J. Paris, Callan S. Swenson, and Monique B. Tyes.

large bonus payments in the finance industry. Professional services, health care, and state and local government contributed more than other industries to second-quarter personal income growth (table A). Transfers also decelerated in the second quarter because first-quarter growth had been boosted by annual cost-of-living adjustments and because of a slowdown in second-quarter Medicaid and social security pay-

ments.

Property income—dividends, interest, and rent—contributed 0.4 percentage points to growth in the second quarter, as it did in the first.

Growth in most states was very similar to the national average. Utah was an exception. It had notably higher growth in the second quarter and has grown substantially faster than all other states over the last

Table A. Contributions to Percent Change in Earnings by Place of Work by State and Region, 2007:I–2007:II¹—Continues

[Percentage points, seasonally adjusted]

	Total earnings ²	Farm	Forestry, fishing, related activities, and other ³	Mining	Utilities	Construction	Manufacturing		Wholesale trade	Retail trade	Transportation and warehousing	Information	Finance and insurance
							Durable goods	Nondurable goods					
United States	0.78	-0.03	0.00	0.03	0.01	0.03	0.08	0.06	0.08	0.04	0.01	0.01	-0.18
New England													
Connecticut.....	0.06	-0.01	0.00	0.00	-0.04	-0.01	0.09	0.07	0.08	0.04	0.01	0.01	-0.73
Maine.....	0.87	-0.02	0.00	0.00	0.01	0.01	0.06	0.08	0.06	0.04	0.02	0.00	-0.01
Massachusetts.....	0.73	0.00	0.00	0.00	0.01	0.00	0.08	0.05	0.08	0.03	0.01	0.01	-0.30
New Hampshire.....	1.05	-0.01	0.00	0.00	0.02	-0.02	0.15	0.06	0.11	0.07	0.01	0.01	0.00
Rhode Island.....	-0.12	0.00	0.00	0.00	0.02	0.03	-0.26	0.05	-0.12	-0.25	0.01	0.00	-0.01
Vermont.....	0.80	-0.04	0.00	0.01	0.03	0.01	0.10	0.06	0.06	0.05	0.01	0.00	-0.05
Mideast													
Delaware.....	0.30	0.01	0.00	0.00	0.02	0.04	0.05	0.09	0.08	0.04	0.01	0.01	-0.85
District of Columbia.....	2.00	0.00	-0.03	0.00	0.03	0.01	0.00	0.01	0.03	0.00	-0.01	0.06	0.07
Maryland.....	0.80	-0.01	0.00	0.00	-0.02	0.04	0.03	0.03	0.06	0.03	0.01	0.01	0.01
New Jersey.....	0.59	-0.01	0.00	0.00	0.01	0.01	0.02	-0.09	0.10	0.04	-0.03	0.01	-0.11
New York.....	-0.94	-0.01	0.00	0.01	0.02	0.06	0.06	0.02	0.05	0.02	0.01	0.01	-1.78
Pennsylvania.....	0.94	-0.02	0.00	0.02	-0.01	0.00	0.08	0.08	0.08	0.03	0.02	0.01	0.01
Great Lakes													
Illinois.....	0.68	-0.09	0.00	0.02	0.02	0.02	0.07	0.10	0.09	0.03	0.02	0.00	-0.18
Indiana.....	0.82	-0.17	0.00	0.01	0.02	0.09	0.18	0.11	0.08	0.02	0.01	0.00	0.00
Michigan.....	0.75	-0.04	0.00	0.01	0.02	-0.05	0.12	0.07	0.07	0.01	0.00	0.01	-0.01
Ohio.....	0.94	-0.05	0.00	0.01	0.02	0.03	0.10	0.09	0.08	0.03	0.02	0.00	0.00
Wisconsin.....	0.93	-0.05	0.00	0.00	0.01	-0.03	0.13	0.13	0.09	0.04	0.02	0.01	0.00
Plains													
Iowa.....	0.72	-0.17	0.00	0.01	0.02	-0.05	0.11	0.11	0.07	0.04	0.04	0.00	0.03
Kansas.....	1.29	0.10	0.00	0.04	0.02	-0.03	0.14	0.13	0.08	0.04	0.01	0.01	0.02
Minnesota.....	1.14	0.04	0.00	0.01	0.02	0.01	0.07	0.09	0.12	0.04	0.01	0.00	0.03
Missouri.....	0.94	0.02	0.00	0.01	0.02	0.02	0.08	0.08	0.09	0.04	0.02	0.01	-0.12
Nebraska.....	0.55	-0.37	0.00	0.01	0.03	0.01	0.04	0.09	0.09	0.04	0.02	0.01	0.01
North Dakota.....	-0.07	-0.77	0.00	0.00	0.04	-0.12	0.06	0.04	0.05	0.07	0.03	0.01	0.04
South Dakota.....	0.86	0.01	0.00	0.01	0.02	-0.04	0.07	0.08	0.08	0.06	0.02	0.00	0.04
Southeast													
Alabama.....	0.91	-0.01	0.00	0.02	0.03	0.04	0.09	0.08	0.08	0.05	0.01	0.00	0.00
Arkansas.....	1.12	0.18	0.00	0.02	0.02	0.01	0.06	0.10	0.07	0.03	0.03	0.01	0.01
Florida.....	0.94	-0.02	0.00	0.00	0.01	0.06	0.04	0.02	0.08	0.04	0.01	0.01	0.02
Georgia.....	0.77	-0.01	0.00	0.01	0.02	0.04	0.07	0.10	0.12	0.05	0.02	-0.14	0.01
Kentucky.....	0.79	-0.02	0.00	0.05	0.01	0.01	0.10	0.08	0.09	0.04	-0.13	0.01	0.01
Louisiana.....	1.01	0.00	0.00	0.10	0.02	0.06	0.09	0.04	0.06	0.04	0.05	0.02	-0.02
Mississippi.....	1.01	0.08	0.00	0.03	0.02	0.03	0.14	0.04	0.07	0.04	0.03	0.01	0.01
North Carolina.....	1.12	-0.02	0.00	0.00	0.01	0.04	0.09	0.11	0.09	0.04	0.01	0.01	0.02
South Carolina.....	0.95	-0.04	0.00	0.00	0.02	0.04	0.10	0.10	0.08	0.04	0.01	0.01	0.00
Tennessee.....	1.01	0.00	0.00	0.01	0.00	0.01	0.10	0.10	0.10	0.05	0.03	0.01	0.00
Virginia.....	1.05	0.00	0.00	0.01	0.02	0.02	-0.02	0.06	0.06	0.04	0.01	0.01	0.01
West Virginia.....	0.85	0.01	0.00	0.13	0.03	-0.02	0.07	0.08	0.03	0.02	-0.01	0.01	0.01
Southwest													
Arizona.....	0.68	-0.03	0.00	0.02	0.02	-0.08	0.06	0.03	0.11	0.07	-0.06	0.01	-0.04
New Mexico.....	1.11	-0.01	0.00	0.09	0.02	0.13	0.04	0.02	0.04	0.05	0.02	0.01	0.00
Oklahoma.....	1.20	0.09	0.00	0.25	-0.06	0.01	0.11	0.17	0.08	0.00	0.04	-0.05	0.00
Texas.....	1.39	-0.01	0.00	0.18	0.03	0.08	0.09	0.11	0.11	0.05	0.04	0.01	0.01
Rocky Mountain													
Colorado.....	0.99	-0.02	0.00	0.10	0.02	-0.01	0.01	-0.09	0.08	0.05	0.03	0.06	-0.01
Idaho.....	0.49	-0.38	-0.01	0.01	0.01	-0.06	0.04	0.05	0.06	0.08	0.02	0.01	0.02
Montana.....	0.96	0.00	0.00	0.07	0.03	0.03	0.04	0.03	0.07	0.07	0.01	0.00	0.00
Utah.....	1.64	-0.03	0.00	0.05	0.01	0.19	0.14	0.10	0.12	0.09	0.01	0.03	0.06
Wyoming.....	0.93	-0.03	0.00	0.34	0.03	-0.10	0.03	-0.04	0.08	0.03	0.04	0.00	0.00
Far West													
Alaska.....	0.67	-0.01	0.00	0.11	0.02	0.10	0.01	0.05	0.02	0.03	0.09	-0.01	0.01
California.....	0.88	-0.06	0.00	0.01	0.02	0.00	0.07	0.06	0.08	0.03	0.02	0.01	-0.02
Hawaii.....	1.05	-0.02	0.00	0.00	0.02	0.19	0.02	0.04	0.06	0.09	0.00	-0.01	0.03
Nevada.....	1.01	-0.01	0.00	0.01	0.01	-0.01	0.02	0.02	0.06	0.05	0.02	0.01	-0.03
Oregon.....	0.87	-0.14	0.00	0.01	0.01	0.09	0.07	0.04	0.10	0.06	0.02	0.02	-0.01
Washington.....	1.42	-0.11	-0.01	0.01	0.00	0.09	0.28	0.04	0.11	0.08	0.01	0.27	0.01
BEA regions													
New England.....	0.53	-0.01	0.00	0.00	0.00	0.00	0.07	0.06	0.07	0.02	0.01	0.01	-0.35
Mideast.....	0.06	-0.01	0.00	0.01	0.01	0.03	0.05	0.01	0.07	0.03	0.01	0.01	-0.79
Great Lakes.....	0.80	-0.07	0.00	0.01	0.02	0.01	0.11	0.09	0.08	0.03	0.01	0.00	-0.06
Plains.....	0.95	-0.05	0.00	0.01	0.02	-0.01	0.08	0.09	0.09	0.04	0.02	0.00	-0.01
Southeast.....	0.96	0.00	0.00	0.02	0.02	0.04	0.06	0.07	0.08	0.04	0.01	-0.01	0.01
Southwest.....	1.24	-0.01	0.00	0.16	0.02	0.05	0.08	0.10	0.10	0.05	0.02	0.01	0.00
Rocky Mountain.....	1.06	-0.07	0.00	0.09	0.02	0.03	0.05	-0.01	0.09	0.06	0.02	0.04	0.01
Far West.....	0.96	-0.07	0.00	0.01	0.02	0.02	0.09	0.05	0.08	0.04	0.02	0.04	-0.02

See the footnotes at the end of the table.

year (table 1). The main contributors to its second-quarter growth were professional services, construction, and durable-goods manufacturing.

In New York, Connecticut, and North Dakota, on the other hand, growth was notably slower than the national average. The slow second-quarter growth in New York and Connecticut reflected unusually large first-quarter bonuses in the finance industry, which is

heavily concentrated in those states. North Dakota's slow growth was concentrated in farming; slow farm earnings reduced personal income growth nearly 1 percentage point.

In the second quarter, eight states had growth rates that were less than the national inflation rate. Two regions (New England and the Mideast) out of eight BEA regions had income growth less than the inflation rate.

Table A. Contributions to Percent Change in Earnings by Place of Work by State and Region, 2007:I–2007:II¹—Table Ends

[Percentage points, seasonally adjusted]

	Real estate and rental and leasing	Professional and technical services	Management of companies and enterprises	Administrative and waste services	Educational services	Health care and social assistance	Arts, entertainment, and recreation	Accommodation and food services	Other services, except public administration	Government		
										Federal, civilian	Military	State and local
United States	-0.01	0.19	0.05	0.03	0.00	0.15	0.02	0.05	0.03	0.01	0.01	0.11
New England												
Connecticut	-0.06	0.17	0.08	0.03	0.00	0.14	0.02	0.03	0.03	0.00	0.00	0.09
Maine	-0.01	0.12	0.03	0.03	0.00	0.23	0.01	0.06	0.03	0.01	0.01	0.09
Massachusetts	-0.01	0.28	0.07	0.03	0.00	0.19	0.02	0.05	0.03	0.01	0.00	0.08
New Hampshire	-0.02	0.17	0.07	0.03	0.00	0.18	0.02	0.06	0.04	0.00	0.01	0.08
Rhode Island	0.00	-0.15	0.09	0.01	0.01	0.16	0.02	0.05	0.03	0.02	0.05	0.11
Vermont	0.00	0.14	0.00	0.01	0.00	0.19	0.01	0.07	0.03	0.00	-0.01	0.12
Mideast												
Delaware	0.00	0.23	0.10	0.03	0.00	0.17	0.02	0.05	0.04	0.02	0.01	0.12
District of Columbia	-0.04	1.06	-0.37	0.15	-0.02	0.21	0.01	0.16	0.34	0.15	0.08	0.09
Maryland	0.01	0.25	0.03	0.03	0.00	0.13	0.01	0.04	0.03	0.01	-0.02	0.09
New Jersey	-0.01	0.21	0.08	0.02	0.00	0.14	0.01	0.04	0.03	0.02	0.00	0.09
New York	0.01	0.24	0.06	-0.01	0.01	0.13	0.04	0.03	0.02	0.00	0.00	0.06
Pennsylvania	-0.01	0.18	0.08	0.03	0.00	0.19	0.02	0.04	0.03	0.02	-0.01	0.07
Great Lakes												
Illinois	-0.07	0.22	0.08	0.05	-0.01	0.14	0.01	0.05	0.03	0.00	0.01	0.09
Indiana	-0.01	0.10	0.04	0.01	-0.01	0.14	0.02	0.03	0.03	0.01	-0.01	0.11
Michigan	-0.04	0.14	0.06	0.02	0.00	0.17	0.01	0.04	0.02	0.01	-0.01	0.10
Ohio	-0.01	0.14	0.09	0.03	0.00	0.16	0.02	0.04	0.03	0.01	0.00	0.10
Wisconsin	0.00	0.11	0.05	0.05	0.00	0.17	0.02	0.04	0.04	0.00	0.00	0.10
Plains												
Iowa	0.00	0.09	0.04	0.02	0.00	0.14	0.01	0.05	0.03	0.01	0.00	0.13
Kansas	-0.01	0.15	0.03	0.04	0.00	0.13	0.00	0.04	0.05	-0.02	0.22	0.10
Minnesota	-0.01	0.17	0.11	0.04	0.00	0.18	0.02	0.04	0.03	0.01	0.00	0.12
Missouri	0.00	0.16	0.09	0.03	0.00	0.16	0.03	0.05	0.04	0.01	-0.01	0.11
Nebraska	0.00	0.11	0.08	0.02	0.01	0.16	0.01	0.03	0.04	0.00	0.00	0.10
North Dakota	0.00	0.11	0.06	-0.01	0.00	0.18	0.01	0.05	0.03	-0.02	-0.02	0.08
South Dakota	-0.03	0.08	0.04	0.02	0.00	0.21	0.01	0.06	0.04	0.00	-0.01	0.09
Southeast												
Alabama	-0.01	0.14	0.02	0.02	0.00	0.13	0.00	0.04	0.03	0.01	0.01	0.12
Arkansas	-0.01	0.10	0.08	0.02	0.00	0.15	0.01	0.05	0.03	0.00	0.03	0.13
Florida	0.00	0.17	0.04	0.07	0.01	0.16	0.05	0.08	0.04	-0.01	-0.01	0.10
Georgia	-0.01	0.19	-0.17	0.04	0.00	0.13	0.01	0.06	0.04	0.02	0.05	0.12
Kentucky	0.00	0.11	0.04	0.03	0.00	0.15	0.01	0.04	0.03	0.02	0.00	0.10
Louisiana	0.03	0.12	0.04	0.00	-0.02	0.16	-0.04	0.10	0.01	0.00	0.03	0.10
Mississippi	0.00	0.11	0.04	0.02	0.00	0.12	0.01	0.04	0.03	0.02	0.03	0.11
North Carolina	-0.01	0.15	0.07	0.04	0.00	0.14	0.02	0.05	0.04	0.03	0.04	0.14
South Carolina	0.00	0.13	0.03	0.03	0.00	0.13	0.01	0.07	0.04	0.01	0.02	0.13
Tennessee	-0.01	0.14	0.03	0.05	0.00	0.18	0.02	0.06	0.04	0.00	0.00	0.10
Virginia	-0.01	0.34	0.09	0.04	0.01	0.09	0.01	0.04	0.05	0.00	0.04	0.12
West Virginia	0.00	0.12	0.02	0.03	-0.01	0.10	0.02	0.03	0.03	0.04	0.01	0.09
Southwest												
Arizona	-0.01	0.19	-0.12	0.02	0.01	0.16	0.03	0.06	0.04	0.04	0.00	0.12
New Mexico	0.00	0.24	0.02	0.06	0.00	0.14	0.01	0.07	0.04	0.03	-0.03	0.11
Oklahoma	0.00	0.14	0.03	0.01	0.01	0.10	0.01	0.03	0.09	0.01	-0.04	0.17
Texas	0.00	0.24	0.03	0.04	0.00	0.14	0.00	0.07	0.02	0.01	0.01	0.13
Rocky Mountain												
Colorado	-0.02	0.30	0.05	0.03	0.00	0.12	0.03	0.06	0.04	0.01	0.03	0.10
Idaho	0.00	0.19	0.07	0.04	0.00	0.14	0.01	0.04	0.02	0.01	0.00	0.11
Montana	-0.05	0.13	0.01	0.02	0.00	0.17	0.03	0.08	0.03	0.06	-0.01	0.15
Utah	0.01	0.25	0.08	0.04	0.02	0.14	0.02	0.07	0.07	0.04	0.01	0.11
Wyoming	-0.01	0.11	0.01	0.00	0.00	0.11	0.01	0.09	0.05	0.00	0.00	0.11
Far West												
Alaska	0.00	0.13	0.02	0.03	0.00	0.18	0.01	0.09	0.01	-0.02	-0.25	0.04
California	-0.02	0.22	0.04	0.03	0.00	0.12	0.03	0.06	0.03	0.02	0.01	0.14
Hawaii	0.01	0.10	0.04	0.08	0.01	0.16	0.02	0.23	0.05	-0.03	0.01	-0.03
Nevada	0.00	0.13	0.10	0.02	0.00	0.14	0.02	0.22	0.03	0.02	0.01	0.18
Oregon	-0.01	0.14	0.07	0.02	0.00	0.16	0.00	0.06	0.02	-0.01	0.00	0.14
Washington	0.01	0.17	0.05	0.03	-0.01	0.14	0.02	0.05	0.04	0.00	0.04	0.12
BEA regions												
New England	-0.02	0.20	0.07	0.03	0.00	0.17	0.02	0.05	0.03	0.01	0.01	0.09
Mideast	0.00	0.24	0.06	0.01	0.00	0.15	0.03	0.04	0.03	0.01	0.00	0.07
Great Lakes	-0.03	0.16	0.07	0.03	0.00	0.16	0.01	0.04	0.03	0.00	0.00	0.10
Plains	0.00	0.14	0.08	0.03	0.00	0.16	0.02	0.04	0.04	0.00	0.03	0.11
Southeast	0.00	0.17	0.02	0.04	0.00	0.14	0.02	0.06	0.04	0.01	0.02	0.11
Southwest	0.00	0.22	0.01	0.04	0.00	0.14	0.01	0.07	0.03	0.01	0.00	0.13
Rocky Mountain	-0.01	0.25	0.05	0.03	0.00	0.13	0.02	0.06	0.05	0.02	0.02	0.11
Far West	-0.01	0.20	0.04	0.03	0.00	0.13	0.03	0.07	0.03	0.01	0.01	0.13

1. An industry's contribution to percent change in personal income equals the dollar change in that industry's earnings divided by personal income in the previous quarter times 100.

2. Earnings by place of work is the sum of wage and salary disbursements (payrolls), supplements to wages

and salaries, and proprietors' income.

3. "Other" consists of the wage and salary disbursements to U.S. residents employed by international organizations and foreign embassies and consulates in the U.S.

Taxes, transfers, and the farm sector

As is customary in September, BEA released preliminary state estimates for the previous year of tax payments by level of government, transfer receipts by major program, and detailed farm income and expenses. The new estimates, based on surveys and tabulations of administrative data, replace estimates of total taxes, total transfers, and total farm proprietors' income that were mostly extrapolations of past trends.¹

Taxes. Personal current tax payments, primarily income taxes, increased at a faster pace than personal income in 2006, continuing the pattern of 2005. Total tax payments increased 12 percent, in contrast to personal income growth of only 6.6 percent. Payments to both the Federal Government and to state governments exceeded the personal income growth rate, increasing 13

percent and 9.3 percent, respectively. Tax payments to local governments increased only 5.1 percent.² The increases in 2006 were smaller than the 2005 increases in tax payments for all levels of government.

Increases in personal current taxes paid to the Federal Government ranged from 7.1 percent in Michigan to 17 percent in Idaho. The largest increases were in states in the Rocky Mountain and Southwest regions, in line with their strong wage growth in 2006. Arizona, Idaho, Oklahoma, Texas, Utah, and Wyoming each had increases of 16 percent or more. In contrast, Federal tax payments increased 10 percent or less in Michigan, Ohio, and Indiana (all in the Great Lakes region). These state had the weakest wage growth in 2006.

Increases in personal current tax payments to state governments ranged from 17 percent in California to

1. The only source data available for the state quarterly estimates of transfer receipts and farm proprietors' income had been unemployment benefits data from the Department of Labor and farm cash receipts from the Department of Agriculture (see table B).

2. About three-quarters of the national total of personal current taxes paid to local governments and 83 percent of the national total of local income taxes are paid in Maryland, New York, Ohio, and Pennsylvania.

Relation of Personal Income in the NIPAs and State Personal

The level of personal income estimates in the national income and product accounts (NIPAs) differs from the national total in the state personal income estimates because of differences in coverage and in the timing of the availability of source data.

The differences in coverage stem from different concepts of residence. For NIPA personal income, a U.S. resident has a center of economic interest in the country and resides, or expects to reside, in the country for a year or more. For state personal income, a resident is a participant in a U.S. regional economy, regardless of the individual's national allegiance or duration of residence.

In general, the NIPA measure of personal income is broader than state personal income. Some key coverage differences are:

- NIPA personal income includes the earnings of Federal civilian and military personnel stationed abroad and the investment income received by the Federal retirement plans of these workers. The regional measure of personal income does not include this income.
- NIPA personal income includes all income earned by U.S. citizens living abroad for less than a year. State personal income excludes the portion earned while an individual lives abroad.
- NIPA personal income includes the income of foreign nationals only if they live and work in the United States for a year or more. State personal income includes the income of resident foreign nationals working in the United States—including migrant workers—regardless of length of residency.

The annual estimates of personal income in the NIPAs also diverge from the national total of state personal income because of differences in the timing of the availability of source data. For example, farm proprietors' income in the NIPAs for 2006 was \$3.5 billion higher than in state personal income, because the state estimates of farm proprietors' income incorporated revised U.S. Department of Agriculture data that were not available until after the national estimate was released.

Both NIPA and state personal income include the income of U.S. residents employed by international organizations or by other countries while living in the United States and exclude the income of foreign nationals employed by their home governments or by international organizations in the United States. In addition, both measures exclude the income of private U.S. citizens living outside the country for a year or more.

Jeffrey L. Newman

State and National Estimates of Personal Income

[Billions of dollars]

	2004	2005	2006
Personal income in the NIPAs	9,727.2	10,301.1	10,983.4
Plus adjustments for:			
Coverage differences			
Federal workers abroad	-14.2	-15.0	-15.5
Wage and salary disbursements.....	-21.1	-22.2	-22.7
Supplements to wages and salaries ¹	-13.8	-14.4	-14.6
Dividends, interest, and rent ²	-7.8	-8.3	-8.7
Less: Contributions for government social insurance.....	-0.9	-1.0	-0.9
Rest-of-the-world difference.....	-1.4	-1.5	-1.5
Wages of private foreign nationals in U.S.	6.9	7.2	7.2
Wages of private U.S. nationals abroad	7.2	7.6	7.9
Use of more current source data			
Wage and salary disbursements.....	-0.3	-0.4	-0.7
Proprietors' income.....	-1.7	-1.7	-1.1
Personal current transfer receipts.....	-0.3	-0.9	2.0
Personal current transfer receipts.....	-1.9	-1.2	-3.5
Personal current transfer receipts.....	0.5	0.4	0.4
Equals: State personal income	9,711.3	10,284.4	10,966.8

1. Consists of employer contributions for government social insurance and for employee pension and insurance funds for Federal workers stationed abroad.
 2. Consists of the investment income received by Federal retirement plans that is attributed to Federal workers stationed abroad.

1.2 percent in Ohio. Payments declined 5.6 percent in Kentucky, which reduced tax rates and expanded a low income tax credit.

Changes in personal current taxes paid to local governments ranged from an 18 percent increase in Indiana to a 54 percent decline in Oregon. The increase in Indiana is only partly attributable to higher tax rates in several counties; variation in the processing speed of income tax returns and the reconciliation of estimated and actual payments were also responsible.

The decline in Oregon was a result of the expiration of Multnomah County's temporary 3-year levy of 1.25 percent on the Oregon taxable income of county residents. This was the only local income tax in the state. All other personal current taxes paid to local governments in Oregon are for motor vehicle licenses, registration of pleasure boats, marriage license fees, and licenses for pets.

Transfers. Personal current transfer receipts increased 6.0 percent in 2006 after growing 6.9 percent in 2005. Medicare benefits increased 21 percent in 2006 (up from 10 percent growth in 2005) in part because of a new drug benefit (see the box "Medicare Prescription Drug Plan"). Food stamp benefits, unemployment in-

surance compensation, Federal education and training assistance, and benefits from a set of miscellaneous programs, including disaster assistance, declined in response to continued strong economic growth and recovery from Hurricane Katrina.³

Farm income and expenses. Farm proprietors' income fell to \$15.8 billion in 2006, compared with \$29.6 billion in 2005. The large drop in farm-sector income reduced national personal income growth by only 0.1 percentage point, but it reduced South Dakota's personal income growth 3.0 percentage points. In addition, the farm sector reduced personal income growth by 0.5 percentage point or more in North Dakota, Montana, Mississippi, Nebraska, Wyoming, Iowa, Idaho, Kansas, New Mexico, and Oklahoma.

Crop cash receipts of farmers were up 4 percent, bolstered by strong demand for corn. Corn cash receipts were up 19 percent, as growing demand by ethanol producers boosted corn prices. Of the five largest corn growing states, corn cash receipts were up almost 40 percent in Minnesota, between 18 and 21 percent

3. The set of miscellaneous programs are called other transfer receipts of individuals from governments in table SA35 on the BEA Web site.

Medicare Prescription Drug Plan

The Medicare Prescription Drug Plan, also known as Medicare Part D, is a voluntary prescription drug insurance program available to elderly and disabled persons that began January 1, 2006. The plan was designed to increase the availability and to reduce the cost of outpatient prescription drugs to persons covered by Medicare. To receive benefits, persons aged 65 or more must be enrolled in an approved insurance plan that has a prescription drug component, pay the required premiums, and meet the mandated deductibles. Persons who qualify for Medicaid are automatically enrolled in the program if they do not select a plan on their own.

Three aspects of the prescription drug plan affect personal income directly: Premium payments from enrollees, payments to qualified insurance plans on behalf of enrollees, and incentive payments to employers.

Premium payments made to prescription drug plans by enrollees of the Medicare Prescription Drug Plan are treated in the national income and product accounts (NIPAs) as employee and self-employed contributions for government social insurance. This is similar to the treatment of premiums paid for Medicare Part B, the other component of Supplementary Medical Insurance. Employee and self-employed contributions for government social insurance are a deduction in the derivation of personal income. Premiums paid for Medicare Part D were slightly more than \$1 billion in 2006.

Federal Government payments to qualified insurance plans on behalf of enrollees are recorded in the NIPAs as personal current transfer receipts. In addition, Federal incentive payments to employers for continuing prescription drug coverage for their retirees are also recorded as personal current transfer receipts. The total of these payments in 2006 was \$45 billion, about 11 percent of all Medicare benefits.

While Medicare benefits were growing because of the new prescription drug plan, Medicaid benefits were falling. Nationally, Medicaid benefits fell 1.6 percent in 2006 after increasing 5.2 percent in 2005. Part of the decline can be attributed to the switching of some drug benefits formerly provided by Medicaid to the new Medicare Prescription Drug Plan.

In addition, the Medicare Prescription Drug Plan may have affected the health insurance component of employer contributions to employee pensions and health insurance (a component of compensation). This is because those employers who accepted incentive payments from the Federal Government to continue drug coverage for their retirees could reduce their own contributions commensurately. Other employers may have decided to eliminate drug coverage for their retirees, expecting them to obtain coverage under the Medicare Prescription Drug Plan. The magnitude of these impacts is not readily identifiable in the source data.

in Iowa, Nebraska, and Indiana, and 0.2 percent in Illinois.⁴

However, the high corn prices increased livestock

4. The value of corn production actually increased 25 percent in Illinois. Cash receipts, however, were essentially the same in 2005 and 2006 because in 2005, farmers reduced their corn inventories, raising cash receipts above the value of production, and in 2006, farmers built up their corn inventories, reducing cash receipts below the value of production.

feed expenses nearly 9 percent in 2006 after falling 6 percent in 2005. Other production expenses were up only 3 percent. As a result, farmers slaughtered more livestock for sale, depressing prices, and lowering cash receipts.⁵ Cash receipts for livestock were down about 4

5. Poor pasturage and low dairy prices also contributed to the decision to increase livestock slaughter.

Data Availability

This article presents summary estimates of annual personal income and disposable personal income for 2001–2006; estimates of annual personal income by major source and earnings by industry for 2004–2006; estimates of quarterly personal income for the third quarter of 2003 to the second quarter of 2007; and quarterly personal income by major source and earnings by major industry for the fourth quarter of 2005 to the second quarter of 2007. These estimates and more detailed estimates of personal income and employment for states are available interactively on BEA's Web site.

The following annual state estimates are available at <www.bea.gov/bea/regional/spi>:

- Personal income, per capita personal income, and population for 1929–2006
- Disposable personal income and per capita disposable personal income for 1948–2006
- State income and employment summary, 1948–2006
- Personal income by major source and earnings by industry (North American Industry Classification System (NAICS) three digit) for 1990–2006, (Standard Industrial Classification System (SIC) two digit) for 1958–2000, and (SIC division level) for 1929–57
- Personal income by major source and earnings by major industry (SIC division level) for 2001
- Compensation of employees by industry (NAICS three digit) for 2001–2006 and (SIC two digit) for 1998–2000
- Compensation of employees by industry (SIC division level) for 2001
- Wage and salary disbursements by industry (NAICS three digit) for 2001–2006, (SIC two digit) for 1958–2000, and (SIC division level) for 1929–57
- Wage and salary disbursements by major industry (SIC division level) for 2001
- Full-time and part-time employment by industry (NAICS three digit) for 1990–2006, (SIC two digit) for 1969–2000, and (SIC division level) for 2001
- Full-time and part-time wage and salary employment by industry (NAICS three digit) for 2001–2006, (SIC two digit) for 1969–2000, and (SIC division level) for 2001
- State economic profiles (a selection of personal income and employment data for each state) for 1958–2006
- Personal current transfer receipts by major program for 1948–2006

- Farm income and expenses (including the major categories of gross receipts and expenses for all farms and for measures of farm income) for 1969–2006
- Personal current tax receipts by level of government and by type for 1948–2006

The following quarterly state estimates are available at <www.bea.gov/bea/regional/sqpi/>:

- Personal income for the first quarter of 1948 to the second quarter of 2007
- Quarterly income summary for the first quarter of 1948 to the second quarter of 2007
- Personal income by major source and earnings by major industry (NAICS two digit) for the first quarter of 2001 to the second quarter of 2007
- Personal income by major source and earnings by major industry (SIC division level) for the first quarter of 1948 to the fourth quarter of 2001
- Compensation of employees by industry (NAICS two digit) for the first quarter of 2001 to the second quarter of 2007
- Compensation of employees by industry (SIC division level) for the first quarter of 1998 to the fourth quarter of 2001
- Wage and salary disbursements by major industry (NAICS two digit) for the first quarter of 2001 to the second quarter of 2007
- Wage and salary disbursements by major industry (SIC division level) for the first quarter of 1948 to the fourth quarter of 2001

In addition, the entire set of estimates for all states will be available in October 2007 on a CD-ROM, including an updated description of the sources and methods used to estimate state personal income. To order the free CD-ROM *State Personal Income, 1929–2006* (product number RCN-0852), call the Order Desk at 1-800-704-0415 (outside the United States, call 202-606-9666).

The state personal income estimates are also available through the members of the BEA User Group, which consists of state agencies and universities that help BEA disseminate estimates in their states. For a list of User Group members, go to <www.bea.gov/bea/regional/docs/usergrp.cfm>.

For more information about these estimates, please call the Regional Economic Information System at 202-606-5360, fax 202-606-5322, or e-mail reis.remd@bea.gov.

Table B. Major New or Revised Source Data in State Personal Income and Personal Current Taxes Since the March 2007 Release

Component of personal income	Annual estimates			Quarterly estimates	
	2004	2005	2006	2007:I	2007:II
Wage and salary disbursements by industry	New CBP estimates; revised USDA farm labor expenses.	Revised QCEW wage data; new RRB state payroll data; new CBP estimates; new Census of Governments data; revised USDA farm labor expenses.	New QCEW wage data; new DOD personnel and average pay data; new Coast Guard payroll data; new Official Catholic Directory data; revised Census Bureau population data; new BLS presumed-noncovered data; revised USDA farm labor expenses.	New QCEW wage data; revised DOD personnel and average pay data; revised Coast Guard payroll data; revised CES data for March; revised Department of Transportation payroll data.	New CES employment data for April, May, and June; new DOD personnel and average pay data; new Coast Guard payroll data; new Department of Transportation payroll data.
Employer contributions for employee pension and insurance funds by industry	Revised Census Bureau data on contributions to state and local government retirement systems.	New Census Bureau data on contributions to state and local government retirement systems; new NAIC earned premium data.	New FRA data on casualties.		
Employer contributions for government social insurance by industry		Revised QCEW data on contributions to unemployment insurance funds; new Census Bureau data on state-administered workers' compensation programs.	New QCEW data on contributions to unemployment insurance funds.		
Farm proprietors' income	Revised USDA estimates of gross income and expenses.	Revised USDA estimates of gross income and expenses.	New USDA estimates of gross income and expenses.	Revised USDA estimates of farm cash receipts for January and February, 2007, new estimates for March 2007; revised USDA U.S. level farm income forecast.	New USDA estimates of farm cash receipts for April and May 2007; revised USDA U.S. level farm income forecast.
Nonfarm proprietors' income by industry	New IRS data on net receipts and profits of proprietorships and partnerships.				
Dividends, interest, and rent		New IRS income tax data on dividends, taxable interest, S Corporation distributions, and gross rents and royalties; new ACS data on the aggregate value of dwellings and mobile homes; revised Census Bureau population data; revised data on gross rental value of farm dwellings.			
Personal current transfer receipts		New Census Bureau state and local government finance data on disability benefits, income maintenance benefits and education benefits; new PBGC data on Pension Benefit Guaranty benefits; new IRS data on Refundable Earned Income Tax Credits; and new SSA data on Social Security benefits and Supplemental Security Income benefits.	New CMS and DOD data on medical benefits; new DVA data on veterans benefits; new HHS data on family assistance; new USDA data on food stamps; and new IRS data on Refundable Earned Income Tax Credits.	Revised Department of Labor unemployment benefits data.	New Department of Labor unemployment benefits data.
Employee and self-employed contributions for government social insurance	New SSA data on OASDHI contributions from self-employed workers; new CMS supplemental medical insurance enrollment data.	New CMS supplemental medical insurance enrollment data; new Census Bureau data on state temporary disability insurance; new RRB contributions data.	New data on personal contributions for state unemployment insurance.		
Personal current taxes	Revised Census Bureau data on quarterly tax collections and state tax collections; new Census Bureau data on local tax collections; new tax collection data from the states.	New IRS income tax data; revised Census Bureau data on quarterly tax collections and state tax collections; new Census Bureau data on local tax collections; new tax collection data from the states.	New Census Bureau data on quarterly tax collections and state tax collections; new tax collection data from the states.		

ACS American Community Survey, Census Bureau
 CBP County Business Patterns, Census Bureau
 CES Current Employment Statistics survey, Bureau of Labor Statistics
 CMS Centers for Medicare and Medicaid Services
 DOD Department of Defense
 DVA Department of Veterans Affairs
 FRA Federal Railroad Administration
 HHS Health and Human Services

IRS Internal Revenue Service
 NAIC National Association of Insurance Commissioners
 PBGC Pension Benefit Guaranty Corporation
 QCEW Quarterly Census of Employment and Wages, Bureau of Labor Statistics
 RRB Railroad Retirement Board
 SSA Social Security Administration
 USDA U.S. Department of Agriculture

percent in 2006. In addition, high crop prices reduced government payments in 2006, which fell 37 percent from 2005.

Revisions

Quarterly and annual estimates of state personal income have been revised, beginning with the first quarter of 2004. The estimates released in March are usually revised each September in order to incorporate source data that are more complete, more detailed, and otherwise more appropriate than those previously available (table B). The revisions also incorporate the results of the recent annual revision of the national income and product accounts (NIPAs).⁶

Annual revisions. The NIPA estimate of U.S. personal income in 2006, which controls the state estimates, was revised up 1.0 percent, the largest revision in the past several estimation cycles.⁷ The entire revision was accounted for by property income. State revisions to the 2006 personal income estimates were also slightly larger than revisions to preliminary annual estimates in the last several revision cycles, but fewer of the revisions were significantly different from the average. The average revision for the 50 states and the District of Columbia was 0.7 percent (with a standard deviation of 1.2) (table C). This compares with an average revision of -0.4 percent (with a standard deviation of 1.4) when the preliminary 2005 estimates were revised last year, and an average revision of 0.0 percent (with a standard deviation of 1.5) when the preliminary 2004 estimates were revised 2 years ago. Even so, the 2006 revisions for 31 states, either up or down, were less than 1 percent (chart 1).

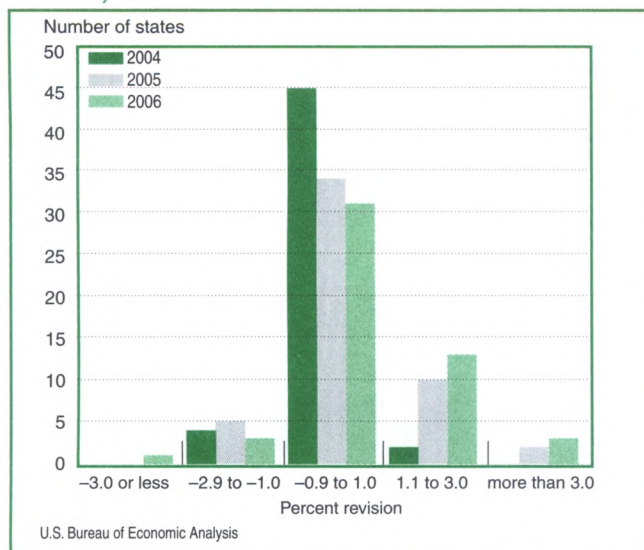
In general, most of the large revisions to state personal income were attributable to the incorporation of new 2005 tax year, state-level Internal Revenue Service data for dividends, interest, and rent. Notable revisions

Table C. Revisions to Personal Income by State, 2004–2006 and 2007:1

	Percent revision			
	Annual			Quarterly
	2004	2005	2006	2007:1
United States	-0.1	0.6	1.0	1.3
New England				
Connecticut.....	0.4	0.7	1.9	2.6
Maine.....	0.7	0.1	-1.3	-0.5
Massachusetts.....	-0.4	0.2	0.8	0.7
New Hampshire.....	-0.2	-0.8	0.9	0.1
Rhode Island.....	0.4	1.2	-0.3	0.0
Vermont.....	1.2	-0.2	1.0	1.6
Mideast				
Delaware.....	-0.1	0.0	-0.1	3.8
District of Columbia.....	0.3	1.5	2.9	3.6
Maryland.....	-0.3	-0.9	-0.7	-0.9
New Jersey.....	-0.4	-1.2	0.0	0.2
New York.....	-0.3	2.4	3.7	4.1
Pennsylvania.....	0.1	-0.4	0.0	0.1
Great Lakes				
Illinois.....	0.7	0.3	0.2	-0.4
Indiana.....	-0.7	-0.9	-0.9	0.1
Michigan.....	-0.5	-0.3	-0.2	0.6
Ohio.....	-0.3	0.0	-0.4	0.8
Wisconsin.....	-1.0	-1.1	-0.6	-0.5
Plains				
Iowa.....	-0.8	-0.6	-0.7	0.5
Kansas.....	-1.1	-0.6	0.0	0.2
Minnesota.....	-0.2	-0.3	0.1	1.3
Missouri.....	0.5	0.5	0.3	0.0
Nebraska.....	-0.6	-0.3	0.0	0.6
North Dakota.....	0.9	2.2	1.5	3.4
South Dakota.....	-0.7	-2.2	-4.5	-2.2
Southeast				
Alabama.....	-0.3	-1.2	-1.4	-1.5
Arkansas.....	-0.2	1.0	1.8	2.7
Florida.....	0.0	2.1	2.4	2.4
Georgia.....	0.0	0.6	0.4	1.5
Kentucky.....	-0.2	0.3	1.2	1.3
Louisiana.....	0.4	0.5	1.3	1.2
Mississippi.....	0.5	1.6	1.4	2.2
North Carolina.....	-0.4	-0.8	0.3	0.7
South Carolina.....	-0.3	0.5	0.6	0.6
Tennessee.....	0.2	0.1	0.0	-0.8
Virginia.....	0.4	1.3	1.0	1.9
West Virginia.....	-0.2	0.1	0.6	0.5
Southwest				
Arizona.....	0.5	1.2	1.6	2.2
New Mexico.....	-1.8	0.5	0.2	1.2
Oklahoma.....	0.1	0.4	0.6	1.2
Texas.....	0.7	2.2	2.3	2.8
Rocky Mountain				
Colorado.....	-0.5	0.5	1.0	1.0
Idaho.....	-0.3	-0.7	0.0	0.5
Montana.....	0.1	0.7	0.6	1.7
Utah.....	0.2	3.1	2.3	2.7
Wyoming.....	0.2	-0.4	-0.3	-0.8
Far West				
Alaska.....	0.9	3.0	3.6	2.8
California.....	-0.2	0.9	1.0	0.9
Hawaii.....	-0.1	1.0	1.5	2.0
Nevada.....	1.2	4.7	5.2	5.2
Oregon.....	-1.4	-2.4	-1.2	-1.5
Washington.....	0.7	0.7	1.7	2.1
Average revision.....	0.0	0.4	0.7	1.1
Average absolute revision.....	0.5	1.0	1.2	1.5
Standard deviation of revision.....	0.6	1.3	1.5	1.5

NOTE. The annual revisions are computed from the March 2007 release and the quarterly revisions are computed from the June 2007 release.

Chart 1. Distribution of Revisions to State Personal Income, 2004–2006



include the following:

- For 2006, the revisions to state personal income were significantly different from average in three states: Nevada, New York, and South Dakota. In all three states the bulk of the revision is accounted for by the introduction of new data for dividends, interest, and rent for 2005. In addition, South Dakota's farm proprietors' income was also revised down sharply and New York's wages contributed 0.8 percentage points to the revision of its personal income.
- For 2005, Alaska, Nevada, Oregon, South Dakota, and Utah had revisions significantly different from average. In the case of Oregon, most of the revision was due to state and local government employer contributions to employee pension and health funds. In the other states, most of the revision was due to the new dividends, interest, and rent data for 2005. In addition, nonfarm proprietors' income contributed -0.5 percentage point to the revision of personal income in Utah, and transfer receipts and wage supplements each contributed about 0.5 percentage point to the revision of Alaska's personal income.
- For 2004, New Mexico, Nevada, and Oregon had revisions significantly different from average. In the

cases of Nevada and New Mexico, the new dividends, interest, and rent data for 2005 accounted for most of the revision, because a centered 3-year moving average is used to allocate a national estimate. Therefore new data for 2005 affects estimates for 2004 (and 2005 and 2006). In addition, revised nonfarm proprietors' income contributed -0.5 percentage point to New Mexico's revision of total personal income and revised state and local government employer contributions for employee pension and insurance funds contributed to revised total personal income in Oregon.

First-quarter revisions. Estimates for the first quarter of 2007, released in June, were also revised to incorporate newly available tabulations of wages covered by state unemployment insurance from the Bureau of Labor Statistics (BLS). Previously, the first-quarter estimates were extrapolated from fourth-quarter estimates using BLS employment data. The average revision to personal income for all states and the District of Columbia was 1.1 percent (table C). The revision makes the first quarter one of the strongest quarters in the current expansion, exceeded only by the 2.6-percent growth in the fourth quarter of 2004.

Tables 1 through 5 follow.

Table 1. Personal Income by State and Region

(Millions of dollars, seasonally adjusted at annual rates)

Area name	2003		2004				2005				2006				2007		Percent change ¹ 2007:I- 2007:II
	III	IV	I ^r	II ^r	III ^r	IV ^r	I ^r	II ^r	III ^r	IV ^r	I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p	
United States	9,190,338	9,326,994	9,467,036	9,608,438	9,756,175	10,013,436	10,059,930	10,216,989	10,310,963	10,549,631	10,767,987	10,902,219	11,016,422	11,180,604	11,458,768	11,595,412	1.2
New England	540,404	549,369	555,698	564,592	573,478	583,505	582,788	590,940	601,422	608,109	621,928	628,193	632,085	643,693	660,522	666,632	0.9
Connecticut	149,278	151,695	154,786	157,218	160,592	164,427	163,084	165,556	168,362	170,946	176,270	176,845	177,893	180,981	187,829	188,663	0.4
Maine	37,620	38,402	38,664	39,156	39,611	40,611	40,064	40,488	40,767	41,217	41,481	42,178	42,425	42,714	43,705	44,240	1.2
Massachusetts	255,219	258,876	260,997	265,314	268,665	272,297	273,980	277,709	283,692	286,627	292,643	296,479	297,925	303,971	311,282	314,829	1.1
New Hampshire	44,479	45,279	45,961	46,757	47,615	48,347	48,038	48,818	49,416	49,646	51,227	51,662	51,988	53,690	53,797	54,518	1.3
Rhode Island	35,139	35,845	36,116	36,469	37,099	37,574	37,657	38,179	38,664	39,053	38,837	39,616	40,181	40,487	41,584	41,802	0.5
Vermont	18,669	19,271	19,175	19,679	19,896	20,250	19,965	20,189	20,520	20,620	21,470	21,612	21,674	21,849	22,324	22,580	1.1
Mideast	1,698,416	1,724,210	1,750,235	1,773,396	1,804,623	1,846,951	1,850,514	1,876,635	1,909,295	1,939,690	1,989,356	2,011,797	2,024,431	2,061,673	2,134,140	2,145,732	0.5
Delaware	27,619	27,858	28,414	28,991	29,302	30,370	30,427	30,708	31,352	32,359	33,031	33,199	33,710	33,148	34,856	35,159	0.9
District of Columbia	26,995	27,502	28,494	28,915	29,308	30,160	30,477	30,983	31,538	32,802	33,124	33,194	33,596	33,990	34,793	35,264	1.4
Maryland	207,049	210,079	215,507	218,494	220,209	225,540	227,527	230,750	234,291	237,261	241,867	244,172	246,913	250,333	255,480	258,557	1.2
New Jersey	345,200	348,763	353,589	357,904	363,798	371,424	369,910	374,385	380,092	383,635	398,096	403,803	403,852	411,018	423,159	426,221	0.7
New York	696,651	708,385	720,105	729,336	745,495	764,247	767,914	780,567	797,501	815,336	834,947	843,569	848,040	868,420	910,518	909,586	-0.1
Pennsylvania	394,901	401,622	404,126	409,757	416,511	425,209	424,259	429,542	434,521	439,320	448,613	453,931	458,321	464,851	475,333	480,944	1.2
Great Lakes	1,429,029	1,450,703	1,445,440	1,464,052	1,483,542	1,513,465	1,512,335	1,528,619	1,544,282	1,556,661	1,585,503	1,603,575	1,615,775	1,630,273	1,667,485	1,686,479	1.1
Illinois	428,584	431,927	436,110	441,037	446,793	457,137	456,347	461,397	467,175	471,729	483,025	489,447	492,904	500,312	511,555	516,949	1.1
Indiana	178,655	182,406	182,004	185,093	187,067	190,725	190,449	192,805	194,662	196,147	201,149	202,535	204,213	205,933	211,452	213,816	1.1
Michigan	312,778	318,392	313,116	315,997	320,200	325,736	326,244	329,558	332,090	333,767	337,269	341,006	342,697	343,329	349,507	353,326	1.1
Ohio	340,630	346,775	343,540	348,859	353,367	360,757	360,038	363,444	367,004	370,823	375,244	380,244	383,598	385,955	395,850	400,702	1.2
Wisconsin	168,383	171,204	170,670	173,066	176,115	179,109	179,257	181,116	183,351	184,195	188,817	190,344	192,362	194,745	199,122	201,686	1.3
Plains	602,154	608,449	618,040	623,563	632,864	649,292	646,006	654,460	663,169	669,501	681,699	694,991	705,455	722,992	732,264	732,264	1.3
Iowa	84,373	85,833	88,902	90,370	90,536	93,352	91,584	92,940	94,088	94,728	97,111	98,073	98,586	100,064	102,926	103,927	1.0
Kansas	81,405	82,463	82,695	83,670	85,313	86,802	87,900	89,225	90,574	91,993	93,749	95,394	96,246	98,748	100,654	102,331	1.7
Minnesota	175,202	176,611	179,775	181,806	184,198	189,399	187,910	189,170	191,853	193,182	197,301	200,195	200,765	202,667	208,422	211,491	1.5
Missouri	166,670	168,314	170,392	171,973	174,684	178,824	178,036	180,885	183,182	185,617	188,399	191,114	192,143	194,752	198,739	201,272	1.3
Nebraska	53,620	54,249	54,462	54,799	55,607	57,077	56,438	57,424	58,176	58,869	59,654	60,792	60,787	61,972	63,532	64,123	0.9
North Dakota	18,414	18,623	18,380	18,380	18,622	19,316	19,934	20,253	20,444	20,732	20,545	21,020	21,004	21,452	22,024	22,093	0.3
South Dakota	22,470	22,951	23,434	23,665	23,904	24,522	24,204	24,564	24,852	24,979	24,940	25,153	25,459	25,800	26,693	27,026	1.2
Southeast	2,048,195	2,083,327	2,126,798	2,160,740	2,194,214	2,252,146	2,279,758	2,319,357	2,276,493	2,405,047	2,438,789	2,469,920	2,500,535	2,534,590	2,590,662	2,626,749	1.4
Alabama	118,720	120,532	122,971	125,063	126,835	130,263	129,960	132,373	132,951	136,970	138,803	141,080	142,932	144,537	147,612	149,486	1.3
Arkansas	66,801	68,083	68,795	69,732	71,005	73,294	73,111	74,388	75,212	76,628	78,295	79,581	80,458	81,470	83,501	84,823	1.6
Florida	517,232	527,076	547,010	558,824	567,227	587,784	596,931	609,677	625,222	635,237	649,242	657,763	669,342	676,695	690,106	701,386	1.6
Georgia	251,426	254,723	258,300	262,087	265,854	272,301	276,584	281,273	286,085	291,712	294,930	297,845	301,001	305,763	315,344	318,921	1.1
Kentucky	106,610	108,131	109,541	110,547	112,093	114,523	115,812	117,838	119,214	120,339	122,711	124,484	125,611	127,196	129,944	131,427	1.1
Louisiana	116,286	118,066	120,051	121,022	122,610	125,495	126,634	128,228	130,136	131,861	133,251	135,365	137,541	140,088	141,975	143,975	1.3
Mississippi	66,534	67,562	68,328	69,120	70,216	71,450	73,035	74,159	75,787	77,175	77,886	78,566	79,642	81,506	82,656	84,756	1.4
North Carolina	235,657	240,530	244,645	248,363	252,988	259,142	261,181	265,123	269,182	272,453	280,482	284,020	288,013	293,103	300,284	304,707	1.5
South Carolina	107,357	109,023	110,349	112,320	114,077	116,646	117,957	119,947	121,666	123,344	126,059	127,546	128,836	130,723	133,547	135,349	1.3
Tennessee	165,732	168,546	170,803	173,231	176,068	178,862	180,667	183,259	186,130	188,492	190,897	194,580	195,489	199,374	201,185	203,728	1.3
Virginia	251,942	256,597	261,300	264,987	269,297	275,554	280,821	285,363	290,058	292,760	298,201	301,092	303,612	308,623	314,722	318,868	1.3
West Virginia	43,898	44,457	44,706	45,445	45,943	46,833	47,065	47,728	48,238	48,789	50,132	50,791	51,310	51,923	52,823	53,424	1.1
Southwest	944,045	960,144	982,187	998,938	1,015,997	1,044,163	1,067,550	1,088,174	1,114,346	1,136,710	1,164,280	1,185,485	1,204,384	1,226,708	1,256,940	1,277,020	1.6
Arizona	151,205	154,504	159,858	162,887	166,136	170,885	174,214	178,685	184,288	186,324	192,840	194,569	199,083	201,544	206,814	209,191	1.1
New Mexico	46,748	47,917	48,670	49,297	49,962	51,266	52,503	53,574	54,598	55,357	56,728	57,634	58,738	59,304	60,781	61,774	1.6
Oklahoma	92,994	94,622	97,193	99,120	100,746	103,252	103,823	105,408	107,327	109,414	113,807	115,075	116,827	118,130	120,559	122,434	1.6
Texas	653,098	663,102	676,467	687,634	699,153	718,760	737,010	750,507	768,133	785,614	800,906	818,206	829,736	847,730	868,787	883,621	1.7
Rocky Mountain	292,008	294,382	301,068	306,628	309,840	318,923	323,676	329,460	336,032	341,296	349,884	354,588	361,004	366,815	374,942	380,421	1.5
Colorado	156,526	156,897	159,94														

Table 2. Annual Personal Income and Per Capita Personal Income by State and Region

Area name	Personal income							Per capita personal income ¹						Rank in United States
	Millions of dollars						Percent change ²	Dollars						
	2001	2002	2003	2004 ^r	2005 ^r	2006 ^r		2001	2002	2003	2004 ^r	2005 ^r	2006 ^r		2006
United States	8,716,992	8,872,871	9,150,320	9,711,271	10,284,378	10,966,808	6.6	30,562	30,795	31,466	33,072	34,685	36,629	.....
New England	524,402	528,030	538,413	569,318	595,815	631,475	6.0	37,308	37,330	37,894	39,976	41,797	44,252	.....
Connecticut	147,356	146,997	148,777	149,777	159,256	166,987	6.6	42,921	42,510	42,723	45,581	47,701	50,787	1
Maine	35,107	35,998	37,533	39,510	40,634	42,199	3.9	27,291	27,759	28,713	30,071	30,825	31,931	39
Massachusetts	249,095	249,954	253,993	266,818	280,502	297,755	6.2	38,880	38,866	39,442	41,457	43,601	46,255	3
New Hampshire	42,624	43,393	44,327	47,170	48,979	52,142	6.5	33,871	34,061	34,471	36,342	37,480	39,655	7
Rhode Island	32,478	33,635	35,072	36,814	38,388	39,780	3.6	30,683	31,477	32,631	34,121	35,757	37,261	17
Vermont	17,742	18,051	18,711	19,750	20,324	21,601	6.3	28,948	29,292	30,247	31,814	32,654	34,623	23
Mideast	1,627,895	1,648,005	1,690,345	1,793,801	1,894,034	2,021,814	6.7	34,895	35,144	35,871	37,919	39,927	42,545	.....
Delaware	25,537	26,530	27,395	29,289	31,211	33,272	6.6	32,104	32,932	33,537	35,317	37,080	38,984	12
District of Columbia	25,525	25,786	26,914	29,220	31,195	33,356	6.9	44,210	44,543	46,606	50,403	53,594	57,358	.....
Maryland	191,657	198,824	205,737	219,938	232,457	245,821	5.7	35,625	36,539	37,361	39,605	41,587	43,774	5
New Jersey	332,951	337,009	342,858	361,679	377,006	404,192	7.2	39,141	39,290	39,717	41,688	43,318	46,328	2
New York	679,886	677,604	693,533	739,795	790,329	848,744	7.4	35,604	35,352	36,050	38,348	40,916	43,962	4
Pennsylvania	372,339	382,251	393,908	413,901	431,836	456,429	5.7	30,281	31,023	31,892	33,440	34,810	36,689	19
Great Lakes	1,359,189	1,386,117	1,428,321	1,476,625	1,535,474	1,608,781	4.8	29,904	30,370	31,176	32,107	33,285	34,765	.....
Illinois	407,254	413,711	426,877	445,269	464,162	491,422	5.9	32,516	32,847	33,746	35,023	36,361	38,297	15
Indiana	167,881	172,474	178,675	186,222	193,515	203,457	5.1	27,403	28,023	28,857	29,923	30,883	32,226	36
Michigan	299,542	303,465	313,503	318,762	330,490	341,075	3.2	29,945	30,231	31,138	31,581	32,719	33,784	26
Ohio	325,623	333,158	341,146	351,631	365,327	381,260	4.4	28,583	29,187	29,826	30,680	31,849	33,217	28
Wisconsin	158,888	163,309	168,120	174,740	181,980	191,567	5.3	29,398	30,028	30,752	31,778	32,922	34,476	24
Plains	562,733	576,806	598,619	630,940	658,284	693,472	5.3	29,041	29,616	30,582	32,040	33,237	34,774	.....
Iowa	79,456	82,398	83,920	90,515	93,335	98,459	5.5	27,098	28,071	28,584	30,645	31,473	33,011	30
Kansas	77,564	78,606	81,116	84,620	89,773	96,034	7.0	28,701	28,955	29,745	30,902	32,666	34,744	22
Minnesota	162,578	166,968	173,498	183,795	190,529	200,232	5.1	32,608	33,230	34,295	36,078	37,164	38,751	13
Missouri	156,937	161,104	166,129	173,968	181,930	191,602	5.3	27,810	28,362	29,082	30,240	31,380	32,793	31
Nebraska	49,303	50,390	53,391	55,486	57,727	60,801	5.3	28,676	29,177	30,737	31,761	32,833	34,383	25
North Dakota	16,465	16,743	18,179	18,674	20,341	21,005	3.3	25,875	26,423	28,736	29,369	32,053	33,034	29
South Dakota	20,429	20,596	22,386	23,881	24,650	25,338	2.8	26,948	27,089	29,304	31,007	31,811	32,405	32
Southeast	1,922,935	1,973,853	2,040,368	2,183,474	2,320,164	2,485,959	7.1	27,344	27,731	28,340	29,915	31,325	33,170	.....
Alabama	110,421	113,835	118,356	126,283	133,063	141,838	6.6	24,721	25,423	26,330	27,955	29,255	30,841	42
Arkansas	61,967	63,234	66,476	70,706	74,835	79,951	6.8	23,022	23,366	24,407	25,741	26,961	28,444	48
Florida	478,637	495,489	514,378	565,211	616,767	663,261	7.5	29,266	29,702	30,290	32,546	34,712	36,665	20
Georgia	240,616	244,957	250,806	264,635	283,913	299,885	5.6	28,563	28,490	28,863	29,617	31,088	32,025	37
Kentucky	101,346	103,866	106,319	111,676	118,301	125,001	5.7	24,915	25,401	25,840	26,972	28,352	29,719	46
Louisiana	110,256	112,744	115,695	122,294	111,696	134,505	20.4	24,702	25,219	25,819	27,203	24,781	31,369	40
Mississippi	62,739	63,979	66,305	69,778	74,033	78,317	5.8	21,967	22,346	23,069	24,122	25,454	26,908	50
North Carolina	225,395	228,684	234,983	251,285	266,985	286,405	7.3	27,489	27,508	27,922	29,455	30,785	32,338	34
South Carolina	101,468	104,046	107,203	113,348	120,729	128,291	6.3	24,988	25,370	25,880	27,022	28,427	29,688	47
Tennessee	154,416	159,173	165,402	174,741	184,637	195,085	5.7	26,871	27,499	28,350	29,690	31,001	32,305	35
Virginia	233,770	240,534	250,605	267,785	287,250	302,382	5.3	32,501	33,014	33,976	35,836	37,974	39,564	9
West Virginia	41,902	43,312	43,841	45,731	47,955	51,039	6.4	23,261	24,007	24,240	25,253	26,435	28,067	49
Southwest	892,795	905,918	939,250	1,010,321	1,101,695	1,195,214	8.5	27,937	27,830	28,378	29,991	32,072	33,947	.....
Arizona	138,854	144,150	150,582	164,941	180,878	197,009	8.9	26,197	26,472	26,975	28,707	30,384	31,949	38
New Mexico	44,138	44,987	46,650	49,799	54,008	58,101	7.6	24,083	24,247	24,846	26,201	28,042	29,725	45
Oklahoma	90,161	90,178	92,599	100,078	106,493	115,960	8.9	26,008	25,850	26,424	28,408	30,054	32,398	33
Texas	619,642	626,604	649,419	695,504	760,316	824,144	8.4	29,012	28,793	29,340	30,887	33,160	35,058	21
Rocky Mountain	279,678	283,369	289,654	309,115	332,616	358,073	7.7	29,631	29,580	29,899	31,394	33,174	35,004	.....
Colorado	152,700	153,066	154,829	163,805	175,815	188,173	7.0	34,481	34,014	34,059	35,621	37,702	39,587	8
Idaho	33,054	33,849	34,816	38,123	40,414	43,917	8.7	25,014	25,180	25,461	27,337	28,274	29,948	43
Montana	22,359	22,819	24,177	25,814	27,313	29,176	6.8	24,675	25,066	26,360	27,866	29,220	30,886	41
Utah	56,594	58,172	59,412	63,613	70,167	75,914	8.2	24,731	25,010	25,220	26,270	28,176	29,769	44
Wyoming	14,972	15,463	16,420	17,760	18,907	20,893	10.5	30,304	30,990	32,742	35,130	37,161	40,569	6
Far West	1,547,366	1,570,773	1,625,348	1,737,676	1,846,297	1,972,021	6.8	32,257	32,280	32,974	34,834	36,608	38,663	.....
Alaska	20,050	20,722	21,184	22,459	24,299	25,879	6.5	31,712	32,351	32,705	34,193	36,636	38,622	14
California	1,135,304	1,147,716	1,187,040	1,265,657	1,347,943	1,434,910	6.5	32,859	32,769	33,469	35,313	37,283	39,358	10
Hawaii	35,126	36,370	37,837	41,075	44,333	47,339	6.8	28,759	29,491	30,376	32,617	34,818	36,826	18
Nevada	64,367	66,632	71,183	80,311	90,267	97,363	7.9	30,712	30,717	31,762	34,432	37,420	39,015	11
Oregon	99,020	101,882	105,161	109,808	114,648	123,059	7.3	28,502	28,915	29,530	30,594	31,507	33,252	27
Washington	193,498	197,452	202,942	218,366	224,808	243,471	8.3	32,274	32,528	33,105	35,189	35,730	38,067	16

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1. Per capita personal income was computed using midyear population estimates of the Bureau of the Census.

2. Percent change was calculated from unrounded data.

NOTE: The personal income level shown for the United States is derived as the sum of the state estimates. It differs from the estimate of personal income in the national income and product accounts because of differences in coverage, in the methodologies used to prepare the estimates, and in the timing of the availability of source data.

Table 3. Disposable Personal Income and Per Capita Disposable Personal Income by State and Region

Area name	Disposable personal income							Per capita disposable personal income ¹							Rank in United States
	Millions of dollars						Percent change ²	Dollars							
	2001	2002	2003	2004 ^r	2005 ^r	2006 ^r		2001	2002	2003	2004 ^r	2005 ^r	2006 ^r		
United States	7,480,971	7,822,136	8,150,333	8,666,072	9,076,564	9,613,847	5.9	26,228	27,148	28,028	29,513	30,612	32,111	.....
New England	432,904	454,473	468,091	495,623	512,382	538,518	5.1	30,798	32,130	32,945	34,801	35,944	37,738	.....
Connecticut	118,825	123,813	126,684	135,678	139,615	147,252	5.5	34,610	35,806	36,379	38,833	39,882	42,014	1	
Maine	30,508	31,984	33,713	35,585	36,268	37,471	3.3	23,715	24,663	25,791	27,083	27,513	28,353	38	
Massachusetts	203,390	214,288	219,666	230,988	240,367	253,090	5.3	31,746	33,320	34,112	35,890	37,363	39,317	3	
New Hampshire	36,774	38,709	39,979	42,744	43,962	46,517	5.8	29,223	30,384	31,090	32,932	33,640	35,377	7	
Rhode Island	27,949	29,644	31,192	32,795	34,034	34,993	2.8	26,404	27,742	29,022	30,396	31,702	32,777	17	
Vermont	15,457	16,036	16,857	17,833	18,135	19,195	5.8	25,221	26,022	27,250	28,726	29,138	30,765	23	
Midwest	1,362,089	1,422,594	1,474,695	1,565,449	1,634,132	1,732,119	6.0	29,198	30,337	31,294	33,092	34,448	36,449	.....
Delaware	21,688	23,183	24,183	25,836	27,215	28,822	5.9	27,266	28,778	29,605	31,175	32,332	33,770	14	
District of Columbia	21,447	22,308	23,436	25,476	26,945	28,668	6.4	37,147	38,535	40,583	43,945	46,293	49,927	.....
Maryland	161,723	171,570	178,801	191,289	200,494	210,556	5.0	30,061	31,531	32,470	34,446	35,869	37,494	4	
New Jersey	279,149	291,335	299,674	317,217	325,989	347,734	6.7	32,816	33,965	34,714	36,563	37,456	39,857	2	
New York	556,722	576,527	597,414	635,633	671,447	715,076	6.5	29,154	30,078	31,053	32,949	34,762	37,039	5	
Pennsylvania	321,359	337,670	351,187	369,998	382,041	401,264	5.0	26,135	27,405	28,433	29,893	30,796	32,254	20	
Great Lakes	1,173,332	1,221,717	1,273,948	1,321,007	1,363,708	1,422,034	4.3	25,815	26,768	27,807	28,724	29,562	30,730	.....
Illinois	348,839	362,767	379,815	397,532	410,019	431,111	5.1	27,852	28,802	30,025	31,268	32,119	33,597	16	
Indiana	146,577	153,422	160,676	168,151	173,436	181,571	4.7	23,925	24,928	25,950	27,020	27,679	28,759	35	
Michigan	260,068	269,198	281,273	287,308	296,651	305,218	2.9	25,998	26,817	27,936	28,465	29,369	30,233	26	
Ohio	280,988	292,555	302,840	312,312	322,758	335,660	4.0	24,665	25,630	26,477	27,249	28,138	29,244	31	
Wisconsin	136,860	143,775	149,343	155,704	160,844	168,474	4.7	25,322	26,436	27,318	28,316	29,098	30,320	25	
Plains	489,385	512,013	537,211	568,278	587,286	614,711	4.7	25,255	26,290	27,445	28,858	29,652	30,825	.....
Iowa	70,140	74,161	76,099	82,421	84,271	88,411	4.9	23,921	25,265	25,866	27,904	28,417	29,647	28	
Kansas	67,684	70,049	73,094	76,474	80,375	85,288	6.1	25,045	25,803	26,803	27,927	29,247	30,856	22	
Minnesota	138,730	145,240	152,623	162,496	166,553	173,987	4.5	27,825	28,906	30,169	31,898	32,487	33,672	15	
Missouri	136,441	143,294	149,429	157,181	162,860	170,499	4.7	24,178	25,227	26,159	27,322	28,090	29,181	32	
Nebraska	43,184	45,123	48,403	50,304	51,884	54,293	4.6	25,117	26,127	27,866	28,795	29,510	30,703	24	
North Dakota	14,763	15,266	16,745	17,199	18,645	19,085	2.4	23,199	24,092	24,669	27,049	29,380	30,014	27	
South Dakota	18,443	18,879	20,819	22,205	22,698	23,149	2.0	24,328	24,832	27,253	28,830	29,292	29,605	29	
Southeast	1,682,999	1,762,224	1,840,485	1,971,040	2,072,124	2,208,337	6.6	23,932	24,758	25,563	27,004	27,976	29,466	.....
Alabama	98,257	102,725	107,741	115,188	120,428	127,686	6.0	21,998	22,942	23,969	25,499	26,478	27,764	41	
Arkansas	55,026	56,919	60,504	64,479	67,714	72,079	6.4	20,443	21,033	22,214	23,474	24,395	25,643	48	
Florida	418,855	443,369	466,917	510,183	547,970	585,084	6.8	25,611	26,577	27,495	29,377	30,840	32,343	19	
Georgia	207,824	216,481	223,843	236,711	252,109	264,473	4.9	24,670	25,178	25,581	26,492	27,606	28,244	39	
Kentucky	86,537	92,299	95,199	100,438	105,821	111,760	5.6	21,766	22,573	23,137	24,258	25,361	26,571	44	
Louisiana	98,406	102,141	105,959	112,207	101,386	122,814	21.1	22,047	22,848	23,647	24,959	22,494	28,643	36	
Mississippi	56,692	58,542	61,165	64,598	68,607	72,267	5.3	19,849	20,447	21,261	22,332	23,588	24,829	50	
North Carolina	195,424	202,246	209,846	225,218	236,644	252,355	6.6	23,834	24,327	24,935	26,400	27,287	28,494	37	
South Carolina	89,602	93,514	97,135	102,998	108,267	114,585	5.8	22,065	22,802	23,449	24,554	25,493	26,517	46	
Tennessee	138,817	145,548	152,470	161,585	169,676	178,258	5.1	24,157	25,145	26,133	27,454	28,489	29,519	30	
Virginia	198,134	209,201	219,705	235,510	249,949	260,809	4.3	27,547	28,714	29,787	31,517	33,043	34,124	11	
West Virginia	37,425	39,240	40,001	41,923	43,553	46,166	6.0	20,776	21,750	22,117	23,150	24,008	25,387	49	
Southwest	789,375	818,959	857,087	925,818	997,263	1,074,712	7.8	24,701	25,159	25,895	27,483	29,032	30,525	.....
Arizona	121,547	129,279	136,028	149,127	160,926	173,913	8.1	22,932	23,741	24,368	25,955	27,033	28,204	40	
New Mexico	39,388	40,631	42,493	45,541	49,059	52,471	7.0	21,491	21,899	22,631	23,961	25,472	26,845	43	
Oklahoma	79,731	81,087	83,929	91,051	95,757	103,808	8.4	22,999	23,244	23,950	25,846	27,024	29,003	33	
Texas	548,709	567,962	594,637	640,099	691,522	744,521	7.7	25,691	26,098	26,865	28,426	30,160	31,671	21	
Rocky Mountain	242,403	251,784	259,930	278,102	295,309	315,546	6.9	25,682	26,283	26,830	28,244	29,453	30,847	.....
Colorado	130,976	134,727	137,882	146,254	155,298	164,994	6.2	29,575	29,939	30,331	31,805	33,302	34,711	9	
Idaho	28,945	30,512	31,603	34,706	36,133	38,947	7.8	21,904	22,698	23,111	24,887	25,279	26,558	45	
Montana	19,835	20,572	21,981	23,487	24,546	26,086	6.3	21,889	22,598	23,965	25,355	26,260	27,615	42	
Utah	49,627	52,123	53,574	57,499	62,490	67,029	7.3	21,687	22,409	22,742	23,745	25,093	26,285	47	
Wyoming	13,019	13,850	14,890	16,156	16,841	18,491	9.8	26,351	27,758	29,691	31,958	33,100	35,904	6	
Far West	1,308,485	1,378,371	1,438,886	1,540,755	1,614,360	1,707,871	5.8	27,277	28,326	29,191	30,886	32,010	33,484	.....
Alaska	17,801	18,684	19,269	20,586	22,156	23,466	5.9	28,155	29,169	29,748	31,341	33,405	35,021	8	
California	949,844	1,001,232	1,044,737	1,115,243	1,170,208	1,232,317	5.3	27,492	28,587	29,457	31,116	32,367	33,801	13	
Hawaii	30,701	32,308	33,841	36,760	39,211	41,621	6.1	25,136	26,197	27,168	29,191	30,795	32,377	18	
Nevada	56,117	59,195	63,811	71,760	79,728	85,292	7.0	26,776	27,289	28,473	30,765	33,051	34,178	10	
Oregon	85,137	89,801	93,365	97,436	100,363	107,100	6.7	24,506	25,486	26,218	27,147	27,581	28,940	34	
Washington	168,885	177,151	183,863	198,971	202,695	218,074	7.6	28,169	29,184	29,992	32,064	32,215	34,096	12	

^r Revised
¹ Per capita disposable personal income was computed using midyear population estimates of the Bureau of the Census.

² Percent change was calculated from unrounded data.
 Note: The personal income level shown for the United States is derived as the sum of the state estimates. It differs from the estimate of personal income in the national income and product accounts because of differences in coverage, in the methodologies used to prepare the estimates, and in the timing of the availability of source data.

Table 4. Personal Income by Major Source
[Millions]

Item	Line	United States			Alabama			Alaska			Arizona		
		2004'	2005'	2006'	2004'	2005'	2006'	2004'	2005'	2006'	2004'	2005'	2006'
Income by place of residence													
Personal income (lines 4-11)	1	9,711,271	10,284,378	10,966,808	126,283	133,063	141,838	22,459	24,299	25,879	164,941	180,878	197,009
Population (thousands) ²	2	293,638	296,507	299,398	4,517	4,548	4,599	657	663	670	5,746	5,953	6,166
Per capita personal income (dollars) ³	3	33,072	34,685	36,629	27,955	29,255	30,841	34,193	36,636	38,622	28,707	30,384	31,949
Derivation of personal income													
Earnings by place of work (lines 12-18 or 19-90)	4	7,567,371	7,978,203	8,431,134	92,886	98,630	104,058	19,049	20,278	21,508	124,320	136,826	149,290
Less: Contributions for government social insurance ⁴	5	827,415	873,298	926,092	10,367	11,068	11,717	1,881	2,003	2,138	13,769	15,160	16,696
Employer and self-employed contributions for government social insurance	6	419,781	444,923	474,988	5,491	5,875	6,315	912	964	1,028	7,162	7,901	8,712
Employer contributions for government social insurance	7	407,634	428,375	451,104	5,497	5,933	6,302	919	969	1,039	7,110	7,859	8,674
Plus: Adjustment for residence ⁵	8	-1,228	-1,259	-1,291	1,359	1,442	1,518	-1,077	-1,144	-1,222	629	663	688
Equals: Net earnings by place of residence	9	6,738,728	7,103,646	7,503,751	83,858	89,004	93,859	16,091	17,131	18,148	111,179	122,329	133,282
Plus: Dividends, interest, and rent ⁶	10	1,549,599	1,659,630	1,850,122	19,262	19,007	21,255	3,107	3,611	3,901	28,385	30,679	33,234
Plus: Personal current transfer receipts	11	1,422,944	1,521,102	1,612,935	23,163	25,052	26,724	3,261	3,557	3,830	25,377	27,869	30,493
Earnings by place of work													
Components of earnings:													
Wage and salary disbursements	12	5,388,561	5,661,021	6,014,067	66,128	69,902	74,274	13,036	13,742	14,608	90,891	99,829	109,766
Supplements to wages and salaries	13	1,269,098	1,348,451	1,413,866	16,256	17,486	18,377	3,853	4,200	4,464	19,704	21,773	23,626
Employer contributions for employee pension and insurance fund	14	861,464	920,076	962,762	11,359	12,293	12,975	2,885	3,161	3,354	13,087	14,514	15,642
Employer contributions for government social insurance	15	407,634	428,375	451,104	4,897	5,193	5,402	969	1,110	1,110	6,607	7,259	7,984
Proprietors' income ⁷	16	909,712	968,731	1,003,201	10,503	11,241	11,407	2,159	2,339	2,437	13,725	15,225	15,897
Farm	17	35,403	29,635	15,816	1,302	1,266	785	4	3	1	428	344	83
Nonfarm	18	874,309	939,096	987,385	9,201	9,975	10,621	2,156	2,333	2,435	13,298	14,882	15,815
Earnings by industry													
Farm earnings	19	57,385	51,738	38,486	1,489	1,429	948	16	15	14	844	818	593
Nonfarm earnings	20	7,509,986	7,926,465	8,392,648	91,398	97,201	103,110	19,033	20,264	21,495	123,476	136,009	148,697
Private earnings	21	6,251,350	6,602,979	7,002,761	72,494	77,234	81,957	12,986	13,771	14,538	102,301	113,257	124,405
Forestry, fishing, related activities, and other ⁸	22	25,174	26,162	27,337	558	566	581	213	222	218	431	437	472
Mining	23	76,378	87,480	87,219	828	970	1,041	1,178	1,303	1,548	727	793	980
Oil and gas extraction	24	44,804	50,259	63,715	183	193	222	492	530	569	(D)	64	90
Mining, except oil and gas	25	17,355	19,315	21,615	578	700	737	138	161	204	649	700	855
Support activities for mining	26	14,219	17,906	21,889	67	77	82	548	612	774	(D)	28	35
Utilities	27	79,407	83,076	86,814	1,518	1,502	1,532	194	210	214	1,096	1,237	1,340
Construction	28	465,714	511,635	549,235	5,684	6,292	6,730	1,569	1,734	1,757	10,680	12,732	14,573
Manufacturing	29	979,883	1,011,400	1,047,560	16,235	17,267	18,222	695	775	800	12,754	13,671	14,746
Durable goods manufacturing	30	619,466	638,831	668,179	9,782	10,686	11,639	149	160	162	10,709	11,502	12,457
Wood product manufacturing	31	24,800	25,943	26,257	865	904	948	14	15	(D)	327	392	406
Nonmetallic mineral product manufacturing	32	29,428	31,182	32,525	474	498	549	27	29	(D)	472	566	625
Primary metal manufacturing	33	35,126	36,495	38,009	1,435	1,548	1,659	27	(D)	(D)	248	234	263
Fabricated metal product manufacturing	34	79,756	84,304	89,096	1,291	1,391	1,476	23	25	28	941	1,022	1,112
Machinery manufacturing	35	76,325	80,682	84,838	649	692	753	3	4	4	486	512	544
Computer and electronic product manufacturing	36	120,891	126,044	133,112	867	866	950	(D)	6	7	4,260	4,575	5,054
Electrical equipment and appliance mfg.	37	27,967	28,526	29,690	316	340	337	1	2	3	117	129	156
Motor vehicles, bodies and trailers, and parts manufacturing	38	85,670	85,253	86,198	1,824	2,293	2,619	1	(D)	(D)	(D)	(D)	(D)
Other transportation equipment manufacturing	39	59,863	63,177	67,879	1,111	1,173	1,321	13	16	15	(D)	(D)	(D)
Furniture and related product manufacturing	40	23,623	23,941	24,547	497	536	555	6	6	7	335	354	385
Miscellaneous manufacturing	41	56,017	53,284	56,028	455	444	471	17	16	17	592	624	678
Non-durable goods manufacturing	42	360,417	372,569	379,381	6,452	6,581	6,583	545	616	639	2,045	2,169	2,289
Food manufacturing	43	69,341	70,778	72,716	1,165	1,152	1,209	360	398	416	399	411	419
Beverage and tobacco product manufacturing	44	16,831	17,127	17,679	190	200	200	7	8	7	203	210	234
Textile mills	45	10,256	9,677	9,316	475	468	418	(D)	(D)	(D)	35	38	44
Textile product mills	46	6,962	7,015	7,001	377	374	329	4	5	5	47	57	66
Apparel manufacturing	47	11,408	10,853	10,732	436	407	370	1	1	(D)	16	24	26
Leather and allied product manufacturing	48	1,933	1,916	1,929	4	5	5	(D)	(D)	(D)	14	13	12
Paper manufacturing	49	34,984	36,746	36,999	1,333	1,434	1,456	(D)	69	(D)	192	218	208
Printing and related support activities	50	35,932	35,895	36,644	303	286	286	18	18	18	326	336	364
Petroleum and coal products manufacturing	51	30,246	36,882	37,811	390	469	486	73	78	84	168	223	230
Chemical manufacturing	52	101,114	103,537	105,467	1,076	1,041	1,061	(D)	32	28	401	407	450
Plastics and rubber products manufacturing	53	41,410	42,143	43,087	702	745	762	(D)	(D)	(D)	243	234	238
Wholesale trade	54	388,932	413,643	442,934	4,556	4,887	5,279	368	391	412	6,552	7,154	7,890
Retail trade	55	493,240	514,378	532,087	6,795	7,173	7,426	1,259	1,310	1,342	10,120	11,259	12,240
Transportation and warehousing	56	256,695	267,641	281,872	2,976	3,216	3,424	1,325	1,353	1,401	3,950	4,214	4,621
Air transportation	57	38,348	37,541	37,970	46	55	(D)	475	471	461	1,082	1,150	1,322
Rail transportation	58	17,019	17,486	18,521	(D)	(D)	(D)	(L)	(L)	(L)	260	(D)	284
Water transportation	59	4,851	5,100	5,415	42	39	42	69	(D)	74	(D)	(D)	(D)
Truck transportation	60	82,667	88,849	93,824	(D)	1,665	1,775	183	201	215	1,114	1,248	1,345
Transit and ground passenger transportation	61	12,567	12,962	13,606	49	52	42	42	43	43	208	199	227
Pipeline transportation	62	8,628	8,010	9,105	93	95	111	(D)	(D)	(D)	28	27	27
Scenic and sightseeing transportation	63	1,103	1,189	1,180	(D)	(D)	(D)	67	76	75	22	26	26
Support activities for transportation	64	38,905	41,356	43,608	399	442	462	172	178	197	472	528	561
Couriers and messengers	65	27,839	28,684	30,094	243	255	265	(D)	147	(D)	(D)	423	(D)
Warehousing and storage	66	24,768	26,464	28,549	287	328	349	20	22	21	350	341	362
Information	67	280,230	287,681	298,371	1,793	1,824	1,831	441	456	472	2,995	3,035	3,198
Publishing industries, except Internet	68	73,442	75,023	79,318	370	380	386	52	54	56	785	805	847
Motion picture and sound recording industries	69	25,151	25,170	25,714	29	29	31	7	7	7	87	88	93
Broadcasting, except Internet	70	61,394	65,237	66,761	261	269	278	58	63	65	443	504	529
Internet publishing and broadcasts	71	3,214	3,368	3,742	6	6	7	(D)	2	2	20	28	40
Telecommunications	72	82,803	83,012	84,604	1,022	1,030	1,033	309	319	329	1,180	1,129	1,158
ISPs, search portals, and data processing	73	31,807	33,374	35,592	100	105	89	10	9	11	460	457	503
Other information services	74	2,419	2,497	2,640	4	5	6	(D)	3	3	21	24	28
Finance and insurance	75	569,099	608,748	656,309	4,562	4,966	5,438	610	646	697	8,294	9,634	10,359
Real estate and rental and leasing	76	187,399	195,578	201,193	1,646	1,700	1,743	375	365	363	4,894	5,449	5,454
Professional and technical services	77	686,884	740,668	805,709	7,074	7,367	8,040	1,013	1,110	1,194	9,276	10,338	11,778
Management of companies and enterprises	78	164,264	179,383	188,939	857	960	1,059	85	90	108	1,826	1,757	1,939
Administrative and waste services	79	275											

and Earnings by Industry, 2004-2006¹—Continues
of dollars]

Arkansas			California			Colorado			Connecticut			Delaware			District of Columbia			Line	
2004 ^a	2005 ^a	2006 ^a	2004 ^a	2005 ^a	2006 ^a	2004 ^a	2005 ^a	2006 ^a	2004 ^a	2005 ^a	2006 ^a	2004 ^a	2005 ^a	2006 ^a	2004 ^a	2005 ^a	2006 ^a		
70.706	74.835	79.951	1,265,657	1,347,943	1,434,910	163,805	175,815	188,173	159,256	166,987	177,997	29,269	31,211	33,272	29,220	31,195	33,356	1	
2,747	2,776	2,811	35,841	36,154	36,458	4,599	4,663	4,753	4,663	4,753	4,829	3,501	3,505	3,505	580	582	582	2	
25,741	26,961	28,444	35,313	37,283	39,358	35,621	37,702	39,587	45,581	47,701	50,787	35,317	37,080	38,984	50,403	53,594	57,358	3	
52,390	54,383	56,980	1,006,730	1,065,443	1,125,330	134,270	143,014	151,809	122,570	128,509	134,309	25,200	26,880	28,043	62,340	65,714	69,151	4	
6,013	6,356	6,719	113,080	119,261	125,999	13,506	14,402	15,345	12,433	12,806	13,344	2,701	2,875	3,032	5,845	6,145	6,495	5	
3,135	3,346	3,570	56,272	59,867	63,253	6,717	7,109	7,652	6,347	6,597	6,952	1,385	1,480	1,566	2,798	2,958	3,146	6	
2,878	3,009	3,149	56,808	59,394	62,746	6,790	7,293	7,693	6,086	6,209	6,392	1,316	1,395	1,466	3,046	3,187	3,349	7	
-379	-354	-331	-322	-282	-242	388	402	429	4,417	4,296	5,140	-2,126	-2,213	-2,288	-34,633	-36,362	-38,146	8	
45,998	47,673	49,929	893,329	945,900	999,090	121,152	129,014	136,893	114,555	119,998	126,105	20,373	21,792	22,722	21,863	23,207	24,509	9	
10,513	11,884	13,355	209,609	231,627	252,187	26,436	29,376	32,505	26,390	27,972	31,374	4,829	5,012	5,179	3,880	4,235	4,978	10	
14,195	15,278	16,667	162,719	170,416	183,633	16,218	17,425	18,775	18,371	19,017	20,518	4,067	4,407	4,870	3,476	3,752	3,868	11	
36,451	38,259	40,245	698,951	736,181	784,028	92,090	97,350	104,023	86,669	90,536	95,248	18,553	19,715	20,637	45,880	48,286	50,808	12	
9,172	9,826	10,247	170,037	181,604	189,751	20,626	22,266	23,519	19,643	20,572	21,051	4,168	4,272	4,629	12,514	13,166	13,910	13	
6,294	6,817	7,098	113,229	122,210	127,005	13,836	14,973	15,826	13,557	14,363	14,660	2,852	3,078	3,163	9,468	9,979	10,561	14	
2,878	3,009	3,149	56,808	59,394	62,746	6,790	7,293	7,693	6,086	6,209	6,392	1,316	1,395	1,466	3,046	3,187	3,349	15	
6,768	6,298	6,487	137,742	147,659	151,552	21,555	23,398	24,267	16,258	17,401	18,010	2,478	2,692	2,777	3,947	4,282	4,433	16	
1,628	812	756	4,337	3,742	1,102	234	196	12	18	25	(L)	201	214	172	0	0	0	17	
5,140	5,486	5,731	133,406	143,917	150,450	21,320	23,202	24,255	16,240	17,376	18,010	2,278	2,477	2,605	3,947	4,262	4,433	18	
1,932	1,077	1,004	9,789	9,593	7,526	662	684	463	170	152	133	242	250	209	0	0	0	19	
50,458	53,306	55,976	996,941	1,055,850	1,117,804	133,608	142,330	151,346	122,400	128,357	134,176	24,958	26,630	27,834	62,340	65,714	69,151	20	
41,081	43,136	45,214	834,856	885,505	937,879	112,462	119,702	127,704	107,287	112,474	117,666	21,362	22,799	23,829	36,526	38,501	40,889	21	
494	495	514	5,806	6,051	6,458	193	206	219	45	46	48	19	20	21	970	973	946	22	
379	432	574	3,294	3,591	4,398	608	604	624	3,280	4,194	4,161	(D)	(D)	(D)	(D)	(D)	(D)	23	
180	206	275	2,244	2,411	3,047	1,821	2,019	2,573	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	24	
121	125	136	543	577	608	508	604	734	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	25	
78	101	163	508	603	743	428	657	887	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	26	
608	639	645	10,035	11,080	11,964	989	998	1,442	1,367	1,236	248	258	266	260	283	292	292	27	
2,753	3,085	3,255	66,233	75,224	79,678	10,754	11,504	12,230	6,490	6,835	7,043	1,606	(D)	1,982	808	(D)	886	28	
9,143	9,320	9,455	120,799	125,940	131,718	10,943	11,423	11,593	18,217	18,328	18,989	2,748	2,698	2,806	2,748	2,19	2,19	29	
4,955	5,093	5,200	83,452	86,674	91,867	7,698	8,019	8,156	12,752	12,805	13,270	1,259	1,210	1,328	116	91	77	30	
562	569	579	1,983	2,020	2,155	229	244	265	103	111	112	19	(D)	21	(D)	(D)	(D)	31	
207	227	231	2,919	3,110	3,206	587	615	664	190	210	215	57	53	57	7	8	(D)	32	
553	583	634	1,905	2,006	2,059	310	298	308	328	341	344	65	63	68	(D)	(D)	(D)	33	
790	826	847	7,700	8,060	8,509	820	817	861	2,132	2,239	2,372	99	99	108	8	6	7	34	
615	634	663	6,887	7,082	7,461	553	583	626	4,630	3,311	3,440	31	34	32	4	3	3	35	
256	247	245	36,893	39,441	42,243	3,005	3,110	2,984	1,120	1,122	1,131	251	260	276	57	46	26	36	
636	655	620	2,252	2,200	2,263	141	132	144	1,079	1,040	1,050	50	53	62	(D)	(D)	(D)	37	
(D)	(D)	(D)	2,532	2,578	2,619	121	134	127	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	38	
276	251	244	2,735	2,723	2,762	316	333	343	177	180	194	45	44	46	8	9	9	40	
311	284	286	8,459	8,185	8,920	737	743	828	1,585	1,411	1,481	228	178	196	11	5	5	41	
4,188	4,227	4,255	37,347	39,266	39,850	3,245	3,403	3,436	5,465	5,523	5,719	1,489	1,489	1,489	1,489	1,31	127	114	42
1,799	1,821	1,843	7,907	8,118	8,439	824	808	853	364	379	389	329	348	358	353	20	19	12	43
85	88	89	3,396	3,411	3,848	569	610	570	274	260	285	(D)	(D)	(D)	(D)	(D)	(D)	(D)	44
20	22	23	519	510	518	7	7	7	57	55	56	57	69	(D)	(D)	(D)	(D)	(D)	45
72	67	63	640	607	590	69	71	75	59	63	65	9	10	10	(D)	(D)	(D)	(D)	46
56	53	50	3,197	3,111	3,296	44	57	51	45	39	(D)	9	7	7	0	0	0	0	47
73	71	63	175	184	198	18	15	13	(D)	65	(D)	(D)	(D)	(D)	1	0	0	0	48
746	769	780	2,016	2,119	2,163	156	175	143	559	584	589	75	70	70	(D)	(D)	(D)	(D)	49
212	203	213	3,711	3,619	3,754	406	408	415	867	850	892	40	40	42	56	51	46	50	50
91	89	93	2,812	3,123	3,134	221	286	298	(D)	45	47	110	(D)	110	14	10	11	51	51
433	437	415	10,084	11,571	10,902	606	613	661	2,655	2,720	2,819	738	717	698	(D)	(D)	(D)	(D)	52
602	605	623	2,891	2,892	3,008	324	353	343	443	453	455	97	109	105	(D)	(D)	(D)	(D)	53
2,523	2,723	2,909	47,483	51,150	55,575	6,568	6,939	7,545	5,633	6,128	6,638	1,158	1,199	1,369	431	462	489	54	54
3,519	3,658	3,825	66,708	70,239	72,498	8,028	8,400	8,668	7,501	7,765	7,939	1,614	1,687	1,731	639	639	666	55	55
3,073	3,243	3,380	29,343	30,287	32,094	3,844	3,960	4,322	2,341	2,511	2,632	571	594	623	356	351	356	56	56
75	77	79	3,943	3,687	4,020	923	966	1,024	136	172	172	25	30	29	18	19	18	57	57
(D)	(D)	(D)	1,114	1,157	1,223	(D)	(D)	(D)	(D)	(D)	(D)	79	80	85	191	192	195	58	58
1,756	1,924	2,002	8,190	8,466	8,944	1,002	1,111	1,199	486	521	541	198	201	203	38	54	49	61	61
23	23	25	1,224	1,295	1,354	179	176	186	409	425	446	37	37	38	(D)	(D)	(D)	(D)	62
99	85	87	857	785	937	169	169	209	23	21	21	2	2	(D)	(D)	(D)	(D)	(D)	63
3	3	3	188	211	216	19	19	19	7	8	4	3	2	(D)	(D)	(D)	(D)	(D)	64
349	358	380	6,925	7,580	7,982	483	533	556	380	421	459	75	84	93	16	13	13	64	64
(D)	(D)	(D)	3,423	3,528	3,615	421	432	446	(D)	(D)	(D)	58	58	(D)	(D)	(D)	(D)	(D)	65
339	337	347	3,034	3,155	3,410	375	348	381	375	427	448	89	95	104	(D)	(D)	(D)	(D)	66
1,461	1,553	1,608	53,596	54,278	56,033	10,925	10,820	11,396	3,664	3,743	3,818	477	503	527	2,641	2,678	2,691	67	67
243	245	250	10,732	10,753	11,404	2,448	2,534	2,701	945	939	941	73	77	81	951	936	952	68	68
24	27	27	15,582	15,308	15,382</														

Table 4. Personal Income by Major Source

(Millions)

Item	Line	Florida			Georgia			Hawaii			Idaho		
		2004 ¹	2005 ²	2006 ³	2004 ⁴	2005 ⁵	2006 ⁶	2004 ⁷	2005 ⁸	2006 ⁹	2004 ¹⁰	2005 ¹¹	2006 ¹²
Income by place of residence													
Personal income (lines 4-11)	1	565,211	616,767	663,261	264,635	283,913	299,885	41,075	44,333	47,339	38,123	40,414	43,917
Population (thousands) ²	2	17,367	17,768	18,090	8,935	9,133	9,364	1,259	1,273	1,285	1,395	1,429	1,466
Per capita personal income (dollars) ³	3	32,546	34,712	36,665	29,617	31,088	32,025	32,617	34,818	36,826	27,337	28,274	29,948
Derivation of personal income													
Earnings by place of work (lines 12-18 or 19-90)	4	375,106	408,245	435,866	215,596	229,331	240,945	33,044	35,473	37,751	27,917	29,878	32,427
Less: Contributions for government social insurance ⁴	5	42,454	46,352	49,810	22,863	24,083	25,384	3,419	3,664	3,917	3,100	3,372	3,733
Employee and self-employed contributions for government social insurance	6	22,587	24,807	26,844	11,744	12,496	13,283	1,735	1,869	2,001	1,524	1,656	1,830
Employer contributions for government social insurance	7	19,867	21,545	22,967	11,119	11,587	12,101	1,684	1,794	1,916	1,576	1,716	1,902
Plus: Adjustment for residence ⁵	8	1,609	1,656	1,741	-852	-906	-914	0	0	0	617	661	710
Equals: Net earnings by place of residence	9	334,261	363,549	387,797	191,881	204,342	214,647	29,625	31,810	33,834	25,434	27,166	29,405
Plus: Dividends, interest, and rent ⁶	10	136,654	155,094	170,741	37,738	41,499	44,427	6,204	6,854	7,557	7,057	7,194	7,914
Plus: Personal current transfer receipts	11	94,296	98,123	104,723	35,016	38,072	40,810	5,246	5,669	5,949	5,632	6,054	6,598
Earnings by place of work													
Components of earnings:													
Wage and salary disbursements	12	279,369	302,720	324,648	155,308	164,324	173,602	23,791	25,358	27,033	18,903	20,298	22,366
Supplements to wages and salaries	13	61,507	67,038	70,801	36,478	39,032	40,878	6,542	7,143	7,620	4,582	4,976	5,451
Employer contributions for employee pension and insurance fund	14	41,639	45,494	47,834	25,359	27,445	28,777	4,858	5,349	5,704	3,005	3,260	3,549
Employer contributions for government social insurance	15	19,867	21,545	22,967	11,119	11,587	12,101	1,684	1,794	1,916	1,576	1,716	1,902
Proprietors' income ⁷	16	34,230	38,487	40,416	23,810	25,975	26,465	2,712	2,973	3,098	4,433	4,603	4,610
Farm	17	387	372	147	1,485	1,578	1,073	2	4	2	585	412	154
Nonfarm	18	33,844	38,115	40,269	22,325	24,397	25,391	2,710	2,969	3,096	3,848	4,192	4,456
Earnings by industry													
Farm earnings	19	1,628	1,563	1,485	1,827	1,981	1,404	223	219	219	1,021	907	689
Nonfarm earnings	20	373,478	406,682	434,380	213,768	227,350	239,540	32,821	35,254	37,533	26,896	28,971	31,739
Private earnings	21	311,567	340,953	364,915	177,155	188,079	197,854	22,441	24,031	25,486	21,579	23,427	25,925
Forestry, fishing, related activities, and other ⁸	22	1,562	1,628	1,709	682	730	792	56	54	53	377	392	408
Mining	23	589	643	749	569	590	645	44	51	53	140	161	196
Oil and gas extraction	24	142	139	193	(D)	41	58	1	2	2	(D)	(D)	19
Mining, except oil and gas	25	427	472	521	501	(D)	(D)	(D)	(D)	(D)	122	140	166
Support activities for mining	26	20	32	35	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	10
Utilities	27	2,960	3,006	2,965	2,943	3,015	3,062	287	298	315	236	241	258
Construction	28	28,987	34,398	38,349	12,783	14,076	15,018	2,231	2,649	2,909	2,163	2,516	2,910
Manufacturing	29	24,053	25,087	26,474	25,991	26,664	27,707	887	944	978	3,629	3,777	4,175
Durable goods manufacturing	30	16,517	17,372	18,524	12,404	12,941	13,718	321	347	363	2,495	2,594	2,914
Wood product manufacturing	31	885	1,041	1,029	1,029	1,117	1,121	(D)	16	19	409	398	427
Nonmetallic mineral product manufacturing	32	1,242	1,388	1,777	1,065	1,144	1,243	109	127	134	76	84	100
Primary metal manufacturing	33	273	306	341	595	638	645	(D)	(D)	(D)	22	25	30
Fabricated metal product manufacturing	34	1,729	1,873	2,066	1,180	1,296	1,378	25	27	27	154	169	198
Machinery manufacturing	35	1,549	1,649	1,756	1,267	1,368	1,445	2	2	3	131	138	153
Computer and electronic product manufacturing	36	3,874	4,088	4,207	1,032	1,072	1,224	(D)	5	5	1,309	1,374	1,538
Electrical equipment and appliance mfg.	37	426	438	514	1,154	1,170	1,292	(D)	(D)	(D)	21	25	28
Motor vehicles, bodies and trailers, and parts manufacturing	38	781	859	843	1,388	1,404	1,562	(D)	2	2	(D)	(D)	(D)
Other transportation equipment manufacturing	39	2,449	2,513	2,630	1,963	2,007	2,108	(D)	34	36	(D)	(D)	(D)
Furniture and related product manufacturing	40	719	747	779	518	550	598	34	29	31	80	88	97
Miscellaneous manufacturing	41	2,590	2,469	2,582	1,213	1,176	1,203	62	65	69	181	153	184
Nondurable goods manufacturing	42	7,536	7,715	7,950	13,588	13,722	13,988	566	597	615	1,133	1,183	1,261
Food manufacturing	43	1,591	1,551	1,546	3,161	3,364	3,540	220	222	232	638	640	672
Beverage and tobacco product manufacturing	44	779	789	842	582	497	434	46	47	53	22	22	22
Textile mills	45	93	79	64	1,576	1,399	1,354	3	4	3	(D)	3	(D)
Textile product mills	46	221	205	220	1,607	1,729	1,791	6	8	9	8	8	8
Apparel manufacturing	47	249	242	223	275	272	257	35	27	26	5	5	7
Leather and allied product manufacturing	48	56	60	62	4	4	4	(D)	(D)	(D)	4	4	4
Paper manufacturing	49	748	815	827	1,738	1,762	1,799	66	94	94	149	167	171
Printing and related support activities	50	1,116	1,099	1,121	1,107	1,117	1,150	58	55	54	68	70	71
Petroleum and coal products manufacturing	51	314	359	407	189	214	214	(D)	(D)	(D)	63	(D)	(D)
Chemical manufacturing	52	1,692	1,792	1,856	2,169	2,153	2,219	35	36	38	134	140	162
Plastics and rubber products manufacturing	53	677	723	782	1,179	1,214	1,226	12	14	14	57	61	69
Wholesale trade	54	20,969	22,861	24,735	14,648	15,761	16,854	959	1,011	1,072	1,236	1,381	1,498
Retail trade	55	30,363	32,824	34,337	14,055	14,782	15,556	2,192	2,324	2,432	2,297	2,561	2,818
Transportation and warehousing	56	11,911	12,722	13,404	10,139	9,964	10,048	1,344	1,481	1,544	873	936	1,017
Air transportation	57	2,039	2,153	2,154	3,568	3,074	2,723	577	567	550	45	52	49
Rail transportation	58	567	559	592	(D)	(D)	636	(L)	(L)	(D)	(D)	(D)	(D)
Water transportation	59	957	920	997	16	15	14	101	171	231	(D)	(D)	(D)
Truck transportation	60	2,762	3,049	3,206	2,670	2,857	3,001	150	163	170	453	492	536
Transit and ground passenger transportation	61	454	508	537	152	149	163	50	52	58	33	33	37
Pipeline transportation	62	23	17	19	24	26	27	1	(D)	(D)	(D)	(D)	(D)
Scenic and sightseeing transportation	63	87	90	91	10	12	14	131	147	152	9	9	9
Support activities for transportation	64	2,607	2,764	2,937	1,018	1,116	1,219	245	283	284	80	87	93
Couriers and messengers	65	1,417	1,481	1,596	(D)	(D)	1,114	59	(D)	(D)	80	82	93
Warehousing and storage	66	998	1,181	1,275	1,002	1,045	1,137	29	31	32	46	45	52
Information	67	12,609	13,280	13,623	11,637	12,017	12,461	694	686	749	462	491	527
Publishing industries, except Internet	68	2,580	2,796	3,046	2,112	2,333	2,416	180	179	183	133	148	161
Motion picture and sound recording industries	69	504	599	576	120	216	239	72	57	53	12	15	16
Broadcasting, except Internet	70	3,204	3,430	3,447	3,549	3,505	3,594	80	83	89	76	78	79
Internet publishing and broadcasts	71	162	140	167	61	74	74	3	3	4	11	11	12
Telecommunications	72	4,466	4,536	4,539	4,214	4,434	4,505	305	312	363	209	212	224
ISPs, search portals, and data processing	73	1,612	1,700	1,766	1,462	1,417	1,595	45	42	48	17	23	28
Other information services	74	81	80	80	29	37	37	8	10	8	3	5	7
Finance and insurance	75	26,231	28,678	30,697	13,346	14,310	15,354	1,201	1,246	1,299	1,133	1,311	1,466
Real estate and rental and leasing	76	11,500	13,403	13,877	5,270	5,715	6,043	954	1,061	1,076	483	616	607
Professional and technical services	77	31,983	35,778	39,229	18,071	19,556	21,330	1,908	2,092	2,261	2,589	2,773	3,079
Management of companies and enterprises	78	5,918	6,972	7,365	4,618	5,682	5,115	694	633	630	605	615	786
Administrative and waste services	79	23,133	26,285	28,879	9,258	10,228	10,772	1,356	1,476	1,617	975	1,084	1,196
Educational services	80	3,984	4,262	4,588	2,499	2,610	2,943	468	491	519	227	240	253
Health care and social assistance	81	39,396	41,351	44,204	17,070	18,089	19,051	2,868	3,				

and Earnings by Industry, 2004-2006¹—Continues
of dollars)

Illinois			Indiana			Iowa			Kansas			Kentucky			Louisiana			Line
2004'	2005'	2006'	2004'	2005'	2006'	2004'	2005'	2006'	2004'	2005'	2006'	2004'	2005'	2006'	2004'	2005'	2006'	
445,269	464,162	491,422	186,222	193,515	203,457	90,515	93,335	98,458	84,620	89,773	96,034	111,676	118,301	125,001	122,294	111,686	134,505	1
12,714	12,765	12,832	6,223	6,266	6,314	2,954	2,966	2,982	2,738	2,748	2,764	4,140	4,173	4,206	4,496	4,507	4,288	2
35,023	36,361	38,297	29,923	30,883	32,226	30,645	31,473	33,017	30,902	32,666	34,744	26,972	28,352	29,719	27,203	24,781	31,369	3
355,658	367,311	386,263	143,612	148,258	153,577	68,822	71,078	73,912	65,690	68,718	72,928	85,624	90,637	94,608	91,163	89,941	99,758	4
37,432	39,693	41,716	15,855	16,547	17,224	7,688	8,091	8,580	7,173	7,527	8,071	9,522	10,032	10,578	8,706	8,843	9,836	5
18,824	19,733	21,013	8,289	8,630	9,067	4,033	4,280	4,562	4,671	4,918	5,222	4,916	5,222	5,553	4,622	4,659	5,339	6
18,608	19,961	20,703	7,566	7,917	8,157	3,656	3,811	4,018	3,502	3,649	3,873	4,606	4,810	5,025	4,084	4,184	4,497	7
-1,585	-1,661	-1,803	3,702	3,975	4,203	869	833	872	732	866	812	-1,484	-1,847	-2,051	-171	-140	-169	8
316,641	325,957	342,744	131,459	135,687	140,556	62,002	63,820	66,204	59,249	62,058	65,669	74,619	78,757	81,979	82,286	80,958	89,753	9
72,279	76,674	85,735	27,206	27,889	30,425	15,178	15,379	16,597	13,400	14,984	16,477	15,665	16,938	18,535	16,133	-4,816	18,690	10
56,349	61,532	62,943	27,557	29,939	32,476	13,335	14,135	15,658	11,963	12,731	13,888	21,392	22,605	24,487	23,875	35,553	26,062	11
253,132	263,720	278,434	103,532	106,533	110,561	48,208	50,337	52,971	45,781	47,593	51,073	61,851	64,636	67,913	63,903	66,194	70,615	12
61,482	61,724	64,094	25,556	26,972	27,814	11,561	12,303	12,878	11,790	12,285	13,109	15,771	16,995	17,820	15,812	16,629	17,338	13
42,874	41,763	43,390	17,990	19,055	19,657	7,905	8,492	8,860	8,288	8,636	9,237	11,164	12,185	12,794	11,728	12,445	12,841	14
18,608	19,961	20,703	7,566	7,917	8,157	3,656	3,811	4,018	3,502	3,649	3,873	4,606	4,810	5,025	4,084	4,184	4,497	15
41,044	41,867	43,735	14,524	14,753	15,203	9,053	8,438	8,063	8,119	8,840	8,746	8,003	9,006	8,875	11,448	7,118	11,805	16
2,380	439	573	1,103	460	391	2,964	2,031	1,391	522	688	1,207	1,271	1,207	740	358	331	302	17
38,664	41,428	43,162	13,421	14,293	14,812	6,090	6,407	6,672	7,598	8,204	8,593	7,315	7,878	8,135	11,090	6,787	11,503	18
2,890	921	997	1,465	784	703	3,498	2,470	1,801	967	1,018	528	1,016	1,397	1,024	552	501	473	19
352,769	366,390	385,266	142,147	147,474	152,874	65,324	68,608	72,111	64,724	67,700	72,400	84,608	89,240	93,585	90,611	89,440	99,285	20
301,310	316,483	333,592	122,727	127,177	131,920	54,203	56,940	59,902	52,396	55,052	58,768	68,299	71,510	74,637	72,446	70,530	80,711	21
348	369	372	191	202	212	243	251	259	233	253	262	341	356	390	457	469	490	22
2,135	2,222	2,798	705	747	853	142	156	172	990	1,118	1,430	1,568	1,839	2,150	4,824	5,675	23	
1,496	1,516	2,043	77	79	110	4	4	6	690	773	1,004	260	299	381	2,276	2,384	2,663	24
579	638	675	618	655	734	136	150	165	94	107	126	1,216	1,421	1,633	152	131	168	25
60	68	80	10	12	9	1	2	2	205	238	300	91	119	136	2,092	2,309	2,844	26
3,091	3,276	3,364	1,592	1,657	1,726	807	765	766	707	767	768	564	595	625	1,123	1,068	1,078	27
21,138	22,394	23,672	9,177	9,616	9,900	4,174	4,525	4,871	3,472	3,704	3,914	4,741	5,042	5,085	6,132	6,570	8,128	28
48,493	49,987	51,759	38,482	39,404	40,376	12,840	13,579	14,120	11,482	12,145	13,250	15,679	16,184	16,666	10,539	10,775	11,333	29
29,311	30,301	31,622	28,210	28,697	29,237	8,025	8,506	8,915	6,872	7,249	8,050	10,224	10,594	10,876	4,577	4,627	5,158	30
418	437	444	871	890	854	552	612	598	87	94	94	512	537	596	407	407	434	31
1,172	1,251	1,299	878	889	887	342	338	344	323	348	359	547	544	548	285	309	350	32
1,980	2,096	2,206	4,056	4,143	4,156	526	569	582	162	149	162	981	1,025	1,096	205	220	240	33
6,203	6,316	6,551	2,955	3,162	3,318	966	1,016	1,098	547	608	653	1,032	1,077	1,137	790	843	1,033	34
6,622	7,500	8,004	2,815	2,971	3,100	2,243	2,410	2,587	908	949	1,075	1,181	1,203	724	788	908	919	35
3,198	3,230	3,225	1,257	1,263	1,380	872	1,015	1,077	433	466	516	708	648	638	107	127	144	36
1,976	2,007	2,052	840	829	780	650	627	676	249	254	246	657	688	698	74	74	79	37
2,865	2,832	2,915	9,802	9,741	9,835	(D)	(D)	(D)	(D)	(D)	(D)	3,914	4,051	4,104	(D)	(D)	(D)	38
581	606	604	1,180	1,274	1,345	(D)	(D)	(D)	(D)	(D)	(D)	201	222	246	(D)	(D)	(D)	39
847	868	886	1,109	1,115	1,140	443	480	499	180	192	206	261	262	276	46	46	58	40
3,449	3,157	3,436	2,447	2,418	2,442	341	330	323	362	338	341	370	383	393	249	210	230	41
19,181	19,686	20,137	10,272	10,707	11,139	4,816	5,072	5,204	4,610	4,896	5,200	5,455	5,590	5,790	5,962	6,148	6,175	42
4,394	4,507	4,521	1,434	1,474	1,496	2,442	2,537	2,564	1,457	1,550	1,615	1,034	1,085	1,136	712	667	674	43
598	575	579	259	265	278	75	74	76	34	32	32	487	523	550	145	145	153	44
66	66	67	21	23	23	6	7	7	6	8	5	53	52	52	30	31	29	45
139	142	143	123	129	126	26	25	23	48	45	50	77	73	75	35	30	34	46
211	203	199	51	49	56	66	66	60	63	64	66	237	199	167	23	22	18	47
89	89	71	18	20	25	24	21	11	9	7	20	19	15	4	5	7	4	48
1,632	1,693	1,754	780	855	864	312	341	336	170	155	159	646	666	671	760	779	754	49
2,569	2,549	2,585	924	923	941	374	384	390	532	526	542	626	648	660	145	139	140	50
1,287	1,508	1,750	984	951	984	113	154	100	1,222	1,185	1,407	1,85	187	208	1,419	1,424	1,472	51
5,384	5,602	5,666	3,893	3,959	4,127	731	791	894	838	878	887	1,230	1,282	1,357	2,564	2,671	2,631	52
2,814	2,751	2,801	2,019	2,059	2,218	646	675	687	490	509	492	861	855	899	229	236	263	53
21,754	23,063	24,569	7,033	7,474	7,930	3,622	3,894	4,057	3,546	3,788	3,969	4,379	4,617	4,849	4,113	4,224	4,693	54
19,738	20,322	20,912	9,309	9,565	9,693	4,881	4,931	5,023	4,244	4,354	4,523	5,996	6,311	6,311	6,192	6,365	6,976	55
14,090	14,776	15,878	5,762	6,117	6,478	2,745	2,921	3,089	2,473	2,588	2,706	4,936	5,135	5,208	4,300	4,493	4,911	56
3,047	3,000	3,488	396	45	389	21	22	20	46	45	45	758	669	507	206	233	241	57
1,261	1,266	1,337	439	448	481	299	306	325	(D)	(D)	(D)	307	311	(D)	(D)	(D)	(D)	58
131	137	142	(D)	(D)	(D)	13	12	14	1	(D)	(D)	60	83	94	483	571	699	59
4,395	4,777	4,993	2,853	3,106	3,2													

Table 4. Personal Income by Major Source
[Millions]

Item	Line	Maine			Maryland			Massachusetts			Michigan		
		2004 ¹	2005 ²	2006 ³	2004 ¹	2005 ²	2006 ³	2004 ¹	2005 ²	2006 ³	2004 ¹	2005 ²	2006 ³
Income by place of residence													
Personal income (lines 4-11)	1	39,510	40,634	42,199	219,938	232,457	245,821	266,818	280,502	297,755	318,762	330,490	341,075
Population (thousands) ²	2	1,314	1,318	1,322	5,553	5,590	5,616	6,436	6,433	6,437	10,093	10,101	10,096
Per capita personal income (dollars) ³	3	30,071	30,825	31,931	39,605	41,587	43,774	41,457	43,601	46,255	31,581	32,719	33,784
Derivation of personal income													
Earnings by place of work (lines 12-18 or 19-90)	4	28,221	28,992	30,133	155,537	164,661	172,938	216,857	224,846	236,131	250,134	257,186	259,232
Less: Contributions for government social insurance ⁴	5	3,083	3,184	3,335	17,263	18,244	19,227	23,055	23,971	25,211	28,176	28,968	29,497
Employer and self-employed contributions for government social insurance	6	1,670	1,742	1,836	8,726	9,320	9,910	11,504	11,999	12,737	14,247	14,708	15,060
Employer contributions for government social insurance	7	1,414	1,442	1,499	8,537	9,024	9,317	11,551	11,973	12,474	13,929	14,260	14,437
Plus: Adjustment for residence ⁵	8	740	765	812	23,452	25,027	26,419	-4,928	-4,958	-5,165	1,241	1,329	1,429
Equals: Net earnings by place of residence	9	25,877	26,573	27,611	161,725	171,444	180,130	188,874	195,917	205,755	223,199	229,546	231,164
Plus: Dividends, interest, and rent ⁶	10	6,145	5,929	6,295	34,271	35,172	38,259	41,009	45,113	50,799	46,511	48,846	53,955
Plus: Personal current transfer receipts	11	7,488	8,133	8,294	23,941	25,841	27,432	36,935	39,472	41,201	49,052	52,097	55,957
Earnings by place of work													
Components of earnings:													
Wage and salary disbursements	12	20,211	20,609	21,427	113,179	119,622	126,026	160,189	165,051	174,166	180,356	183,652	185,173
Supplements to wages and salaries	13	4,903	5,107	5,286	27,142	28,526	29,881	34,296	35,852	37,123	43,918	46,102	46,360
Employer contributions for employee pension and insurance fund	14	3,489	3,664	3,787	18,605	19,602	20,564	22,745	23,879	24,649	29,990	31,842	31,923
Employer contributions for government social insurance	15	1,414	1,442	1,499	8,537	9,024	9,317	11,551	11,973	12,474	13,929	14,260	14,437
Proprietors' income ⁷	16	3,107	3,277	3,420	15,215	16,513	17,032	22,372	23,943	24,843	25,861	27,432	27,699
Farm	17	15	5	24	252	223	122	2	1	-6	352	316	266
Nonfarm	18	3,092	3,271	3,395	14,964	16,290	16,911	22,371	23,942	24,848	25,509	27,116	27,433
Earnings by industry													
Farm earnings	19	111	86	109	406	352	257	123	104	101	909	824	787
Nonfarm earnings	20	28,110	28,906	30,025	155,131	164,308	172,681	216,734	224,742	236,030	249,226	256,361	258,445
Private earnings	21	22,801	23,356	24,233	118,712	125,739	131,795	191,769	198,482	208,522	213,939	218,805	219,843
Forestry, fishing, related activities, and other ⁸	22	327	342	371	120	127	129	471	525	499	320	328	322
Mining	23	12	12	16	138	163	182	317	319	384	789	836	980
Oil and gas extraction	24	1	2	2	(D)	13	18	179	175	(D)	360	363	480
Mining, except oil and gas	25	(D)	(D)	13	111	128	137	132	138	144	329	367	382
Support activities for mining	26	(D)	(D)	(L)	(D)	22	27	7	5	(D)	101	106	117
Utilities	27	214	227	227	2,553	2,650	2,736	1,578	1,667	1,726	2,816	2,982	3,118
Construction	28	1,936	2,035	2,117	12,113	13,205	13,947	12,107	12,769	13,172	13,834	14,322	13,818
Manufacturing	29	3,721	3,792	3,829	10,659	10,648	10,668	25,519	25,732	26,242	56,275	55,840	54,833
Durable goods manufacturing	30	1,907	1,899	1,894	6,370	6,337	6,283	18,259	18,177	18,514	45,010	44,260	43,394
Wood product manufacturing	31	297	300	286	196	205	201	172	179	184	614	606	583
Nonmetallic mineral product manufacturing	32	69	70	74	315	330	330	452	467	479	1,161	1,180	1,123
Primary metal manufacturing	33	57	57	56	444	414	360	415	407	410	2,306	2,351	2,334
Fabricated metal product manufacturing	34	219	239	256	511	541	563	2,493	2,719	2,685	4,688	4,853	4,857
Machinery manufacturing	35	133	133	133	778	730	750	1,798	1,819	1,730	5,388	5,594	5,537
Computer and electronic product manufacturing	36	276	265	258	2,462	2,459	2,442	7,945	7,676	7,867	1,250	1,383	1,451
Electrical equipment and appliance mfg.	37	58	56	50	144	162	158	914	937	998	1,102	1,063	1,010
Motor vehicles, bodies and trailers, and parts manufacturing	38	33	32	31	(D)	(D)	(D)	(D)	(D)	(D)	24,068	22,987	22,141
Other transportation equipment manufacturing	39	609	588	587	(D)	(D)	(D)	(D)	(D)	(D)	846	837	826
Furniture and related product manufacturing	40	66	61	60	169	178	192	311	319	315	1,444	1,522	1,547
Miscellaneous manufacturing	41	90	98	103	587	570	595	2,207	2,099	2,168	2,142	1,884	1,985
Nondurable goods manufacturing	42	1,814	1,892	1,935	4,289	4,311	4,385	7,260	7,555	7,728	11,265	11,580	11,439
Food manufacturing	43	257	248	253	759	785	824	1,079	1,157	1,211	1,704	1,773	1,869
Beverage and tobacco product manufacturing	44	60	85	89	311	312	314	212	207	220	308	315	314
Textile mills	45	63	64	67	70	73	69	445	405	364	36	38	42
Textile product mills	46	44	43	46	50	48	48	175	181	186	109	104	116
Apparel manufacturing	47	28	18	18	94	91	87	164	154	156	38	39	43
Leather and allied product manufacturing	48	93	91	96	(D)	36	12	145	199	183	80	78	81
Paper manufacturing	49	855	905	907	305	316	317	922	916	883	1,043	1,104	1,071
Printing and related support activities	50	110	111	108	795	795	813	935	947	1,070	950	961	947
Petroleum and coal products manufacturing	51	63	69	67	(D)	128	124	206	237	264	1,023	1,369	1,301
Chemical manufacturing	52	132	146	164	1,288	1,269	1,297	1,998	2,173	2,200	3,526	3,320	3,190
Plastics and rubber products manufacturing	53	107	112	121	457	457	481	979	978	991	2,449	2,478	2,465
Wholesale trade	54	1,197	1,235	1,298	6,753	7,153	7,502	11,603	11,507	12,642	12,064	12,535	12,877
Retail trade	55	2,540	2,573	2,831	9,906	10,156	10,410	12,425	12,691	12,496	15,671	15,656	15,642
Transportation and warehousing	56	733	762	795	3,569	3,738	3,943	4,042	4,142	4,270	7,191	7,269	7,241
Air transportation	57	20	22	22	347	383	416	568	552	524	1,362	1,309	1,077
Rail transportation	58	40	40	43	(D)	(D)	193	(D)	(D)	280	(D)	(D)	361
Water transportation	59	6	6	6	54	46	44	78	82	66	33	33	32
Truck transportation	60	339	365	383	1,022	1,055	1,103	1,107	1,122	1,159	2,406	2,561	2,645
Transit and ground passenger transportation	61	37	36	37	273	309	346	568	572	628	181	194	194
Pipeline transportation	62	(D)	9	9	(D)	(D)	6	15	(D)	15	329	268	294
Scenic and sightseeing transportation	63	9	9	8	12	13	12	39	38	39	18	17	16
Support activities for transportation	64	88	91	96	661	689	706	403	447	468	931	958	1,006
Couriers and messengers	65	(D)	92	96	(D)	566	594	(D)	(D)	610	(D)	(D)	632
Warehousing and storage	66	90	92	94	455	494	523	404	441	483	957	978	980
Information	67	598	617	630	4,583	4,864	5,000	8,080	8,539	9,022	4,797	4,809	4,875
Publishing industries, except Internet	68	158	162	161	896	882	921	4,017	4,570	4,800	1,942	1,901	1,955
Motion picture and sound recording industries	69	26	34	37	139	147	146	170	171	181	203	188	186
Broadcasting, except Internet	70	97	104	103	1,200	1,439	1,429	598	605	622	617	650	649
Internet publishing and broadcasts	71	8	8	8	68	68	71	289	269	273	33	27	27
Telecommunications	72	220	215	214	1,675	1,742	1,795	1,929	1,826	1,994	1,579	1,597	1,602
ISPs, search portals, and data processing	73	65	70	84	566	550	600	1,019	1,039	1,086	388	405	413
Other information services	74	22	22	24	39	36	37	57	59	66	36	42	43
Finance and insurance	75	1,702	1,706	1,745	9,689	10,437	10,747	25,275	25,274	26,841	11,980	12,486	12,741
Real estate and rental and leasing	76	521	514	520	4,165	4,414	4,497	5,299	5,455	5,377	6,366	6,601	6,439
Professional and technical services	77	1,668	1,732	1,847	19,706	21,471	23,152	28,035	30,017	32,568	24,227	25,148	25,646
Management of companies and enterprises	78	459	398	428	1,390	1,726	1,862	5,739	6,280	6,569	7,172	7,248	6,831
Administrative and waste services	79	736	770	829	5,684	6,104	6,454	6,969	7,406	7,917	10,234	10,973	11,003
Educational services	80	401	405	427	2,702	2,817	2,926	7,234	7,402	7,721	2,079	2,205	2,314
Health care and social assistance	81	4,035											

and Earnings by Industry, 2004-2006¹—Continues
of dollars]

Minnesota			Mississippi			Missouri			Montana			Nebraska			Nevada			Line	
2004 ¹	2005 ¹	2006 ¹	2004 ¹	2005 ¹	2006 ¹	2004 ¹	2005 ¹	2006 ¹	2004 ¹	2005 ¹	2006 ¹	2004 ¹	2005 ¹	2006 ¹	2004 ¹	2005 ¹	2006 ¹		
183,795	190,529	200,232	69,778	74,033	78,317	173,968	181,930	191,602	25,814	27,313	29,176	55,486	57,727	60,801	80,311	90,267	97,363	1	
5,094	5,127	5,167	2,893	2,908	2,911	5,753	5,798	5,843	926	935	945	1,747	1,758	1,768	2,332	2,412	2,496	2	
36,078	37,164	38,751	24,122	25,454	26,908	30,240	31,380	32,793	27,866	29,220	30,886	31,761	32,833	34,383	34,432	37,420	39,015	3	
147,649	152,578	158,312	49,326	51,161	53,731	135,148	141,091	147,372	18,358	19,760	20,867	43,564	45,124	46,826	61,027	67,520	72,582	4	
17,337	17,974	18,823	5,459	5,655	6,037	14,627	15,494	16,333	2,173	2,366	2,559	4,724	4,960	5,287	6,234	6,910	7,516	5	
8,830	9,156	9,631	2,906	3,051	3,303	7,665	8,109	8,578	1,086	1,171	1,273	2,449	2,567	2,731	3,171	3,518	3,826	6	
8,507	8,817	9,193	2,553	2,604	2,735	6,962	7,385	7,754	1,087	1,195	1,286	2,275	2,393	2,556	3,063	3,392	3,689	7	
-1,279	-1,292	-1,284	1,959	2,128	2,290	-3,846	-4,171	-4,238	33	33	33	-930	-982	-940	-451	-533	-579	8	
129,033	133,312	138,205	45,826	47,634	49,984	116,675	121,426	126,801	16,218	17,427	18,341	37,910	39,223	40,556	54,342	60,078	64,488	9	
32,184	33,733	36,257	8,469	7,026	10,739	28,284	29,453	31,761	5,419	5,433	5,979	9,835	10,373	11,392	17,304	20,886	22,665	10	
22,578	23,484	25,771	15,483	19,373	17,595	29,009	31,051	33,039	4,176	4,453	4,856	7,742	8,130	8,853	8,665	9,304	10,210	11	
110,029	112,747	117,767	34,321	35,793	37,708	97,467	101,760	106,489	12,195	13,074	14,122	30,497	31,692	33,349	45,373	50,108	54,117	12	
24,599	25,692	26,526	9,044	9,565	9,969	23,357	24,856	25,846	3,238	3,522	3,758	7,181	7,640	8,028	9,830	10,940	11,671	13	
16,902	16,874	17,333	6,492	6,961	7,234	16,395	17,472	18,092	2,151	2,327	2,472	4,905	5,247	5,471	6,767	7,549	7,982	14	
8,507	8,817	9,193	2,553	2,604	2,735	6,962	7,385	7,754	1,087	1,195	1,286	2,275	2,393	2,556	3,063	3,392	3,689	15	
13,021	14,140	14,019	5,961	5,803	6,054	14,324	14,475	15,038	2,925	3,164	2,987	5,886	5,791	5,449	5,824	6,472	6,794	16	
1,057	1,433	938	1,015	1,151	499	1,184	417	423	265	265	-25	1,458	1,105	549	34	26	1	17	
11,964	12,707	13,081	4,946	4,652	5,556	13,140	14,058	14,614	2,660	2,872	3,012	4,428	4,687	4,855	5,790	6,446	6,793	18	
1,601	1,932	1,438	1,210	1,323	672	1,435	681	658	436	486	183	1,904	1,553	1,050	100	101	82	20	
146,047	150,646	156,874	48,116	49,838	53,059	133,713	140,410	146,714	17,922	19,274	20,684	41,660	43,571	45,776	60,927	67,419	72,500	20	
125,988	129,692	134,919	36,324	37,508	40,358	112,373	118,024	123,242	13,783	14,912	16,090	33,933	35,510	37,353	51,961	57,765	62,042	21	
299	307	324	493	499	509	316	308	318	184	194	216	164	167	183	30	30	32	22	
(D)	(D)	(D)	334	331	458	20	22	30	143	163	183	22	24	30	28	27	37	23	
446	484	539	74	78	88	375	512	558	313	346	385	135	154	169	751	810	972	25	
(D)	(D)	(D)	168	187	263	19	25	34	102	140	185	7	8	9	74	81	89	26	
1,427	1,446	1,494	649	674	668	1,158	1,156	1,227	349	368	394	918	923	974	601	605	621	27	
9,262	9,421	9,522	2,538	2,945	3,380	8,996	9,676	10,116	1,419	1,661	1,827	2,709	2,792	2,894	7,092	8,381	9,223	28	
23,068	23,221	23,858	8,108	8,429	8,582	18,910	19,353	19,893	1,068	1,129	1,209	4,957	5,138	5,390	2,832	3,012	3,259	29	
15,382	15,477	15,893	5,282	5,524	5,716	12,117	12,466	12,766	609	652	681	2,371	2,476	2,659	2,028	2,142	2,308	30	
1,010	1,054	1,051	573	573	594	333	343	343	233	239	240	78	84	85	93	100	94	31	
590	593	597	228	225	236	589	630	667	47	50	47	133	138	147	281	324	363	32	
409	423	433	153	163	175	562	597	621	55	59	56	86	93	100	69	84	97	33	
2,419	2,506	2,615	481	477	515	1,675	1,734	1,769	53	58	67	373	399	435	242	259	301	34	
2,350	2,405	2,360	643	603	641	1,526	1,627	1,745	63	73	85	474	504	563	87	95	99	35	
4,413	4,447	4,664	132	139	139	482	542	542	20	26	25	331	313	338	208	186	201	36	
480	509	549	376	453	494	763	783	798	9	10	104	103	103	96	51	56	56	37	
462	465	438	(D)	(D)	(D)	2,692	2,715	2,643	(D)	18	21	(D)	(D)	(D)	(D)	(D)	(D)	(D)	38
458	487	469	(D)	(D)	(D)	1,942	2,028	2,140	(D)	10	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)	39
584	596	608	960	951	909	744	688	696	33	34	36	125	134	137	139	159	162	40	
2,207	1,991	2,110	170	161	168	809	779	769	76	76	83	250	265	293	736	754	813	41	
7,686	7,744	7,964	2,826	2,905	2,866	6,793	6,887	7,126	459	501	528	2,566	2,662	2,731	804	870	952	42	
2,164	2,142	2,194	784	813	809	1,823	1,851	1,996	94	97	105	1,570	1,589	1,624	1,671	1,701	1,89	43	
170	167	175	44	44	47	606	609	592	34	34	36	60	60	58	17	17	19	44	
20	19	24	59	64	66	26	26	29	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	45
91	96	98	53	41	37	78	86	94	9	9	9	14	14	15	18	17	18	46	
44	43	46	128	111	107	117	107	102	8	8	8	9	9	9	6	6	11	47	
74	72	79	4	4	3	136	137	155	2	2	3	5	5	5	(D)	(D)	(D)	(D)	48
855	856	896	432	458	436	535	523	523	(D)	(D)	(D)	129	149	152	63	80	85	49	
1,723	1,786	1,790	132	129	128	836	841	867	38	39	43	224	231	235	185	195	208	50	
300	335	363	285	321	327	617	673	677	160	191	202	6	7	7	42	49	59	51	
1,354	1,320	1,381	494	510	518	1,554	1,588	1,652	53	58	54	281	319	342	127	140	145	52	
891	906	919	410	394	390	917	917	928	8	9	11	280	271	275	168	183	203	53	
9,466	10,036	10,591	1,919	2,023	2,250	7,405	7,901	8,341	758	817	879	2,288	2,377	2,478	2,313	2,581	2,801	54	
9,146	9,159	9,254	3,727	3,919	4,255	9,231	9,484	9,742	1,574	1,646	1,747	2,840	2,900	2,973	4,528	4,899	5,182	55	
5,241	5,341	5,020	1,979	2,067	2,183	5,276	5,476	5,782	736	799	854	3,055	3,227	3,368	1,907	2,098	2,233	56	
1,786	1,758	1,275	16	20	20	538	490	494	32	36	40	26	29	34	26	27	26	57	
367	381	(D)	130	139	(D)	(D)	(D)	(D)	218	235	249	1,069	1,119	1,162	74	83	89	58	
36	35	35	48	46	52	45	48	61	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	59	
1,501	1,601	1,694	1,018	1,105	1,170	2,413	2,567	2,720	297	321	340	1,306	1,398	1,431	396	451	498	60	
304	306	317	41	41	39	207	200	204	27	27	27	29	34	37	54	60	63	61	
9	9	9	69	73	80	25	28	28	21	25	25	183	175	186	(D)	(D)	(D)	62	
398	411																		

Table 4. Personal Income by Major Source

[Millions]

Item	Line	New Hampshire			New Jersey			New Mexico			New York		
		2004 ¹	2005 ²	2006 ³	2004 ¹	2005 ²	2006 ³	2004 ¹	2005 ²	2006 ³	2004 ¹	2005 ²	2006 ³
Income by place of residence													
Personal income (lines 4-11)	1	47,170	48,979	52,142	361,679	377,006	404,192	49,799	54,008	58,101	739,795	790,329	848,744
Population (thousands) ²	2	1,298	1,307	1,315	8,676	8,703	8,725	1,901	1,926	1,955	19,292	19,316	19,306
Per capita personal income (dollars) ³	3	36,342	37,480	39,655	41,688	43,318	46,328	26,201	28,042	29,725	38,348	40,916	43,962
Derivation of personal income													
Earnings by place of work (lines 12-18 or 19-90)	4	34,820	36,561	38,389	266,695	278,400	292,124	37,162	39,427	42,056	599,537	631,643	674,300
Less: Contributions for government social insurance ⁴	5	3,851	4,047	4,241	30,462	31,718	33,157	3,885	4,144	4,511	65,285	68,084	72,059
Employee and self-employed contributions for government social insurance	6	2,067	2,194	2,320	15,790	16,535	17,436	2,055	2,202	2,401	32,379	34,009	36,200
Employer contributions for government social insurance	7	1,784	1,853	1,921	14,671	15,183	15,721	1,830	1,943	2,110	32,907	34,075	35,860
Plus: Adjustments for residence ⁵	8	3,923	3,962	4,111	26,884	29,110	32,508	267	276	298	-34,865	-37,320	-41,862
Equals: Net earnings by place of residence	9	34,892	36,476	38,258	263,117	275,792	291,476	33,543	35,558	37,843	499,387	526,239	560,379
Plus: Dividends, interest, and rent ⁶	10	6,715	6,724	7,675	53,976	54,664	61,917	7,313	8,833	9,905	108,460	132,763	148,805
Plus: Personal current transfer receipts	11	5,563	5,779	6,209	44,586	46,550	50,799	8,942	9,617	10,353	131,948	131,328	139,560
Earnings by place of work													
Components of earnings:													
Wage and salary disbursements	12	25,051	26,176	27,649	194,045	201,574	212,144	26,577	28,158	30,301	431,824	452,654	486,937
Supplements to wages and salaries	13	5,405	5,720	5,938	41,394	43,240	44,961	6,477	6,914	7,418	92,573	98,919	104,002
Employer contributions for employee pension and insurance fund	14	3,621	3,866	4,016	26,722	28,057	29,240	4,647	4,971	5,308	59,666	64,844	68,142
Employer contributions for government social insurance	15	1,784	1,853	1,921	14,671	15,183	15,721	1,830	1,943	2,110	32,907	34,075	35,860
Proprietors' income ⁷	16	4,363	4,665	4,802	31,256	33,586	35,020	4,107	4,355	4,538	75,140	80,070	83,361
Farm	17	6	4	-3	37	55	36	464	410	144	368	463	239
Nonfarm	18	4,358	4,661	4,805	31,219	33,531	34,984	3,643	3,945	4,194	74,773	79,607	83,122
Earnings by industry													
Farm earnings	19	48	40	35	261	243	233	681	657	410	885	892	689
Nonfarm earnings	20	34,772	36,521	38,354	266,434	278,157	291,892	36,481	38,770	41,646	598,653	630,750	673,612
Private earnings	21	30,554	32,109	33,742	227,071	237,245	249,352	25,651	27,374	30,170	509,025	535,867	575,435
Forestry, fishing, related activities, and other ⁸	22	109	114	120	121	122	123	114	120	128	1,152	1,165	1,163
Mining	23	43	47	50	225	278	340	1,258	1,477	1,827	1,376	1,411	1,523
Oil and gas extraction	24	3	3	4	53	66	86	528	609	782	951	940	996
Mining, except oil and gas	25	(D)	(D)	(D)	166	203	247	292	319	339	391	430	480
Support activities for mining	26	(D)	(D)	(D)	6	9	7	438	549	706	34	41	48
Utilities	27	362	356	372	2,239	2,268	2,329	338	360	372	5,787	6,131	6,450
Construction	28	2,514	2,719	2,770	14,352	15,200	16,095	2,457	2,776	3,103	24,285	25,372	27,134
Manufacturing	29	5,595	5,781	6,028	29,971	29,943	31,523	2,188	2,264	2,468	44,382	44,382	44,918
Durable goods manufacturing	30	4,222	4,374	4,585	11,844	11,673	12,176	1,637	1,689	1,839	24,456	24,756	25,578
Wood product manufacturing	31	139	147	144	254	249	239	57	60	65	457	490	499
Nonmetallic mineral product manufacturing	32	168	178	180	954	987	984	107	120	137	1,152	1,181	1,215
Primary metal manufacturing	33	169	189	189	679	602	592	74	84	81	946	980	1,024
Fabricated metal product manufacturing	34	616	654	678	1,557	1,605	1,675	116	125	136	3,115	3,149	3,298
Machinery manufacturing	35	499	536	640	1,336	1,368	1,417	64	71	80	3,846	3,857	3,941
Computer and electronic product manufacturing	36	1,692	1,714	1,784	2,623	2,705	2,923	795	795	838	6,725	7,048	7,204
Electrical equipment and appliance mfg.	37	297	300	330	545	557	579	17	17	20	981	1,012	1,077
Motor vehicles, bodies and trailers, and parts manufacturing	38	(D)	58	38	(D)	(D)	(D)	(D)	(D)	(D)	2,423	2,239	2,318
Other transportation equipment manufacturing	39	(D)	110	117	(D)	(D)	(D)	(D)	(D)	(D)	863	923	943
Furniture and related product manufacturing	40	519	59	61	395	392	421	37	35	43	802	812	863
Miscellaneous manufacturing	41	417	429	423	2,881	2,628	2,756	262	245	245	3,145	3,066	3,195
Nondurable goods manufacturing	42	1,374	1,407	1,443	18,127	18,270	19,347	551	575	629	19,475	19,627	19,341
Food manufacturing	43	99	102	114	2,004	1,961	1,954	190	199	210	2,496	2,490	2,543
Beverage and tobacco product manufacturing	44	78	75	73	169	179	181	19	20	24	978	1,143	1,119
Textile mills	45	85	83	86	252	236	234	4	6	6	489	463	422
Textile product mills	46	11	11	12	223	220	218	4	4	4	275	284	300
Apparel manufacturing	47	10	10	10	485	462	488	6	2	3	2,129	2,065	1,913
Leather and allied product manufacturing	48	21	17	15	90	83	78	3	3	3	112	113	120
Paper manufacturing	49	201	199	182	1,138	1,142	1,148	40	44	43	1,556	1,703	1,720
Printing and related support activities	50	192	189	181	1,829	1,839	1,882	47	48	50	2,308	2,283	2,250
Petroleum and coal products manufacturing	51	63	79	86	538	649	90	707	90	117	2,009	2,067	2,061
Chemical manufacturing	52	145	148	158	10,163	10,232	11,209	116	126	131	5,728	5,618	5,481
Plastics and rubber products manufacturing	53	470	493	527	1,238	1,266	1,248	33	33	40	1,397	1,397	1,391
Wholesale trade	54	2,147	2,282	2,398	19,251	19,988	20,671	1,161	1,249	1,371	27,560	28,489	29,977
Retail trade	55	3,388	3,484	3,520	17,942	18,346	18,874	2,824	2,940	3,052	30,095	31,472	32,742
Transportation and warehousing	56	661	684	712	9,608	10,061	10,372	1,056	1,125	1,211	12,812	13,237	13,961
Air transportation	57	45	44	46	1,255	1,268	1,332	80	88	(D)	2,347	2,395	2,514
Rail transportation	58	10	10	12	120	111	(D)	(D)	(D)	(D)	516	(D)	(D)
Water transportation	59	(D)	(D)	(D)	227	300	204	(L)	(L)	(L)	387	370	414
Truck transportation	60	244	257	266	2,879	2,984	3,101	388	429	485	2,499	2,597	2,718
Transit and ground passenger transportation	61	71	72	80	854	864	893	71	70	71	2,255	2,347	2,509
Pipeline transportation	62	(D)	(D)	(D)	31	32	31	90	89	88	46	39	36
Scenic and sightseeing transportation	63	8	8	8	20	20	20	(D)	(D)	(D)	5	69	84
Support activities for transportation	64	75	81	85	1,907	2,036	2,135	127	136	142	2,102	2,164	2,268
Couriers and messengers	65	99	100	103	1,048	1,117	(D)	(D)	(D)	105	112	1,818	(D)
Warehousing and storage	66	95	100	98	1,267	1,329	1,349	45	46	51	774	856	898
Information	67	961	1,028	1,037	11,109	11,234	11,863	725	753	834	36,263	37,857	39,515
Publishing industries, except Internet	68	537	565	557	2,909	2,877	2,955	170	169	179	8,965	9,224	9,665
Motion picture and sound recording industries	69	19	20	21	305	305	326	26	26	26	4,240	4,406	4,621
Broadcasting, except Internet	70	79	87	93	2,116	2,459	2,497	118	132	132	14,024	15,092	15,602
Internet publishing and broadcasts	71	10	9	12	72	77	83	5	5	5	398	415	499
Telecommunications	72	238	252	270	4,236	4,006	4,280	328	303	343	5,816	5,704	5,894
ISPs, search portals, and data processing	73	76	81	81	1,325	1,363	1,571	71	69	76	2,000	2,178	2,342
Other information services	74	4	4	4	147	147	151	7	7	7	820	837	893
Finance and insurance	75	2,389	2,619	2,790	23,932	25,739	27,473	1,371	1,449	1,518	100,361	108,382	126,230
Real estate and rental and leasing	76	852	901	825	6,793	6,970	6,890	665	701	731	14,814	17,255	17,313
Professional and technical services	77	2,686	2,880	3,177	29,042	31,083	33,562	3,390	3,597	4,368	65,600	68,885	74,256
Management of companies and enterprises	78	771	822	1,015	7,570	8,716	9,034	285	325	343	16,197	17,509	18,801
Administrative and waste services	79	1,044	1,122	1,225	10,559	11,104	11,449	1,397	1,496	1,623	18,464	19,713	20,346
Educational services	80	864	886	942	3,195	3,240	3,465						

and Earnings by Industry, 2004-2006¹—Continues
of dollars]

North Carolina			North Dakota			Ohio			Oklahoma			Oregon			Pennsylvania			Line
2004'	2005'	2006'	2004'	2005'	2006'	2004'	2005'	2006'	2004'	2005'	2006'	2004'	2005'	2006'	2004'	2005'	2006'	
251,285	266,985	286,405	18,674	20,341	21,005	351,631	365,327	381,260	100,078	106,493	115,960	109,808	114,648	123,059	413,901	431,836	456,429	1
8,531	8,672	8,857	636	635	636	11,461	11,471	11,470	3,523	3,543	3,579	3,589	3,639	3,701	12,377	12,405	12,441	2
29,455	30,785	32,338	29,369	32,053	33,034	30,680	31,849	33,217	28,408	30,054	32,398	30,594	31,507	33,252	33,440	34,810	36,689	3
193,296	205,877	218,915	14,921	16,179	16,502	273,070	281,568	291,257	74,499	79,255	85,896	84,421	88,569	94,052	309,994	324,003	339,362	4
22,015	23,513	25,165	1,792	1,882	2,002	29,259	30,170	31,641	7,824	8,334	9,030	10,256	10,839	11,512	35,583	37,518	39,562	5
11,386	12,141	13,064	886	941	1,009	14,318	14,907	15,658	3,968	4,269	4,695	4,838	5,179	5,568	18,230	19,080	20,245	6
10,628	11,372	12,100	907	941	993	14,940	15,264	15,983	3,855	4,065	4,335	5,418	5,660	5,943	17,353	18,438	19,317	7
-754	-801	-885	-573	-612	-661	-1,477	-1,639	-1,667	1,113	1,146	1,182	-2,052	-2,277	-2,425	4,081	4,397	4,626	8
170,527	181,563	192,865	12,556	13,686	13,839	242,334	249,758	257,949	67,788	72,067	78,048	72,113	75,453	80,116	278,492	290,882	304,426	9
40,405	41,910	46,325	3,177	3,516	3,755	50,938	54,001	57,940	15,419	16,259	17,965	21,024	21,481	23,882	62,658	63,125	70,079	10
40,352	43,511	47,214	2,941	3,139	3,411	58,359	61,568	65,371	16,871	18,167	19,947	16,671	17,714	19,061	72,751	77,829	81,924	11
141,602	149,423	159,890	10,337	10,865	11,571	201,321	206,591	213,607	47,420	50,037	55,026	59,714	63,492	67,827	222,090	230,551	242,484	12
33,694	36,425	38,601	2,672	2,831	2,993	47,471	49,424	51,270	12,621	13,569	14,626	15,576	15,379	16,230	51,692	54,813	57,023	13
23,066	25,053	26,501	1,766	1,890	2,000	32,531	34,160	35,287	8,766	9,504	10,290	10,158	9,719	10,287	34,339	36,375	37,705	14
10,628	11,372	12,100	907	941	993	14,940	15,264	15,983	3,855	4,065	4,335	5,418	5,660	5,943	17,353	18,438	19,317	15
18,000	20,029	20,424	1,912	2,483	1,937	24,278	25,553	26,379	14,457	15,649	16,244	9,131	9,998	9,995	36,212	38,640	39,855	16
1,445	1,916	1,537	467	897	311	516	371	402	565	611	356	624	101	774	671	480	17	
16,555	18,113	18,887	1,445	1,586	1,626	23,762	25,181	25,977	13,892	15,037	16,115	8,775	9,473	9,893	35,438	37,969	39,375	18
2,034	2,479	2,087	628	1,060	474	944	765	809	833	883	401	1,104	1,097	1,015	1,304	1,115	947	19
191,262	203,398	216,828	14,293	15,119	16,028	272,126	280,803	290,447	73,666	78,372	85,495	83,317	87,472	93,037	308,691	322,888	338,415	20
154,154	163,314	173,981	10,864	11,538	12,300	230,184	237,472	245,885	58,038	61,731	67,680	67,680	72,782	77,684	266,982	279,717	293,777	21
596	619	648	87	101	103	237	248	255	172	179	186	1,332	1,372	1,412	422	448	463	22
289	346	401	288	347	435	1,246	1,348	1,587	4,827	5,883	8,265	158	211	1,936	2,105	2,421	2,21	23
13	14	(D)	66	73	86	656	706	928	3,579	4,344	6,294	(D)	(D)	16	587	584	801	24
267	324	370	128	137	144	429	465	472	145	174	197	146	(D)	190	1,150	1,278	1,347	25
9	9	(D)	95	137	204	161	178	187	1,104	1,365	1,775	(D)	(D)	5	199	243	272	26
1,455	1,446	1,463	375	391	378	2,114	2,290	2,385	1,305	1,317	1,365	669	656	701	3,625	3,586	3,422	27
11,943	13,314	14,571	934	988	1,077	14,847	15,505	15,790	3,460	3,786	4,112	5,149	5,823	6,575	18,254	19,967	21,141	28
33,218	33,709	34,597	1,311	1,424	1,490	54,395	54,879	55,876	11,712	12,436	12,943	12,799	13,436	14,050	45,448	46,438	47,948	29
17,347	17,905	18,805	826	898	947	38,218	38,384	39,272	5,068	5,263	5,759	10,025	10,568	11,067	26,820	27,759	28,730	30
1,092	1,174	1,195	71	77	78	767	725	737	177	184	177	180	173	1,730	1,305	1,362	1,354	31
933	970	1,035	64	67	71	1,993	2,020	2,075	415	423	450	296	322	319	1,903	2,015	1,811	32
472	528	604	(D)	5	(D)	4,292	4,323	4,478	222	252	282	585	666	622	3,378	3,581	3,857	33
1,919	2,037	2,188	68	76	81	6,657	6,817	7,034	1,028	1,079	1,212	768	828	878	4,667	4,986	5,184	34
1,933	2,109	2,197	331	364	383	5,143	5,396	5,605	1,333	1,455	1,638	782	788	825	3,530	3,758	3,898	35
3,854	3,829	4,268	104	106	114	1,498	1,493	1,488	336	333	360	3,918	4,125	4,319	2,964	3,003	3,104	36
1,609	1,639	1,613	1	3	3	2,175	2,166	2,139	142	148	163	128	136	161	1,657	1,688	1,831	37
1,788	1,899	1,897	(D)	(D)	(D)	10,763	10,580	10,700	717	659	645	545	616	624	1,281	1,330	1,364	38
441	552	621	(D)	(D)	(D)	2,087	2,097	2,241	324	430	387	420	387	428	1,928	2,054	2,188	39
2,188	2,117	2,059	38	38	42	974	965	956	100	106	109	302	320	345	1,058	1,072	1,112	40
1,118	1,051	1,127	35	31	33	1,868	1,803	1,816	274	279	313	613	620	635	3,150	2,891	3,034	41
15,871	15,804	15,792	485	526	542	16,177	16,495	16,604	6,644	7,173	7,184	2,775	2,868	2,984	18,627	18,679	19,211	42
1,812	1,842	1,938	226	236	236	2,838	2,911	2,961	785	801	816	895	896	896	3,638	3,647	3,711	43
1,639	1,649	1,577	34	35	31	525	533	538	124	131	142	143	141	155	534	549	529	44
2,630	2,458	2,391	1	(D)	(D)	172	167	161	4	5	6	10	285	11	285	270	258	45
498	482	448	7	8	8	162	168	164	20	24	25	45	46	43	324	295	263	46
1,095	1,041	1,028	2	1	1	118	116	119	39	39	39	36	37	43	583	546	534	47
29	28	28	(D)	(D)	(D)	31	33	32	8	9	9	25	26	27	93	74	71	48
1,233	1,325	1,341	(D)	(D)	(D)	1,572	1,620	1,615	198	211	205	566	602	610	1,809	1,839	1,918	49
778	792	825	33	34	35	1,684	1,723	1,776	184	177	181	370	371	377	1,989	2,002	2,036	50
98	101	102	(D)	(D)	(D)	850	960	960	2,893	3,875	3,860	82	104	112	921	1,019	1,019	51
4,327	4,297	4,286	13	13	15	4,542	4,572	4,669	1,691	1,777	1,711	314	325	334	6,307	6,266	6,624	52
1,733	1,788	1,829	41	42	47	3,682	3,693	3,636	697	703	729	289	310	327	2,144	2,172	2,250	53
10,379	11,076	11,963	930	1,011	1,070	14,748	15,352	16,040	2,980	3,221	3,548	5,266	5,717	6,095	15,695	16,703	17,708	54
13,316	14,049	14,682	1,095	1,147	1,204	18,261	18,323	18,323	5,052	5,306	5,777	6,013	6,310	6,639	20,686	20,686	21,025	55
6,022	6,218	6,424	600	643	692	9,487	10,254	11,036	2,925	3,025	3,260	2,949	3,081	3,254	11,743	11,991	12,541	56
770	679	679	11	11	12	828	894	1,015	656	656	656	229	242	261	1,327	1,097	975	57
(D)	217	230	134	139	148	(D)	(D)	(D)	130	(D)	(D)	(D)	212	(D)	(D)	(D)	(D)	58
18	21	24	(L)	(L)	(L)	78	78	71	(L)	(L)	(L)	56	52	54	70	70	67	

Table 4. Personal Income by Major Source

[Millions]

Item	Line	Rhode Island			South Carolina			South Dakota			Tennessee		
		2004 ¹	2005 ¹	2006 ¹	2004 ¹	2005 ¹	2006 ¹	2004 ¹	2005 ¹	2006 ¹	2004 ¹	2005 ¹	2006 ¹
Income by place of residence													
Personal income (lines 4-11)	1	36,814	38,388	39,780	113,348	120,729	128,291	23,881	24,650	25,338	174,741	184,637	195,085
Population (thousands) ²	2	1,079	1,074	1,068	4,195	4,247	4,321	770	775	782	5,886	5,956	6,039
Per capita personal income (dollars) ³	3	34,121	35,757	37,261	27,022	28,427	29,688	31,007	31,811	32,405	29,690	31,001	32,305
Derivation of personal income													
Earnings by place of work (lines 12-18 or 19-90)	4	25,951	26,957	28,184	83,990	88,665	93,757	17,530	18,098	18,280	140,643	147,953	155,812
Less: Contributions for government social insurance ⁴	5	3,138	3,296	3,446	9,499	10,008	10,652	1,807	1,903	2,019	15,135	15,746	16,630
Employee and self-employed contributions for government social insurance	6	1,675	1,772	1,851	4,919	5,240	5,609	992	1,054	1,124	8,028	8,465	9,042
Employer contributions for government social insurance	7	1,463	1,524	1,596	4,580	4,769	5,043	816	849	894	7,107	7,281	7,588
Plus: Adjustment for residence ⁵	8	1,363	1,383	1,440	1,525	1,614	1,719	-212	-197	-210	-1,507	-1,305	-1,329
Equals: Net earnings by place of residence	9	24,176	25,044	26,177	76,016	80,271	84,825	15,511	15,997	16,051	123,958	130,901	137,853
Plus: Dividends, interest, and rent ⁶	10	6,108	6,537	6,570	16,684	18,329	19,606	5,007	5,054	5,332	20,401	21,395	23,544
Plus: Personal current transfer receipts	11	6,530	6,807	7,033	20,648	22,129	23,860	3,363	3,599	3,956	30,382	32,340	33,688
Earnings by place of work													
Components of earnings:													
Wage and salary disbursements	12	18,889	19,491	20,448	61,429	64,502	68,432	11,380	11,882	12,560	97,241	101,304	107,401
Supplements to wages and salaries	13	4,508	4,766	4,939	15,180	16,276	17,154	2,773	2,941	3,099	22,937	24,252	25,305
Employer contributions for employee pension and insurance fund	14	3,045	3,242	3,343	10,600	11,508	12,110	1,958	2,092	2,204	15,830	16,971	17,717
Employer contributions for government social insurance	15	1,463	1,524	1,596	4,580	4,769	5,043	816	849	894	7,107	7,281	7,588
Proprietors' income ⁷	16	2,554	2,700	2,797	7,381	7,887	8,172	3,377	3,275	2,622	20,464	22,396	23,106
Farm	17	3	3	(L)	411	337	286	1,266	1,004	275	24	302	80
Nonfarm	18	2,551	2,697	2,797	6,970	7,549	7,886	2,111	2,270	2,347	20,440	22,095	23,027
Earnings by industry													
Farm earnings	19	19	17	15	580	486	434	1,413	1,154	424	237	480	267
Nonfarm earnings	20	25,932	26,941	28,169	83,410	88,179	93,323	16,117	16,944	17,856	140,405	147,473	155,545
Private earnings	21	21,277	22,121	23,151	65,894	69,539	73,669	12,754	13,449	14,241	120,457	126,666	133,683
Forestry, fishing, related activities, and other ⁸	22	48	47	51	343	352	373	92	98	106	322	315	333
Mining	23	19	23	28	104	107	111	55	60	66	274	317	380
Oil and gas extraction	24	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	39	46	65
Mining, except oil and gas	25	(D)	18	21	93	94	95	43	48	51	213	237	273
Support activities for mining	26	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	22	34	42
Utilities	27	252	262	279	1,150	1,164	1,267	190	214	222	347	369	390
Construction	28	1,483	1,610	1,715	5,853	6,358	7,068	1,036	1,129	1,212	7,719	8,500	9,333
Manufacturing	29	3,318	3,325	3,327	14,993	15,230	15,542	1,878	1,998	2,154	24,881	25,264	25,739
Durable goods manufacturing	30	(D)	2,151	2,122	7,691	8,035	8,338	1,242	1,302	1,392	15,071	15,294	15,759
Wood product manufacturing	31	(D)	(D)	(D)	413	456	480	104	106	106	752	753	765
Nonmetallic mineral product manufacturing	32	37	38	43	543	598	633	78	84	88	885	948	985
Primary metal manufacturing	33	140	138	(D)	457	556	560	34	34	35	817	827	854
Fabricated metal product manufacturing	34	381	381	386	1,361	1,387	1,358	144	157	168	2,146	2,286	2,431
Machinery manufacturing	35	141	141	141	1,199	1,280	1,325	242	266	297	1,822	1,864	1,880
Computer and electronic product manufacturing	36	376	354	350	381	386	421	174	160	146	712	678	604
Electrical equipment and appliance mfg.	37	156	161	144	629	666	743	20	21	26	1,260	1,294	1,347
Motor vehicles, bodies and trailers, and parts manufacturing	38	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3,884	3,870	4,064
Other transportation equipment manufacturing	39	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	649	730	726
Furniture and related product manufacturing	40	82	85	88	140	136	143	82	89	95	724	718	687
Miscellaneous manufacturing	41	587	574	574	493	469	473	270	273	301	1,421	1,345	1,416
Nondurable goods manufacturing	42	(D)	1,174	1,205	7,302	7,195	7,203	635	696	763	9,810	9,970	9,980
Food manufacturing	43	99	100	105	645	633	654	304	314	331	1,694	1,735	1,750
Beverage and tobacco product manufacturing	44	45	45	41	79	81	83	24	23	25	545	551	585
Textile mills	45	170	(D)	(D)	1,404	1,346	1,251	(D)	(D)	(D)	283	282	292
Textile product mills	46	35	29	30	356	329	310	14	14	15	169	191	153
Apparel manufacturing	47	8	8	9	164	130	120	4	4	4	343	313	310
Leather and allied product manufacturing	48	(D)	7	(D)	1	2	2	1	(D)	(D)	56	47	50
Paper manufacturing	49	102	113	115	1,048	1,108	1,183	80	103	104	1,373	1,508	1,532
Printing and related support activities	50	104	108	106	291	281	278	59	63	67	1,027	991	963
Petroleum and coal products manufacturing	51	52	(D)	(D)	23	23	28	(D)	(D)	(D)	191	239	218
Chemical manufacturing	52	367	381	413	2,151	2,101	2,095	49	54	69	2,634	2,628	2,631
Plastics and rubber products manufacturing	53	157	154	154	1,139	1,162	1,200	52	58	64	1,494	1,506	1,495
Wholesale trade	54	1,147	1,236	1,284	3,684	4,115	4,480	909	964	1,017	7,890	8,385	8,992
Retail trade	55	1,706	1,731	1,731	6,714	7,042	7,339	1,320	1,366	1,407	10,504	11,151	11,614
Transportation and warehousing	56	453	464	493	2,461	2,614	2,747	543	579	642	8,248	8,825	9,249
Air transportation	57	27	29	29	53	51	49	12	14	15	379	391	355
Rail transportation	58	25	24	(D)	132	137	(D)	63	(D)	(D)	109	(D)	(D)
Water transportation	59	8	8	9	8	9	11	(L)	(L)	(L)	134	160	160
Truck transportation	60	145	149	155	1,144	1,231	1,301	312	338	377	3,465	3,771	3,941
Transit and ground passenger transportation	61	59	60	61	45	46	52	21	22	24	190	185	189
Pipeline transportation	62	3	3	(D)	8	8	(D)	11	13	16	(D)	(D)	37
Scenic and sightseeing transportation	63	7	7	7	15	16	16	2	2	(D)	13	14	14
Support activities for transportation	64	52	55	64	529	530	545	45	47	55	724	786	817
Couriers and messengers	65	79	80	88	232	265	282	58	(D)	(D)	2,450	2,576	(D)
Warehousing and storage	66	48	48	52	296	321	336	18	15	23	504	538	577
Information	67	909	936	912	1,574	1,693	1,818	344	377	405	2,928	3,012	3,211
Publishing industries, except Internet	68	212	289	219	333	358	387	68	67	70	650	672	721
Motion picture and sound recording industries	69	16	17	47	29	31	34	6	7	9	406	418	456
Broadcasting, except Internet	70	169	167	166	304	335	360	92	116	122	603	670	705
Internet publishing and broadcasts	71	3	3	5	5	5	5	(D)	(D)	(D)	26	26	20
Telecommunications	72	200	211	228	730	770	805	159	174	190	985	978	1,029
ISPs, search portals, and data processing	73	294	234	233	160	181	215	16	12	12	246	236	265
Other information services	74	15	15	14	12	14	12	(D)	(D)	(D)	11	13	15
Finance and insurance	75	2,012	2,046	2,152	3,917	4,214	4,621	1,197	1,263	1,377	8,364	8,635	9,235
Real estate and rental and leasing	76	476	488	489	1,728	1,868	1,965	363	451	401	3,306	3,362	3,388
Professional and technical services	77	1,862	1,959	2,262	5,008	5,448	5,907	566	629	695	9,113	9,928	10,713
Management of companies and enterprises	78	791	887	1,011	990	983	1,075	231	238	217	1,535	1,705	1,975
Administrative and waste services	79	793	845	879	3,864	4,129	4,324	369	355	383	6,837	7,247	7,690
Educational services	80	828	880	933	647	673	727	174	182	196	1,930	2,098	2,250
Health care and social assistance	81	3,353	3,499	3,671	6,548	6,949	7,380	2,240	2,301	2,431	15,969	16,876	17,850
Arts, entertainment, and recreation	82	249	262	276	680	699	712	189	190	197	1,520	1,569	1,754
Accommodation and food services	83	813	833	856	2,985	3,118	3,325	498	509	543	4,243		

and Earnings by Industry, 2004-2006¹—Continues
of dollars]

Texas			Utah			Vermont			Virginia			Washington			West Virginia			Line	
2004 ¹	2005 ¹	2006 ¹	2004 ¹	2005 ¹	2006 ¹	2004 ¹	2005 ¹	2006 ¹	2004 ¹	2005 ¹	2006 ¹	2004 ¹	2005 ¹	2006 ¹	2004 ¹	2005 ¹	2006 ¹		
695,504	760,316	824,144	63,613	70,167	75,914	19,750	20,324	21,601	267,785	287,250	302,382	218,366	224,808	243,471	45,731	47,955	51,039	1	
22,518	22,929	23,506	2,422	2,490	2,550	621	622	624	7,472	7,564	7,643	6,206	6,292	6,396	1,811	1,814	1,818	2	
30,887	33,160	35,058	26,270	28,176	29,769	31,814	32,654	34,623	35,636	37,974	39,564	35,189	35,730	38,067	25,253	26,435	28,067	3	
577,871	621,792	673,177	52,432	56,589	61,882	14,600	15,232	15,778	213,632	228,584	240,959	166,235	175,591	189,113	31,689	33,386	35,145	4	
55,912	59,898	65,171	5,807	6,282	6,908	1,664	1,738	1,826	23,224	24,859	26,335	20,289	21,583	23,056	4,238	4,478	4,761	5	
28,587	30,751	33,702	2,822	3,025	3,346	892	935	988	11,962	12,865	13,701	9,179	9,785	10,624	1,893	2,012	2,164	6	
27,325	29,147	31,469	2,985	3,257	3,562	772	803	839	11,262	11,994	12,633	11,110	11,798	12,432	2,345	2,466	2,597	7	
-1,506	-1,635	-1,809	28	33	32	287	316	350	8,125	8,084	8,367	2,480	2,711	2,866	838	922	951	8	
520,453	560,260	606,197	46,652	50,340	55,006	13,224	13,811	14,302	198,533	211,809	222,991	148,426	156,719	168,924	28,289	29,830	31,335	9	
87,828	103,744	114,656	9,749	12,041	12,420	3,426	3,141	3,582	40,587	44,427	45,440	41,866	38,456	42,641	5,885	6,113	6,785	10	
87,222	96,313	103,291	7,212	7,786	8,487	3,100	3,371	3,717	28,665	31,014	33,950	28,074	29,633	31,906	11,557	12,012	12,919	11	
380,513	407,296	445,162	37,329	40,061	44,151	10,463	10,816	11,306	156,274	166,467	176,073	119,214	125,842	136,338	22,045	22,997	24,299	12	
87,564	94,605	101,611	9,257	10,183	11,018	2,481	2,638	2,720	38,808	41,841	44,090	29,206	31,329	33,455	6,566	7,101	7,451	13	
60,239	65,458	70,141	6,272	6,926	7,456	1,709	1,835	1,881	27,546	29,847	31,456	18,097	19,531	21,023	4,221	4,635	4,855	14	
27,325	29,147	31,469	2,985	3,257	3,562	772	803	839	11,994	12,633	13,272	11,110	11,798	12,432	2,345	2,466	2,597	15	
109,794	119,891	126,404	5,845	6,345	6,712	1,656	1,778	1,753	18,550	20,277	20,796	17,815	18,420	19,320	3,077	3,289	3,394	16	
2,789	2,078	925	146	101	9	90	109	24	288	374	146	544	226	118	-30	-36	-80	17	
107,006	117,813	125,480	5,699	6,244	6,703	1,566	1,669	1,729	18,262	19,903	20,650	17,271	18,194	19,203	3,107	3,325	3,474	18	
3,727	3,226	1,835	277	251	171	161	168	85	563	601	385	1,706	1,535	1,450	9	-3	-46	19	
574,144	618,566	671,342	52,155	56,338	61,711	14,439	15,064	15,693	213,069	227,983	240,573	164,530	174,056	187,663	31,680	33,390	35,191	20	
487,918	526,848	572,862	42,087	45,649	50,474	11,846	12,324	12,823	161,318	173,008	181,839	132,687	140,279	151,998	24,489	25,696	27,208	21	
1,369	1,507	1,530	51	56	64	66	68	72	285	295	311	1,824	1,898	2,056	109	114	120	22	
33,043	38,764	47,716	657	837	1,080	45	43	50	960	1,060	1,201	1,201	1,289	307	351	2,057	2,337	2,672	23
25,837	29,468	36,842	166	231	320	2	2	2	130	139	156	24	25	36	356	372	489	24	
866	869	961	310	353	419	(D)	(D)	(D)	763	838	926	240	257	289	1,435	1,656	1,837	25	
6,339	8,427	9,913	181	253	340	(D)	(D)	(D)	67	84	119	25	25	27	266	308	345	26	
11,279	12,199	13,068	408	445	502	216	225	228	1,750	1,772	1,938	585	629	689	566	573	611	27	
36,407	40,032	44,783	3,844	4,433	5,358	1,051	1,136	1,192	14,112	15,652	16,440	11,107	12,400	13,938	1,855	2,078	2,370	28	
74,515	81,985	87,250	6,484	6,990	7,555	2,301	2,370	2,392	17,163	17,751	17,977	19,946	21,772	23,935	3,967	3,978	4,005	29	
41,560	44,894	49,584	4,314	4,587	4,984	1,734	1,766	1,790	9,741	10,312	10,592	14,581	16,141	18,090	2,157	2,188	2,220	30	
1,208	1,297	1,369	97	107	137	107	107	105	802	840	853	1,003	1,100	1,121	382	328	335	31	
2,753	3,026	3,209	233	261	314	108	109	110	612	668	689	516	564	614	190	184	187	32	
1,757	1,831	2,067	223	245	275	63	57	50	383	398	421	347	371	399	592	582	546	33	
5,838	6,732	7,738	499	560	622	168	176	181	1,141	1,241	1,314	903	990	1,072	314	329	333	34	
5,740	6,340	7,306	288	320	348	184	181	182	1,108	1,203	1,246	814	866	993	95	101	114	35	
11,672	12,602	13,681	717	740	806	648	663	684	1,300	1,365	1,524	1,813	1,910	1,989	56	62	65	36	
1,141	1,226	1,342	62	69	78	73	75	76	462	496	529	286	314	346	61	53	57	37	
2,160	2,291	2,690	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	182	177	190	38	
5,115	5,524	5,932	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	170	197	214	39	
1,155	1,207	1,322	281	296	339	84	84	83	702	721	704	362	387	429	71	77	76	40	
3,021	2,820	2,928	952	974	991	121	127	141	475	482	482	748	742	781	96	97	102	41	
32,955	37,090	37,666	2,171	2,404	2,572	567	604	602	7,422	7,439	7,385	5,365	5,631	5,845	1,810	1,790	1,785	42	
4,236	4,466	4,557	549	558	587	169	175	174	1,367	1,348	1,367	1,630	1,704	1,768	137	134	137	43	
854	880	946	33	34	39	17	21	23	870	888	895	250	259	271	39	35	36	44	
127	127	130	9	10	13	8	8	8	291	359	8	29	29	29	11	12	10	45	
237	245	255	28	32	35	7	6	7	161	157	169	89	89	99	(D)	(D)	5	46	
404	337	304	21	19	21	18	17	15	119	119	92	90	94	117	5	4	4	47	
150	162	173	5	5	5	6	6	7	7	7	7	33	18	18	(D)	(D)	(L)	48	
1,686	1,820	1,824	143	146	155	120	149	149	848	882	896	1,123	1,186	1,193	81	103	102	49	
2,061	2,065	2,102	316	317	351	93	88	79	824	817	811	488	481	472	90	89	89	50	
9,642	12,648	12,729	284	433	460	(D)	(D)	(D)	116	139	168	380	398	441	157	177	177	51	
11,260	11,935	12,127	629	679	713	78	79	59	1,555	1,550	1,580	770	862	874	1,116	1,052	1,039	52	
2,299	2,404	2,517	154	170	192	43	44	67	1,145	1,182	1,135	481	512	563	167	177	185	53	
33,942	37,028	40,473	2,336	2,578	2,841	589	603	635	8,040	8,431	8,997	8,356	8,708	9,471	1,206	1,305	1,425	54	
36,747	38,717	40,401	4,037	4,738	5,125	1,296	1,324	1,263	12,363	12,895	13,309	11,385	12,738	13,738	2,464	2,558	2,558	55	
26,304	27,095	29,543	2,340	2,582	2,724	355	370	377	5,789	6,121	6,271	5,576	5,764	6,015	1,145	1,214	1,265	56	
5,130	5,092	5,550	512	540	509	14	15	15	1,102	1,116	1,071	951	952	917	16	16	17	57	
1,598	1,691	1,790	182	190	201	12	13	14	438	(D)	(D)	(D)	(D)	(D)	224	227	(D)	58	
400	437	439	(D)	(D)	(D)	(D)	(D)	(D)	174	244	250	302	293	289	42	44	44	59	
6,326	7,080	7,741	882	979	1,078	166	173	177	1,73										

Table 4. Personal Income by Major Source

[Millions]

Item	Line	Wisconsin			Wyoming			New England			Midwest		
		2004 ^r	2005 ^r	2006 ^r	2004 ^r	2005 ^r	2006 ^r	2004 ^r	2005 ^r	2006 ^r	2004 ^r	2005 ^r	2006 ^r
Income by place of residence													
Personal income (lines 4-11)	1	174,740	181,980	191,567	17,760	18,907	20,893	569,318	595,815	631,475	1,793,801	1,894,034	2,021,814
Population (thousands) ²	2	5,499	5,528	5,557	506	509	515	14,241	14,255	14,270	47,307	47,438	47,522
Per capita personal income (dollars) ³	3	31,778	32,922	34,476	35,130	37,161	40,569	39,976	41,797	44,252	37,919	39,927	42,545
Derivation of personal income													
Earnings by place of work (lines 12-18 or 19-90)	4	134,169	138,847	144,353	12,404	13,559	15,203	443,020	461,098	482,924	1,419,304	1,491,300	1,575,919
Less: Contributions for government social insurance ⁴	5	15,201	15,795	16,562	1,327	1,456	1,686	47,225	49,042	51,403	157,139	164,584	173,533
Employee and self-employed contributions for government social insurance	6	7,804	8,140	8,600	691	757	870	24,155	25,237	26,683	79,308	83,362	88,503
Employer contributions for government social insurance	7	7,396	7,655	7,962	636	699	816	23,070	23,805	24,720	77,831	81,202	85,029
Plus: Adjustment for residence ⁵	8	3,161	3,303	3,434	2	1	-11	5,803	5,763	6,688	-17,207	-17,362	-18,743
Equals: Net earnings by place of residence	9	122,129	126,356	131,226	11,079	12,104	13,506	401,597	417,819	438,209	1,244,858	1,309,354	1,383,643
Plus: Dividends, interest, and rent ⁶	10	28,238	29,639	32,847	4,428	4,418	4,781	89,733	95,417	106,295	268,074	294,972	329,717
Plus: Personal current transfer receipts	11	24,373	25,985	27,494	2,253	2,385	2,608	77,988	82,579	86,971	280,769	289,708	308,454
Earnings by place of work													
Components of earnings:													
Wage and salary disbursements	12	99,131	102,031	106,717	8,427	9,188	10,544	321,473	332,679	350,244	1,025,572	1,072,402	1,139,036
Supplements to wages and salaries	13	23,620	24,778	25,628	2,059	2,242	2,514	71,236	74,655	77,056	229,483	243,136	254,405
Employer contributions for employee pension and insurance fund	14	16,224	17,123	17,666	1,423	1,543	1,698	48,166	50,850	52,336	151,653	161,934	169,375
Employer contributions for government social insurance	15	7,396	7,655	7,962	636	699	816	23,070	23,805	24,720	77,831	81,202	85,029
Proprietors' income ⁷	16	11,417	12,038	12,009	1,917	2,130	2,145	50,311	53,763	55,624	164,249	175,763	182,478
Farm	17	577	482	66	41	73	-84	133	147	40	1,631	1,627	1,048
Nonfarm	18	10,840	11,556	11,941	1,876	2,057	2,229	50,178	53,616	55,584	162,618	174,136	181,430
Earnings by industry													
Farm earnings	19	1,371	1,192	787	135	180	31	632	566	477	3,097	2,853	2,336
Nonfarm earnings	20	132,798	137,655	143,567	12,629	13,379	15,171	442,388	460,532	482,447	1,416,207	1,488,447	1,573,583
Private earnings	21	113,519	117,694	122,837	9,291	10,205	11,779	385,534	400,866	420,139	1,179,678	1,239,866	1,315,078
Forestry, fishing, related activities, and other ⁸	22	332	333	350	49	44	42	1,066	1,143	1,162	2,804	2,856	2,844
Mining	23	246	257	272	1,915	2,252	2,862	597	623	767	3,709	3,993	4,509
Oil and gas extraction	24	(D)	(D)	(D)	558	658	830	253	249	341	(D)	1,629	(D)
Mining, except oil and gas	25	212	223	235	765	839	1,024	332	365	417	(D)	2,045	(D)
Support activities for mining	26	(D)	(D)	(D)	592	755	1,007	12	9	255	318	(D)	(D)
Utilities	27	1,218	1,251	1,254	213	229	245	4,064	4,103	4,068	14,712	15,176	15,495
Construction	28	8,467	8,964	9,161	1,003	1,127	1,394	25,582	27,104	28,009	71,418	76,406	81,185
Manufacturing	29	30,306	30,888	32,017	590	653	707	58,672	59,328	60,807	133,004	134,329	138,055
Durable goods manufacturing	30	19,347	19,765	20,628	(D)	248	277	(D)	41,173	42,174	70,864	71,826	74,179
Wood product manufacturing	31	1,057	1,076	1,094	33	33	34	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic mineral product manufacturing	32	599	627	640	43	46	49	1,024	1,073	1,101	4,388	4,573	(D)
Primary metal manufacturing	33	1,220	1,253	1,270	(D)	(D)	(D)	1,170	1,190	(D)	(D)	(D)	(D)
Fabricated metal product manufacturing	34	3,747	3,998	4,197	62	76	89	6,008	6,408	6,559	9,958	10,385	10,835
Machinery manufacturing	35	4,556	4,683	4,849	17	20	24	4,385	4,461	4,486	9,525	9,769	10,041
Computer and electronic product manufacturing	36	1,495	1,566	1,627	14	11	13	12,056	11,794	12,075	15,082	15,520	15,975
Electrical equipment and appliance mfg.	37	1,624	1,678	1,963	9	10	12	2,572	2,567	2,647	(D)	(D)	(D)
Motor vehicles, bodies and trailers, and parts manufacturing	38	(D)	(D)	(D)	19	(D)	(D)	718	(D)	634	4,747	4,515	4,635
Other transportation equipment manufacturing	39	(D)	(D)	(D)	3	(D)	(D)	6,477	(D)	(D)	3,557	3,776	3,937
Furniture and related product manufacturing	40	770	760	780	9	10	10	779	788	802	2,478	2,507	2,643
Miscellaneous manufacturing	41	1,127	1,087	1,088	15	12	12	5,007	4,737	4,890	10,002	9,337	9,781
Non-durable goods manufacturing	42	10,959	11,122	11,389	(D)	405	430	(D)	18,155	18,632	62,139	62,503	63,876
Food manufacturing	43	2,902	2,928	2,924	21	22	21	2,066	2,161	2,246	9,246	9,250	9,396
Beverage and tobacco product manufacturing	44	227	216	221	19	19	21	687	694	730	2,002	2,194	2,153
Textile mills	45	95	102	105	(D)	(D)	(D)	827	(D)	(D)	(D)	(D)	1,058
Textile product mills	46	84	83	86	2	2	2	331	333	345	(D)	(D)	840
Apparel manufacturing	47	63	60	58	2	2	2	274	247	(D)	3,301	3,173	(D)
Leather and allied product manufacturing	48	61	61	63	2	2	2	(D)	(D)	(D)	339	306	281
Paper manufacturing	49	2,647	2,665	2,601	(D)	(D)	(D)	2,759	2,878	2,820	(D)	(D)	(D)
Printing and related support activities	50	1,765	1,768	1,825	12	12	12	2,301	2,293	2,436	7,018	7,009	7,069
Petroleum and coal products manufacturing	51	38	41	47	98	106	123	441	509	554	(D)	(D)	(D)
Chemical manufacturing	52	1,485	1,568	1,778	141	150	157	5,375	5,646	5,813	(D)	24,144	25,348
Plastics and rubber products manufacturing	53	1,982	1,631	1,684	18	21	21	2,199	2,234	2,314	(D)	(D)	(D)
Wholesale trade	54	6,997	7,466	7,951	419	465	536	22,317	22,991	24,894	70,849	73,995	77,715
Retail trade	55	8,828	8,965	9,123	825	871	941	28,811	29,519	29,641	80,363	82,986	85,447
Transportation and warehousing	56	4,920	5,223	5,386	621	690	782	8,584	8,934	9,278	38,659	39,971	41,796
Air transportation	57	238	259	253	23	26	30	810	819	807	5,319	5,192	5,283
Rail transportation	58	281	291	307	(D)	(D)	(D)	268	407	(D)	432	1,868	1,873
Water transportation	59	5	5	(D)	(D)	(D)	(D)	215	(D)	193	(D)	792	739
Truck transportation	60	2,816	3,055	3,124	198	231	270	2,488	2,587	2,681	10,588	11,081	11,602
Transit and ground passenger transportation	61	374	381	384	15	16	19	1,178	1,201	1,288	4,188	4,349	4,592
Pipeline transportation	62	24	24	27	54	62	78	63	60	63	(D)	(D)	506
Scenic and sightseeing transportation	63	13	12	12	2	2	(D)	74	74	69	(D)	150	(D)
Support activities for transportation	64	305	320	340	38	41	43	1,031	1,129	1,205	6,136	6,414	6,622
Couriers and messengers	65	400	405	(D)	34	35	37	1,275	1,306	1,328	4,807	(D)	5,192
Warehousing and storage	66	462	470	518	(D)	(D)	33	1,045	1,143	1,212	(D)	(D)	(D)
Information	67	2,929	3,055	3,163	178	177	187	14,541	15,184	15,744	64,166	66,557	69,428
Publishing industries, except Internet	68	942	1,000	1,065	43	44	46	5,979	6,637	6,790	15,992	16,199	16,886
Motion picture and sound recording industries	69	86	89	87	5	6	7	330	330	381	5,063	5,208	5,433
Broadcasting, except Internet	70	477	520	517	27	26	26	1,951	2,026	2,124	20,564	22,676	23,402
Internet publishing and broadcasts	71	13	13	13	1	2	(D)	(D)	(D)	378	641	643	740
Telecommunications	72	857	870	896	84	81	87	3,900	3,848	4,006	15,256	14,965	15,548
ISPs, search portals, and data processing	73	550	558	580	17	17	18	1,837	1,832	1,915	5,300	5,499	5,977
Other information services	74	4	5	5	1	(L)	(D)	(D)	(D)	151	1,351	1,366	1,441
Finance and insurance	75	8,738	8,978	9,491	392	409	437	51,638	53,474	56,449	162,488	174,431	196,158
Real estate and rental and leasing	76	1,864	1,854	1,865	379	412	416	9,919	10,542	10,251	33,734	36,909	36,919
Professional and technical services	77	7,292	7,846	8,370	551	611	685	46,740	49,648	53,882	159,556	170,152	183,258
Management of companies and enterprises	78	3,522	3,714	4,060	71	78	91	11,396	12,283	13,298	34,206	38,286	41,058
Administrative and waste services	79	3,457	3,712	3,933	250	273	250	13,577	14,434	15,398	46,613	49,554	51,514
Educational services	80												

and Earnings by Industry, 2004-2006¹—Table Ends
of dollars]

Great Lakes			Plains			Southeast			Southwest			Rocky Mountain			Far West			Line
2004 ²	2005 ²	2006 ²	2004 ²	2005 ²	2006 ²	2004 ²	2005 ²	2006 ²	2004 ²	2005 ²	2006 ²	2004 ²	2005 ²	2006 ²	2004 ²	2005 ²	2006 ²	
1,476,625	1,535,474	1,608,781	630,940	658,284	693,472	2,183,474	2,320,164	2,485,959	1,010,321	1,101,695	1,195,214	309,115	332,616	358,073	1,737,676	1,846,297	1,972,021	1
45,990	46,131	46,276	19,692	19,806	19,806	72,989	74,067	74,946	33,687	34,351	35,208	9,846	10,027	10,230	49,885	50,434	51,005	2
32,107	33,285	34,765	32,040	33,237	34,774	29,915	31,325	33,170	29,991	32,072	33,947	31,394	33,174	35,004	34,834	36,608	38,663	3
1,156,643	1,193,171	1,234,683	493,324	512,866	534,131	1,625,341	1,726,794	1,830,533	813,851	877,300	950,419	245,381	262,800	282,188	1,370,507	1,452,875	1,540,337	4
125,922	131,173	136,640	55,150	57,831	61,115	179,516	190,993	203,625	81,390	87,536	95,409	25,913	27,878	30,230	155,160	164,260	174,137	5
63,483	66,117	69,398	28,525	29,985	31,834	93,590	100,179	107,786	41,773	45,123	49,510	12,839	13,717	14,971	76,108	81,183	86,302	6
62,440	65,056	67,242	26,625	27,846	29,281	85,926	90,814	95,838	39,617	42,414	45,899	13,074	14,160	15,259	79,052	83,077	87,836	7
5,041	5,306	5,596	-5,239	-5,513	-5,691	10,226	10,492	10,907	502	510	560	1,067	1,129	1,193	-1,421	-1,525	-1,601	8
1,035,762	1,067,304	1,103,639	432,936	449,522	467,325	1,456,051	1,546,293	1,637,816	732,964	790,213	855,370	220,535	236,051	253,151	1,213,926	1,287,090	1,364,599	9
225,172	237,049	260,902	107,073	112,493	121,571	368,397	378,808	439,444	138,946	159,514	175,761	53,089	58,462	63,599	299,115	322,914	352,834	10
215,691	231,122	244,240	90,931	96,269	104,576	359,026	395,062	408,699	138,412	151,967	164,084	35,491	38,103	41,322	224,636	236,293	254,589	11
837,471	862,528	894,493	353,699	366,876	385,779	1,175,921	1,246,523	1,325,103	545,402	585,320	640,255	168,944	179,971	195,207	960,079	1,014,723	1,083,951	12
202,048	208,999	215,165	83,933	88,549	92,478	281,226	302,467	318,030	126,366	136,860	147,280	39,762	43,189	46,261	235,044	250,595	263,191	13
139,608	143,943	147,923	57,308	60,702	63,197	195,300	211,653	222,192	86,749	94,447	101,382	26,687	29,029	31,002	155,992	167,518	175,355	14
62,440	65,056	67,242	26,625	27,846	29,281	85,926	90,814	95,838	39,617	42,414	45,899	13,074	14,160	15,259	79,052	83,077	87,836	15
117,124	121,644	125,025	55,692	57,441	58,773	168,195	177,805	187,401	142,083	155,120	162,883	36,675	39,640	40,721	175,383	187,557	193,196	16
4,928	2,069	1,700	8,917	7,522	4,086	9,001	9,529	10,907	4,246	4,246	4,246	1,281	1,074	65	5,275	4,224	1,325	17
112,196	119,575	123,325	46,775	49,918	51,787	159,193	168,276	181,130	137,838	151,677	161,603	35,403	38,565	40,656	170,107	183,333	191,870	18
7,577	4,486	4,084	11,447	9,868	6,372	13,077	13,315	10,137	6,085	5,584	3,238	2,531	2,508	1,537	12,938	12,560	10,305	19
1,149,066	1,188,685	1,230,599	481,877	502,998	527,760	1,612,265	1,713,480	1,820,390	807,766	871,716	947,181	242,850	260,292	280,651	1,357,568	1,440,915	1,530,032	20
981,658	1,017,631	1,054,077	402,512	420,205	440,724	1,305,678	1,387,171	1,476,026	673,908	729,211	795,117	199,202	213,896	231,972	1,123,180	1,194,134	1,269,628	21
1,430	1,481	1,510	1,435	1,556	1,640	6,240	6,436	6,770	2,086	2,244	2,317	853	892	949	9,260	9,627	10,229	22
5,120	5,410	5,490	2,538	2,943	3,517	12,715	14,062	16,407	39,855	46,916	50,788	6,028	7,179	9,083	58,615	6,353	7,659	23
(D)	(D)	(D)	846	935	1,209	3,964	(D)	(D)	(D)	34,486	44,008	(D)	3,926	(D)	(D)	(D)	(D)	24
2,166	2,346	2,499	1,358	1,592	1,752	5,840	(D)	(D)	1,952	2,062	2,351	2,016	2,282	2,728	(D)	(D)	(D)	25
(D)	(D)	(D)	334	417	556	2,912	3,292	4,079	(D)	10,368	12,429	(D)	2,429	(D)	2,429	(D)	(D)	26
10,831	11,457	11,847	5,582	5,642	5,829	15,633	15,824	16,244	14,018	15,113	16,165	2,194	2,281	2,662	12,373	13,479	14,504	27
67,463	70,802	72,341	30,592	32,234	33,604	105,100	118,310	129,726	53,004	59,325	66,571	19,192	21,242	23,720	93,382	106,212	114,080	28
227,951	230,996	234,861	74,447	76,858	80,154	203,970	209,658	216,299	101,169	110,355	117,407	22,713	23,996	25,238	157,958	165,879	174,741	29
160,086	161,407	164,153	46,835	48,375	50,622	115,748	120,571	126,544	58,974	63,348	68,639	16,100	17,012	110,557	116,031	123,856	30	
3,727	3,734	3,712	2,235	2,364	2,398	8,174	8,696	8,919	1,769	1,932	2,020	1,001	1,026	1,104	4,987	(D)	(D)	31
5,804	5,968	6,024	2,121	2,198	2,273	7,211	7,704	8,463	3,748	4,136	4,421	986	1,057	1,175	4,147	4,475	(D)	32
13,853	14,166	14,444	1,883	1,983	2,073	6,917	7,376	7,772	2,501	2,400	2,693	(D)	(D)	2,982	(D)	(D)	3,387	33
24,250	25,146	25,955	6,194	6,494	6,818	14,174	15,042	16,077	7,923	8,958	10,198	1,587	1,680	1,837	9,652	10,191	10,815	34
24,525	26,144	27,095	8,028	8,487	8,884	12,611	13,471	14,142	7,623	8,378	9,568	1,052	1,133	1,236	8,838	9,384	9,834	35
8,698	8,935	9,174	6,809	7,049	7,396	13,279	13,507	14,432	17,063	18,305	19,933	5,065	5,366	5,689	42,839	45,673	48,763	36
7,715	7,744	7,944	2,267	2,301	2,395	7,660	7,968	8,222	1,416	1,518	1,671	240	246	273	(D)	(D)	(D)	37
(D)	(D)	(D)	(D)	(D)	(D)	18,268	19,129	19,635	3,153	3,238	3,635	625	(D)	(D)	3,458	3,613	3,693	38
5,144	5,230	5,309	2,197	2,217	2,283	7,102	7,113	7,088	8,204	8,813	9,488	1,496	1,701	1,766	17,155	18,349	20,411	39
11,034	10,349	10,768	4,274	4,008	4,172	8,963	8,559	8,933	4,148	3,968	4,152	1,955	1,958	2,097	10,635	10,368	11,234	41
67,855	69,589	70,708	27,612	28,484	29,532	88,221	89,087	89,754	42,195	47,007	47,768	7,896	8,226	8,403	49,848	50,885	52,885	42
13,272	13,592	13,771	9,943	10,119	10,496	15,901	16,145	16,578	5,609	5,877	6,001	2,125	2,125	2,239	11,178	11,508	11,989	43
1,917	1,905	1,930	1,004	1,001	989	5,485	5,490	5,490	1,200	1,241	1,345	698	719	719	3,858	3,858	4,353	44
389	396	407	68	78	88	7,045	6,552	6,241	171	175	185	27	31	(D)	575	565	576	45
617	626	634	278	289	303	3,632	3,632	3,632	308	329	351	116	121	130	802	772	764	46
482	467	475	307	290	287	3,132	2,905	2,740	464	402	351	81	91	89	3,366	3,278	(D)	47
279	280	273	(D)	(D)	(D)	(D)	(D)	248	176	187	197	31	28	27	235	230	245	48
7,674	7,937	7,903	(D)	(D)	(D)	10,988	11,608	11,778	2,116	2,292	2,280	538	601	583	(D)	4,149	(D)	49
7,892	7,923	8,073	3,781	3,865	3,927	6,652	6,591	6,665	2,618	2,627	2,697	840	847	893	4,831	4,739	4,884	50
3,948	4,830	5,006	1,718	2,068	2,288	3,357	3,742	3,900	12,792	16,837	16,336	(D)	1,079	(D)	(D)	(D)	(D)	51
18,829	19,021	19,436	4,820	4,963	5,240	21,442	21,514	21,688	13,468	13,645	13,880	1,562	1,639	1,747	(D)	12,965	12,322	52
12,557	12,612	12,804	3,309	3,369	3,412	10,333	10,602	10,794	3,273	3,395	3,524	560	614	642	(D)	(D)	(D)	53
62,595	65,890	69,367	28,166	29,970	31,523	84,305	90,408	97,424	44,636	48,653	53,282	11,317	12,179	13,300	64,746	69,557	75,428	54
71,808	72,831	73,672	32,757	33,322	34,126	115,938	1											

Table 5. Personal Income by Major Source

[Millions of dollars,

Line	Item	United States						Alabama							
		2005		2006		2007		2005		2006		2007			
		IV ¹	I ¹	II ¹	III ¹	IV ¹	I ¹	II ¹	IV ¹	I ¹	II ¹	III ¹	IV ¹	I ¹	II ¹
Income by place of residence															
1	Personal income (lines 2-11).....	10,549,631	10,767,987	10,902,219	11,016,422	11,180,604	11,458,768	11,595,412	136,970	138,803	141,080	142,932	144,537	147,612	149,486
Derivation of personal income															
2	Earnings by place of work (lines 12-18 or 19-46).....	8,133,465	8,329,902	8,372,433	8,431,904	8,590,296	8,782,137	8,871,276	101,127	102,229	103,466	104,592	105,945	107,565	108,913
3	Less: Contributions for government social insurance ²	886,988	917,264	918,596	925,360	943,148	968,321	976,883	11,308	11,548	11,652	11,761	11,906	12,094	12,225
4	Employee and self-employed contributions for government social insurance.....	451,956	470,092	471,344	474,840	483,676	497,807	502,248	6,015	6,196	6,277	6,351	6,434	6,549	6,622
5	Employer contributions for government social insurance.....	435,032	447,172	447,252	450,520	459,472	470,514	474,635	5,292	5,351	5,375	5,410	5,472	5,546	5,602
6	Plus: Adjustment for residence ³	-1,294	-1,271	-1,274	-1,290	-1,328	-1,364	-1,386	1,478	1,502	1,502	1,509	1,558	1,616	1,633
7	Equals: Net earnings by place of residence.....	7,245,183	7,411,367	7,452,563	7,505,254	7,645,820	7,812,452	7,893,008	91,298	92,184	93,317	94,340	95,596	97,086	98,321
8	Plus: Dividends, interest, and rent ⁴	1,767,728	1,783,620	1,850,100	1,880,112	1,886,656	1,935,222	1,985,025	20,480	20,566	21,264	21,569	21,621	22,137	22,677
9	Plus: Personal current transfer receipts.....	1,536,720	1,573,000	1,599,556	1,631,056	1,648,128	1,711,094	1,717,379	25,192	26,053	26,499	27,023	27,320	28,389	28,488
10	State unemployment insurance benefits.....	30,888	29,648	28,852	29,780	30,148	31,573	31,469	219	211	219	228	236	244	232
11	Personal current transfer receipts excluding state unemployment insurance benefits.....	1,505,832	1,543,352	1,570,704	1,601,276	1,617,980	1,679,521	1,685,910	24,973	25,842	26,280	26,795	27,084	28,145	28,256
Earnings by place of work															
Components of earnings:															
12	Wage and salary disbursements.....	5,771,828	5,940,096	5,953,920	6,012,260	6,149,992	6,291,232	6,360,906	71,656	72,905	73,703	74,639	75,850	76,707	77,748
13	Supplements to wages and salaries.....	1,371,896	1,394,576	1,404,836	1,417,952	1,438,100	1,461,551	1,477,219	17,919	18,026	18,305	18,494	18,682	18,797	19,028
14	Employer contributions for employee pension and insurance funds.....	936,864	947,404	957,584	967,432	978,628	991,037	1,002,584	12,627	12,675	12,930	13,084	13,210	13,251	13,426
15	Employer contributions for government social insurance.....	435,032	447,172	447,252	450,520	459,472	470,514	474,635	5,292	5,351	5,375	5,410	5,472	5,546	5,602
16	Proprietors' income ⁵	989,741	995,230	1,013,677	1,001,692	1,002,204	1,029,354	1,033,151	11,552	11,298	11,458	11,458	11,412	12,061	12,137
17	Farm proprietors' income.....	25,617	15,750	14,641	16,208	16,664	31,284	27,417	1,221	811	700	811	820	1,345	1,326
18	Nonfarm proprietors' income.....	964,124	979,480	999,036	985,484	985,540	998,070	1,005,734	10,331	10,487	10,758	10,647	10,593	10,717	10,812
Earnings by industry															
19	Farm earnings.....	47,782	38,198	37,297	38,987	39,462	54,277	50,617	1,385	971	863	974	983	1,509	1,492
20	Nonfarm earnings.....	8,085,683	8,291,705	8,335,136	8,392,917	8,550,834	8,727,860	8,820,660	99,742	101,258	102,604	103,617	104,961	106,056	107,420
21	Private earnings.....	6,742,078	6,930,436	6,954,394	6,990,689	7,135,524	7,294,944	7,373,489	79,329	80,708	81,411	82,572	83,139	83,968	85,134
22	Forestry, fishing, related activities, and other ⁶	26,665	27,145	26,802	27,514	27,886	28,045	27,871	575	584	583	577	580	597	594
23	Mining.....	92,487	100,460	106,663	108,476	113,277	115,322	118,736	1,015	1,000	1,038	1,051	1,075	1,081	1,112
24	Utilities.....	85,437	86,277	86,678	86,804	87,496	88,771	90,437	1,476	1,586	1,458	1,559	1,527	1,574	1,617
25	Construction.....	533,574	548,096	552,145	545,358	551,341	552,910	555,799	6,693	6,595	6,799	6,771	6,754	6,848	6,907
26	Manufacturing.....	1,018,376	1,048,837	1,038,930	1,039,977	1,062,496	1,079,580	1,095,170	17,734	18,074	18,122	18,332	18,360	18,429	18,679
27	Durable goods.....	645,570	667,999	662,898	662,009	679,810	685,357	694,034	11,157	11,437	11,524	11,751	11,844	11,856	11,996
28	Non-durable goods.....	372,805	380,838	376,032	377,967	382,686	394,223	401,137	6,576	6,637	6,598	6,581	6,516	6,572	6,684
29	Wholesale trade.....	424,111	433,731	440,770	443,374	453,861	460,280	469,687	5,063	5,160	5,250	5,324	5,382	5,453	5,565
30	Retail trade.....	518,649	527,837	531,007	532,471	537,033	545,721	549,963	7,344	7,321	7,443	7,454	7,485	7,659	7,727
31	Transportation and warehousing.....	270,453	276,499	280,417	283,825	286,747	293,582	295,190	3,290	3,360	3,404	3,457	3,474	3,501	3,521
32	Information.....	293,937	297,770	294,347	298,563	302,803	302,894	304,121	1,835	1,881	1,828	1,808	1,806	1,775	1,782
33	Finance and insurance.....	630,639	663,300	647,643	649,100	665,193	712,621	692,361	5,035	5,224	5,296	5,568	5,666	5,412	5,419
34	Real estate and rental and leasing.....	200,288	205,560	202,933	196,243	200,035	203,874	202,742	1,780	1,755	1,735	1,708	1,774	1,772	1,762
35	Professional and technical services.....	759,542	784,975	795,894	809,511	832,457	850,192	872,476	7,470	7,880	8,005	8,129	8,145	8,436	8,650
36	Management of companies and enterprises.....	182,211	186,625	186,609	188,810	193,712	203,978	209,163	994	1,019	1,001	1,095	1,120	1,153	1,188
37	Administrative and waste services.....	303,041	312,493	313,759	316,449	323,850	331,452	335,059	3,068	3,057	3,024	3,037	3,077	3,103	3,133
38	Educational services.....	106,686	109,061	110,703	112,728	115,208	117,598	117,640	671	679	717	724	718	724	726
39	Health care and social assistance.....	754,023	768,046	780,605	788,278	805,451	820,635	837,257	9,334	9,490	9,635	9,837	9,918	10,054	10,245
40	Arts, entertainment, and recreation.....	83,754	85,556	86,383	87,018	89,531	90,936	93,225	411	423	426	434	447	442	446
41	Accommodation and food services.....	223,326	230,748	231,339	234,136	240,285	245,293	251,579	2,328	2,365	2,375	2,414	2,468	2,472	2,537
42	Other services, except public administration.....	234,880	237,418	240,765	242,054	246,863	251,260	255,014	3,213	3,256	3,271	3,293	3,362	3,482	3,524
43	Government and government enterprises.....	1,343,605	1,361,268	1,380,742	1,402,228	1,415,310	1,432,916	1,447,171	20,413	20,550	21,193	21,046	21,823	22,088	22,287
44	Federal, civilian.....	254,226	260,615	264,054	266,053	266,234	270,898	271,928	4,758	4,862	4,934	4,958	4,972	5,066	5,077
45	Military.....	133,670	137,322	138,467	140,637	140,406	143,060	144,031	2,147	2,158	2,147	2,158	2,142	2,190	2,201
46	State and local.....	955,709	963,331	978,221	995,538	1,008,670	1,018,958	1,031,213	13,508	13,530	14,112	13,929	14,709	14,832	15,010

See the footnotes at the end of the table.

and Earnings by Industry, 2005:IV-2007:II—Continues
 seasonally adjusted at annual rates]

Alaska					Arizona									Arkansas						Line	
2005	2006				2007		2005	2006				2007		2005	2006				2007		
IV'	I'	II'	III'	IV'	I'	II'	IV'	I'	II'	III'	IV'	I'	II'	IV'	I'	II'	III'	IV'	I'	II'	
24,884	25,192	25,848	25,995	26,480	26,888	27,154	186,324	192,840	194,569	199,083	201,544	206,814	209,191	76,628	78,295	79,581	80,458	81,470	83,501	84,823	1
20,890	20,984	21,515	21,497	22,038	22,237	22,418	140,814	147,190	146,967	150,510	152,493	155,729	157,132	55,406	56,310	56,780	57,031	57,798	58,912	59,847	2
2,037	2,087	2,138	2,133	2,194	2,229	2,246	15,596	16,451	16,398	16,847	17,089	17,553	17,691	6,476	6,656	6,696	6,717	6,808	6,950	7,032	3
977	1,004	1,029	1,027	1,053	1,071	1,079	8,114	8,593	8,564	8,788	8,902	9,164	9,241	3,418	3,532	3,560	3,571	3,618	3,701	3,746	4
1,060	1,083	1,110	1,106	1,141	1,158	1,167	7,482	7,858	7,834	8,059	8,188	8,390	8,450	3,058	3,124	3,136	3,146	3,190	3,249	3,286	5
-1,160	-1,192	-1,226	-1,212	-1,258	-1,275	-1,299	662	678	691	678	706	714	729	-363	-341	-337	-328	-318	-337	-342	6
17,493	17,704	18,150	18,152	18,586	18,732	18,872	125,881	131,417	131,260	134,342	136,110	138,889	140,171	48,568	49,313	49,747	49,985	50,672	51,625	52,473	7
3,789	3,752	3,900	3,968	3,984	4,094	4,208	32,086	32,023	33,156	33,756	34,002	34,874	35,786	12,550	12,806	13,328	13,594	13,692	14,079	14,473	8
3,602	3,736	3,799	3,876	3,911	4,062	4,074	28,357	29,399	30,154	30,986	31,432	33,050	33,234	15,511	16,176	16,505	16,879	17,107	17,796	17,877	9
99	98	92	94	89	93	90	253	223	232	255	267	279	297	240	237	247	269	307	293	302	10
3,503	3,638	3,707	3,781	3,822	3,969	3,984	28,104	29,176	29,922	30,731	31,166	32,771	32,937	15,271	15,939	16,258	16,610	16,800	17,503	17,575	11
14,006	14,238	14,582	14,587	15,023	15,178	15,326	103,064	108,021	107,652	110,744	112,649	115,213	116,455	39,055	39,848	40,062	40,208	40,864	41,523	42,125	12
4,312	4,341	4,466	4,476	4,572	4,597	4,612	22,381	23,230	23,196	23,951	24,128	24,538	24,779	10,013	10,132	10,232	10,272	10,352	10,467	10,614	13
3,252	3,258	3,357	3,370	3,431	3,438	3,444	14,900	15,373	15,362	15,892	15,941	16,149	16,329	6,955	7,008	7,096	7,126	7,163	7,217	7,328	14
1,060	1,083	1,110	1,106	1,141	1,158	1,167	7,482	7,858	7,834	8,059	8,188	8,390	8,450	3,058	3,124	3,136	3,146	3,190	3,249	3,286	15
2,372	2,404	2,466	2,433	2,443	2,462	2,480	15,369	15,939	16,119	15,815	15,715	15,977	15,898	6,338	6,330	6,486	6,551	6,582	6,922	7,108	16
2	1	1	1	1	4	3	278	64	74	89	103	249	179	706	681	696	815	851	1,121	1,266	17
2,370	2,403	2,465	2,432	2,442	2,458	2,478	15,091	15,875	16,045	15,726	15,612	15,729	15,719	5,633	5,669	5,790	5,735	5,731	5,801	5,842	18
14	14	14	14	14	17	15	753	568	584	602	617	767	702	975	904	943	1,066	1,103	1,375	1,522	19
20,676	20,970	21,501	21,483	22,024	22,220	22,403	140,062	146,622	146,383	149,908	151,876	154,962	156,431	54,431	55,406	55,836	55,965	56,696	57,538	58,325	20
13,967	14,212	14,603	14,442	14,894	15,078	15,322	117,103	122,531	123,218	124,402	127,471	129,537	130,666	44,206	44,759	45,148	45,101	45,847	46,495	47,156	21
221	213	220	221	219	216	217	436	450	465	479	495	486	481	499	500	511	510	534	542	539	22
1,379	1,413	1,542	1,578	1,658	1,700	1,729	837	887	970	975	1,087	1,102	1,150	469	514	561	591	629	681	702	23
211	214	212	215	216	217	222	1,293	1,285	1,361	1,342	1,372	1,444	1,483	686	596	684	628	673	674	691	24
1,747	1,764	1,787	1,717	1,759	1,758	1,786	13,554	14,788	14,564	14,528	14,411	14,286	14,122	3,294	3,229	3,271	3,240	3,280	3,338	3,348	25
801	798	822	784	816	787	804	13,857	14,604	14,390	14,604	15,384	14,550	14,727	9,449	9,553	9,453	9,351	9,463	9,577	9,717	26
161	159	159	161	168	177	180	11,654	12,341	12,136	12,286	13,064	12,209	12,329	5,183	5,265	5,191	5,145	5,199	5,274	5,328	27
640	639	664	603	648	610	624	2,202	2,263	2,254	2,319	2,320	2,341	2,399	4,266	4,288	4,262	4,206	4,264	4,304	4,390	28
393	406	416	407	420	425	430	7,405	7,577	7,845	7,937	8,202	8,504	8,723	2,821	2,867	2,881	2,926	2,961	3,013	3,075	29
1,313	1,345	1,335	1,331	1,356	1,379	1,387	11,537	12,051	12,151	12,308	12,449	12,538	12,690	3,684	3,734	3,823	3,844	3,899	3,916	3,942	30
1,368	1,335	1,433	1,382	1,453	1,489	1,513	4,345	4,540	4,637	4,614	4,691	5,009	4,893	3,257	3,334	3,376	3,379	3,432	3,422	3,444	31
460	474	468	464	483	477	475	2,996	3,266	3,071	3,187	3,268	3,235	3,262	1,576	1,594	1,599	1,613	1,628	1,636	1,645	32
662	697	705	684	700	729	733	10,118	10,593	10,239	10,336	10,266	10,800	10,722	2,129	2,263	2,210	2,224	2,220	2,317	2,323	33
365	376	371	353	352	359	359	5,517	5,599	5,429	5,353	5,436	5,465	5,454	872	899	891	871	872	889	884	34
1,132	1,142	1,189	1,199	1,245	1,274	1,309	10,795	11,279	11,658	11,878	12,299	12,674	13,277	2,742	2,811	2,848	2,892	2,909	2,958	3,039	35
87	116	101	106	107	110	114	1,767	1,814	1,846	2,026	2,068	2,390	2,150	2,074	2,007	2,049	2,006	2,066	2,027	2,093	36
506	520	534	540	575	589	596	8,250	8,502	8,632	8,684	9,042	9,126	9,174	1,500	1,496	1,491	1,478	1,485	1,519	1,537	37
105	107	109	112	112	113	113	1,516	1,549	1,588	1,594	1,595	1,640	1,653	324	332	340	352	356	372	371	38
1,842	1,891	1,919	1,931	1,952	1,974	2,022	13,114	13,616	13,998	14,252	14,691	15,137	15,473	5,749	5,858	5,947	5,959	6,111	6,239	6,361	39
186	183	196	192	193	191	195	1,386	1,513	1,598	1,485	1,654	1,656	1,723	274	283	281	280	301	300	305	40
672	688	709	711	732	732	756	4,753	4,888	4,984	5,035	5,175	5,351	5,481	1,230	1,281	1,287	1,302	1,350	1,374	1,413	41
517	531	536	535	546	560	561	3,628	3,732	3,792	3,785	3,885	3,944	4,027	1,577	1,607	1,644	1,656	1,677	1,701	1,724	42
6,709	6,758	6,898	7,041	7,130	7,143	7,080	22,959	24,091	23,165	25,507	24,405	25,425	25,765	10,225	10,647	10,688	10,863	10,849	11,043	11,169	43
1,519	1,545	1,552	1,557	1,555	1,590	1,585	4,485	4,597	4,644	4,681	4,679	4,743	4,827	1,742	1,796	1,817	1,844	1,861	1,893	1,890	44
1,875	1,978	2,043	2,121	2,179	2,215	2,147	2,190	2,210	2,206	2,234	2,223	2,270	2,279	1,005	1,013	995	991	973	976	1,000	45
3,314	3,235	3,303	3,363	3,396	3,337	3,348	16,285	17,284	16,316	18,592	17,503	18,412	18,659	7,478	7,837	7,876	8,028	8,014	8,173	8,279	46

Table 5. Personal Income by Major Source

[Millions of dollars,

Line	Item	California						Colorado								
		2005		2006			2007			2005		2006			2007	
		IV ¹	I ²	II ³	III ⁴	IV ⁵	I ⁶	II ⁷	IV ⁸	I ⁹	II ¹⁰	III ¹¹	IV ¹²	I ¹³	II ¹⁴	
Income by place of residence																
1	Personal income (lines 2-11).....	1,382,235	1,412,521	1,424,566	1,440,963	1,461,588	1,491,077	1,511,381	179,747	185,115	186,126	189,798	191,654	195,447	198,177	
Derivation of personal income																
2	Earnings by place of work (lines 12-18 or 19-46).....	1,088,901	1,117,014	1,115,185	1,124,777	1,144,345	1,161,799	1,174,992	145,604	150,350	149,623	152,723	154,541	157,023	158,960	
3	Less: Contributions for government social insurance ²	121,298	125,652	124,609	125,757	127,979	130,483	131,894	14,621	15,263	15,096	15,404	15,617	15,968	16,154	
4	Employee and self-employed contributions for government social insurance.....	60,855	63,239	62,646	63,077	64,052	65,436	66,167	7,200	7,577	7,516	7,704	7,811	8,002	8,099	
5	Employer contributions for government social insurance.....	60,442	62,413	61,962	62,680	63,926	65,047	65,727	7,421	7,686	7,580	7,700	7,806	7,966	8,054	
6	Plus: Adjustment for residence ³	-301	-281	-226	-240	-219	-208	-216	414	416	426	430	444	455	462	
7	Equals: Net earnings by place of residence.....	967,302	991,081	990,351	998,780	1,016,147	1,031,109	1,042,883	131,397	135,503	134,954	137,749	139,368	141,510	143,268	
8	Plus: Dividends, interest, and rent ⁴	242,600	242,420	252,000	256,536	257,794	265,029	272,630	30,693	31,362	32,559	33,038	33,060	33,928	34,831	
9	Plus: Personal current transfer receipts.....	172,333	179,020	182,215	185,647	187,648	194,939	195,867	17,656	18,250	18,614	19,011	19,226	20,009	20,078	
10	State unemployment insurance benefits.....	4,095	4,250	4,227	4,164	4,283	4,632	4,845	286	279	282	288	292	297	286	
11	Personal current transfer receipts excluding state unemployment insurance benefits.....	168,238	174,770	177,988	181,484	183,364	190,307	191,023	17,370	17,972	18,332	18,723	18,934	19,712	19,792	
Earnings by place of work																
Components of earnings:																
12	Wage and salary disbursements.....	753,257	777,805	773,697	783,735	800,874	812,870	823,841	99,088	103,010	101,987	104,648	106,446	108,336	109,907	
13	Supplements to wages and salaries.....	185,141	188,665	188,083	189,872	192,383	194,432	196,976	22,681	23,275	23,128	23,828	23,847	24,168	24,459	
14	Employer contributions for employee pension and insurance funds.....	124,699	126,252	126,120	127,192	128,457	129,385	131,250	15,259	15,589	15,548	16,128	16,041	16,202	16,404	
15	Employer contributions for government social insurance.....	60,442	62,413	61,962	62,680	63,926	65,047	65,727	7,421	7,686	7,580	7,700	7,806	7,966	8,054	
16	Proprietors' income ⁵	150,503	150,543	153,405	151,170	151,088	154,498	154,176	23,835	24,065	24,508	24,247	24,248	24,518	24,594	
17	Farm proprietors' income.....	3,352	621	1,070	1,207	1,508	3,373	2,427	83	23	-58	37	45	25	-23	
18	Nonfarm proprietors' income.....	147,151	149,922	152,335	149,963	149,580	151,125	151,748	23,752	24,042	24,566	24,210	24,203	24,493	24,617	
Earnings by industry																
19	Farm earnings.....	9,185	7,014	7,498	7,649	7,944	9,863	8,975	573	465	392	493	502	487	443	
20	Nonfarm earnings.....	1,079,716	1,110,000	1,107,687	1,117,128	1,136,401	1,151,936	1,166,017	145,031	149,884	149,232	152,230	154,039	156,536	158,517	
21	Private earnings.....	907,638	932,998	929,569	935,433	953,518	965,428	977,024	122,168	126,563	126,396	127,928	129,930	132,161	133,861	
22	Forestry, fishing, related activities, and other ⁶	6,426	6,439	6,118	6,584	6,693	6,815	6,757	206	215	220	221	222	231	230	
23	Mining.....	3,591	3,941	4,350	4,524	4,777	4,779	4,896	3,480	3,877	4,201	4,178	4,519	4,817	5,006	
24	Utilities.....	11,615	11,828	12,135	11,725	12,167	11,973	12,242	1,056	1,070	1,120	1,857	1,005	1,110	1,141	
25	Construction.....	79,520	79,655	79,886	79,566	79,603	79,728	79,678	12,107	12,258	12,423	12,150	12,090	11,960	11,948	
26	Manufacturing.....	127,708	134,161	130,103	128,953	133,653	135,117	137,015	11,603	11,607	11,579	11,566	11,618	11,912	11,767	
27	Durable goods.....	88,249	94,812	91,105	88,911	92,642	92,811	93,815	8,130	8,175	8,150	8,158	8,143	8,193	8,221	
28	Nondurable goods.....	39,459	39,349	38,999	40,042	41,012	42,306	43,200	3,474	3,433	3,429	3,407	3,476	3,719	3,545	
29	Wholesale trade.....	52,669	53,999	55,093	55,563	57,646	57,749	58,930	7,118	7,328	7,499	7,548	7,807	8,087	8,249	
30	Retail trade.....	71,148	72,432	71,693	72,638	73,229	73,919	74,361	8,419	8,584	8,657	8,637	8,792	8,962	9,057	
31	Transportation and warehousing.....	30,468	31,548	31,849	32,516	32,462	32,894	33,194	4,019	4,249	4,240	4,480	4,319	4,343	4,404	
32	Information.....	56,393	56,691	55,211	55,617	56,615	56,104	56,268	10,946	11,789	11,123	11,133	11,539	11,348	11,461	
33	Finance and insurance.....	80,141	80,130	80,538	80,070	81,174	81,192	80,863	10,279	10,810	10,659	10,501	10,747	10,894	10,875	
34	Real estate and rental and leasing.....	33,962	36,005	35,482	33,777	34,378	35,021	34,737	5,375	5,325	5,246	5,041	5,126	5,180	5,150	
35	Professional and technical services.....	119,429	126,050	126,299	128,589	132,241	134,906	138,226	16,669	17,242	17,523	17,955	18,672	19,116	19,708	
36	Management of companies and enterprises.....	20,893	22,530	21,364	21,200	20,904	22,843	23,367	2,859	3,265	3,057	3,305	3,404	3,646	3,750	
37	Administrative and waste services.....	40,366	41,857	42,146	42,595	43,611	44,352	44,861	5,627	5,914	5,840	5,878	6,080	6,130	6,192	
38	Educational services.....	12,071	12,241	12,444	12,726	12,963	13,180	13,137	1,254	1,277	1,315	1,318	1,354	1,387	1,389	
39	Health care and social assistance.....	84,560	86,559	87,159	89,363	90,695	92,299	94,143	10,564	10,838	10,852	11,155	11,272	11,566	11,807	
40	Arts, entertainment, and recreation.....	16,662	16,587	16,712	17,377	17,274	17,811	18,279	1,899	2,010	1,888	1,952	2,086	2,001	2,057	
41	Accommodation and food services.....	29,710	30,182	30,267	30,942	31,801	32,639	33,514	4,361	4,486	4,486	4,559	4,692	4,794	4,910	
42	Other services, except public administration.....	30,308	30,163	30,719	31,107	31,632	32,109	32,556	4,324	4,418	4,467	4,495	4,582	4,675	4,759	
43	Government and government enterprises.....	172,078	177,002	178,118	181,695	182,884	186,509	188,993	22,863	23,322	22,835	24,302	24,108	24,376	24,656	
44	Federal, civilian.....	22,635	23,004	23,162	23,179	23,129	23,379	23,619	4,851	4,945	5,022	5,074	5,045	5,165	5,188	
45	Military.....	14,660	15,138	15,264	15,523	15,465	15,861	16,050	3,238	3,301	3,285	3,273	3,238	3,288	3,350	
46	State and local.....	134,783	138,859	139,691	142,994	144,290	147,269	149,324	14,774	15,075	14,528	15,955	15,826	15,923	16,118	

See the footnotes at the end of the table.

and Earnings by Industry, 2005:IV-2007:II¹—Continues
 seasonally adjusted at annual rates]

Connecticut							Delaware							District of Columbia							Line
2005	2006				2007		2005	2006				2007		2005	2006				2007		
IV ^r	I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p	IV ^r	I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p	IV ^r	I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p	
170,946	176,270	176,845	177,893	180,981	187,829	188,663	32,359	33,031	33,199	33,710	33,148	34,856	35,159	31,779	32,802	33,124	33,596	33,901	34,793	35,264	1
130,996	134,291	133,380	133,400	136,166	141,537	141,655	28,111	28,239	28,161	28,396	27,376	29,217	29,320	66,388	68,389	68,407	69,619	70,186	72,001	72,697	2
12,935	13,382	13,239	13,234	13,519	14,173	14,152	3,016	3,052	3,055	3,072	2,950	3,175	3,173	6,182	6,441	6,414	6,542	6,585	6,791	6,840	3
6,685	6,966	6,895	6,900	7,047	7,411	7,395	1,549	1,578	1,576	1,588	1,523	1,641	1,642	2,978	3,119	3,112	3,168	3,188	3,297	3,321	4
6,250	6,416	6,344	6,334	6,472	6,761	6,757	1,467	1,475	1,479	1,484	1,427	1,534	1,531	3,204	3,322	3,302	3,375	3,397	3,495	3,519	5
4,438	5,099	4,941	5,092	5,426	6,058	5,840	-2,439	-2,353	-2,393	-2,317	-2,089	-2,368	-2,343	-36,685	-37,729	-37,699	-38,461	-38,697	-39,686	-40,014	6
122,499	126,008	125,081	125,258	128,073	133,422	133,342	22,656	22,834	22,712	23,006	22,337	23,674	23,805	23,521	24,219	24,295	24,616	24,905	25,524	25,843	7
29,239	30,193	31,389	31,912	32,003	32,854	33,708	5,223	5,479	5,658	5,763	5,817	5,962	6,119	4,457	4,790	4,956	5,069	5,059	5,197	5,334	8
19,209	20,069	20,375	20,723	20,904	21,553	21,613	4,480	4,718	4,828	4,941	4,994	5,220	5,236	3,801	3,792	3,833	3,911	3,938	4,072	4,087	9
516	523	523	540	542	532	525	109	91	101	106	101	112	106	59	69	51	63	54	59	60	10
18,692	19,546	19,852	20,183	20,362	21,020	21,088	4,371	4,627	4,727	4,835	4,893	5,107	5,129	3,742	3,723	3,783	3,848	3,883	4,014	4,027	11
92,483	95,309	94,265	94,520	96,899	101,254	101,265	20,699	20,808	20,734	20,902	20,105	21,521	21,581	48,772	50,419	50,168	51,086	51,559	52,976	53,486	12
20,834	21,122	20,902	20,923	21,258	22,030	22,041	4,671	4,669	4,636	4,710	4,501	4,792	4,805	13,286	13,637	13,772	14,096	14,135	14,438	14,544	13
14,584	14,706	14,558	14,589	14,786	15,268	15,283	3,205	3,195	3,157	3,225	3,074	3,258	3,274	10,082	10,314	10,470	10,721	10,738	10,944	11,026	14
6,250	6,416	6,344	6,334	6,472	6,761	6,757	1,467	1,475	1,479	1,484	1,427	1,534	1,531	3,204	3,322	3,302	3,375	3,397	3,495	3,519	15
17,678	17,861	18,213	17,957	18,010	18,253	18,350	2,740	2,762	2,791	2,785	2,771	2,905	2,934	4,330	4,334	4,467	4,437	4,492	4,587	4,666	16
16	-7	0	2	6	23	6	202	169	149	183	188	291	294	0	0	0	0	0	0	0	17
17,662	17,867	18,213	17,955	18,003	18,231	18,344	2,536	2,593	2,642	2,601	2,583	2,614	2,640	4,330	4,334	4,467	4,437	4,492	4,587	4,666	18
144	125	132	135	139	156	140	238	206	186	221	225	329	332	0	0	0	0	0	0	0	19
130,852	134,166	133,248	133,265	136,027	141,381	141,515	27,873	28,034	27,974	28,175	27,151	28,888	28,988	66,388	68,389	68,407	69,619	70,186	72,001	72,697	20
114,923	117,774	117,161	116,491	119,238	124,257	124,214	24,076	23,913	24,340	23,873	23,189	24,630	24,679	39,051	40,377	40,415	41,101	41,665	42,775	43,361	21
47	48	48	47	51	52	51	19	22	20	21	21	21	21	977	936	933	953	961	955	945	22
189	222	238	242	257	255	263	(D)	31	33	33	33	32	33	(D)	9	10	11	11	11	11	23
1,327	1,279	1,220	1,202	1,245	1,426	1,350	263	274	273	263	254	251	257	296	285	270	317	297	304	313	24
6,914	6,996	7,059	6,983	7,133	7,176	7,164	(D)	2,007	2,020	1,993	1,909	1,875	1,888	(D)	833	935	875	900	853	858	25
18,438	18,771	18,832	19,003	19,348	19,671	19,986	2,716	2,807	2,773	2,782	2,860	2,917	2,968	206	186	184	183	213	200	204	26
12,902	13,053	13,186	13,223	13,618	13,878	14,055	1,241	1,318	1,317	1,336	1,341	1,348	1,366	85	77	72	72	89	55	56	27
5,537	5,718	5,646	5,781	5,730	5,793	5,931	1,475	1,489	1,456	1,447	1,519	1,569	1,602	120	109	112	111	124	145	148	28
6,333	6,672	6,548	6,707	6,624	6,804	6,956	1,250	1,307	1,495	1,369	1,307	1,345	1,373	492	481	485	483	507	532	541	29
7,852	7,893	8,136	7,883	7,843	8,152	8,226	1,702	1,716	1,737	1,718	1,754	1,757	1,770	644	657	654	679	673	694	695	30
2,511	2,577	2,585	2,607	2,757	2,758	2,778	614	609	625	624	633	643	646	350	353	358	361	353	361	359	31
3,727	3,804	3,851	3,742	3,877	3,948	3,966	504	531	502	536	538	541	543	2,678	2,666	2,638	2,697	2,760	2,693	2,712	32
22,384	23,373	21,794	21,146	22,996	24,540	23,166	4,917	4,385	4,437	4,120	3,467	4,476	4,180	2,453	2,765	2,492	2,737	2,776	3,009	3,034	33
2,960	2,920	2,866	2,747	2,769	2,915	2,806	493	500	503	490	486	492	492	1,105	1,134	1,128	1,305	1,097	1,191	1,175	34
12,157	12,562	12,654	12,866	13,146	13,705	14,031	3,138	3,064	3,147	3,111	3,166	3,243	3,324	15,075	15,919	15,693	16,031	16,295	16,536	16,906	35
4,101	4,136	4,463	4,287	4,123	4,514	4,666	1,004	1,034	1,225	1,121	1,046	1,126	1,162	310	323	319	229	246	413	284	36
3,990	4,121	4,226	4,172	4,313	4,437	4,500	855	875	875	887	905	924	936	1,857	1,873	1,947	1,977	2,088	2,138	2,191	37
2,635	2,724	2,712	2,826	2,885	2,957	2,965	257	273	270	282	272	262	262	2,058	2,130	2,111	2,177	2,173	2,228	2,222	38
12,756	12,965	13,162	13,230	13,555	13,857	14,113	2,657	2,727	2,681	2,789	2,764	2,915	2,975	3,275	3,311	3,340	3,407	3,547	3,640	3,714	39
992	1,012	1,009	1,020	1,057	1,086	271	289	279	286	281	292	299	309	418	519	455	421	430	433	40	
2,435	2,525	2,536	2,539	2,620	2,689	2,748	658	685	670	674	713	726	743	1,668	1,700	1,700	1,706	1,735	1,778	1,834	41
3,175	3,174	3,220	3,252	3,278	3,342	3,394	746	775	776	773	781	793	806	4,382	4,397	4,497	4,518	4,611	4,810	4,929	42
15,929	16,392	16,087	16,774	16,789	17,124	17,301	3,797	4,121	3,634	4,302	3,962	4,258	4,310	27,336	28,013	27,992	28,518	28,521	29,225	29,336	43
1,667	1,709	1,730	1,742	1,747	1,770	1,771	422	438	443	433	442	453	459	22,583	23,048	23,243	23,511	23,515	24,091	24,144	44
878	918	948	926	937	936	940	445	441	433	429	426	427	430	2,040	2,063	2,064	2,075	2,044	2,076	2,103	45
13,384	13,765	13,408	14,106	14,105	14,418	14,591	2,930	3,241	2,758	3,440	3,094	3,378	3,421	2,714	2,902	2,685	2,932	2,962	3,059	3,090	46

Table 5. Personal Income by Major Source

[Millions of dollars,

Line	Item	Florida							Georgia						
		2005		2006			2007		2005		2006			2007	
		IV'	I'	II'	III'	IV'	I'	II'	IV'	I'	II'	III'	IV'	I'	II'
Income by place of residence															
1	Personal income (lines 2-11).....	635,237	649,242	657,763	669,342	676,695	690,106	701,386	291,712	294,930	297,845	301,001	305,763	315,344	318,921
Derivation of personal income															
2	Earnings by place of work (lines 12-18 or 19-46).....	416,293	431,577	431,578	437,903	442,405	447,207	453,672	235,292	238,392	239,044	240,869	245,473	253,324	255,737
3	Less: Contributions for government social insurance ²	47,279	49,388	49,253	50,037	50,564	51,421	52,111	24,594	25,146	25,152	25,367	25,869	26,875	27,068
4	Employee and self-employed contributions for government social insurance.....	25,321	26,594	26,553	26,979	27,249	27,765	28,153	12,785	13,147	13,169	13,279	13,536	14,080	14,189
5	Employer contributions for government social insurance.....	21,958	22,794	22,700	23,059	23,315	23,656	23,958	11,809	12,000	11,983	12,088	12,334	12,795	12,879
6	Plus: Adjustment for residence ³	1,691	1,723	1,722	1,734	1,787	1,873	1,877	-959	-920	-897	-913	-926	-1,042	-1,039
7	Equals: Net earnings by place of residence.....	370,704	383,912	384,047	389,600	393,628	397,658	403,439	209,738	212,326	212,995	214,589	218,678	225,407	227,629
8	Plus: Dividends, interest, and rent ⁴	161,781	163,606	169,910	173,693	175,754	180,624	185,572	43,250	42,931	44,411	45,098	45,270	46,394	47,588
9	Plus: Personal current transfer receipts.....	102,751	101,725	103,806	106,049	107,312	111,823	112,375	38,723	39,673	40,439	41,315	41,815	43,542	43,704
10	State unemployment insurance benefits.....	837	752	797	826	897	1,006	1,104	549	547	546	567	601	609	593
11	Personal current transfer receipts excluding state unemployment insurance benefits.....	101,914	100,973	103,009	105,223	106,416	110,818	111,271	38,175	39,126	39,893	40,748	41,214	42,933	43,111
Earnings by place of work															
Components of earnings:															
12	Wage and salary disbursements.....	309,458	321,318	320,483	326,159	330,633	334,713	340,175	168,826	171,640	171,763	173,497	177,509	183,448	185,300
13	Supplements to wages and salaries.....	68,313	70,009	70,004	71,445	71,746	72,373	73,370	39,985	40,383	40,545	40,997	41,585	42,700	43,138
14	Employer contributions for employee pension and insurance funds.....	46,355	47,215	47,304	48,387	48,431	48,717	49,412	28,176	28,383	28,562	28,909	29,252	29,905	30,259
15	Employer contributions for government social insurance.....	21,958	22,794	22,700	23,059	23,315	23,656	23,958	11,809	12,000	11,983	12,088	12,334	12,795	12,879
16	Proprietors' income ⁵	38,521	40,250	41,090	40,298	40,025	40,121	40,128	26,480	26,369	26,735	26,375	26,379	27,175	27,298
17	Farm proprietors' income.....	43	80	217	143	148	145	-6	1,490	1,122	1,022	1,078	1,072	1,543	1,502
18	Nonfarm proprietors' income.....	38,478	40,170	40,873	40,155	39,877	39,976	40,134	24,990	25,248	25,714	25,297	25,307	25,633	25,796
Earnings by industry															
19	Farm earnings.....	1,230	1,404	1,554	1,488	1,495	1,503	1,365	1,896	1,445	1,351	1,412	1,408	1,882	1,844
20	Nonfarm earnings.....	415,062	430,174	430,024	436,415	440,910	445,704	452,307	233,396	236,947	237,692	239,457	244,065	251,442	253,893
21	Private earnings.....	348,607	361,484	363,396	364,556	370,225	372,665	378,717	193,200	196,108	196,327	197,412	201,566	208,239	210,118
22	Forestry, fishing, related activities, and other ⁶	1,658	1,690	1,681	1,750	1,716	1,632	1,618	756	772	800	791	804	821	815
23	Mining.....	658	690	742	785	777	843	866	603	617	650	651	663	714	732
24	Utilities.....	3,150	2,955	3,109	2,840	2,955	2,937	3,015	3,034	3,097	3,025	3,087	3,041	3,085	3,153
25	Construction.....	36,469	37,701	38,650	38,666	38,378	36,801	37,182	14,834	14,701	15,095	14,920	15,354	15,582	15,696
26	Manufacturing.....	25,329	26,473	26,228	26,389	26,807	26,548	26,954	26,656	28,450	27,091	27,394	27,892	28,226	28,749
27	Durable goods.....	17,578	18,550	18,360	18,432	18,754	18,341	18,597	12,901	14,033	13,274	13,597	13,970	13,708	13,921
28	Non-durable goods.....	7,751	7,923	7,869	7,957	8,053	8,207	8,358	13,755	14,418	13,817	13,797	13,922	14,518	14,827
29	Wholesale trade.....	23,657	24,112	24,628	24,902	25,296	25,552	26,103	16,213	16,512	16,845	16,773	17,285	17,501	17,880
30	Retail trade.....	32,999	34,240	34,378	34,320	34,410	34,437	34,734	14,922	15,269	15,467	15,613	15,874	16,105	16,272
31	Transportation and warehousing.....	12,995	13,179	13,453	13,433	13,549	13,791	13,844	9,937	9,931	9,956	10,112	10,193	10,537	10,606
32	Information.....	13,698	13,658	13,665	13,465	13,702	13,414	13,451	12,257	12,387	12,225	12,382	12,849	13,623	13,197
33	Finance and insurance.....	29,625	30,622	30,460	30,565	31,142	31,663	31,776	14,651	15,097	15,483	15,319	15,517	16,345	16,374
34	Real estate and rental and leasing.....	13,457	14,297	14,050	13,486	13,675	13,698	13,687	5,825	6,075	6,029	6,015	6,052	6,166	6,150
35	Professional and technical services.....	36,878	38,384	38,721	39,302	40,510	41,352	42,507	20,138	20,516	21,117	21,549	22,137	22,896	23,488
36	Management of companies and enterprises.....	7,116	7,348	7,524	6,977	7,610	7,829	8,071	7,415	5,471	5,283	4,943	4,764	6,436	5,910
37	Administrative and waste services.....	26,546	29,158	28,545	28,874	28,941	29,578	30,046	10,551	10,603	10,752	10,686	11,049	11,267	11,391
38	Educational services.....	4,335	4,486	4,518	4,640	4,707	4,835	4,881	2,620	2,854	2,871	2,972	3,076	3,103	3,107
39	Health care and social assistance.....	41,837	43,156	43,740	44,417	45,504	46,271	47,358	18,257	18,771	18,707	19,162	19,562	20,169	20,580
40	Arts, entertainment, and recreation.....	7,543	7,930	7,814	7,807	8,004	8,361	8,690	1,686	1,664	1,693	1,698	1,769	1,822	1,861
41	Accommodation and food services.....	16,326	16,803	16,786	17,036	17,354	17,667	18,228	6,438	6,783	6,685	6,818	6,929	7,077	7,268
42	Other services, except public administration.....	14,331	14,603	14,703	14,901	15,187	15,455	15,706	6,409	6,538	6,554	6,527	6,758	6,763	6,889
43	Government and government enterprises.....	66,455	68,689	66,628	71,859	70,685	73,039	73,590	40,195	40,839	41,365	42,044	42,499	43,204	43,775
44	Federal, civilian.....	11,276	11,563	11,803	11,905	11,953	12,098	12,053	8,494	8,706	8,828	8,887	8,940	9,233	9,293
45	Military.....	7,182	7,530	7,624	7,740	7,707	7,803	7,741	6,936	7,120	7,120	7,169	7,195	7,401	7,544
46	State and local.....	47,997	49,596	47,200	52,214	51,025	53,137	53,796	24,765	25,013	25,417	25,987	26,364	26,570	26,939

See the footnotes at the end of the table.

and Earnings by Industry, 2005:IV-2007:II¹—Continues
 seasonally adjusted at annual rates]

Hawaii							Idaho							Illinois							Line
2005	2006				2007		2005	2006				2007		2005	2006				2007		
IV ^a	I ^a	II ^a	III ^a	IV ^a	I ^a	II ^a	IV ^a	I ^a	II ^a	III ^a	IV ^a	I ^a	II ^a	IV ^a	I ^a	II ^a	III ^a	IV ^a	I ^a	II ^a	
45,455	46,181	46,988	47,819	48,370	49,349	50,069	41,433	42,717	43,777	43,993	45,182	46,384	46,818	471,729	483,025	489,447	492,904	500,312	511,555	516,949	1
36,293	36,979	37,414	38,057	38,554	39,172	39,689	30,556	31,619	32,365	32,254	33,471	34,220	34,447	371,621	381,789	384,414	385,684	393,165	400,920	404,412	2
3,741	3,846	3,878	3,947	3,999	4,091	4,144	3,460	3,641	3,720	3,707	3,862	3,936	3,978	40,212	41,510	41,507	41,560	42,288	43,294	43,609	3
1,907	1,968	1,983	2,016	2,039	2,088	2,115	1,694	1,788	1,827	1,816	1,890	1,928	1,949	19,946	20,776	20,892	20,990	21,394	21,936	22,104	4
1,834	1,878	1,895	1,931	1,960	2,003	2,029	1,766	1,853	1,893	1,891	1,972	2,009	2,029	20,266	20,733	20,615	20,571	20,894	21,359	21,505	5
0	0	0	0	0	0	0	677	692	690	730	728	738	756	-1,653	-1,748	-1,768	-1,819	-1,875	-1,913	-1,906	6
32,552	33,134	33,537	34,110	34,556	35,081	35,545	27,772	28,671	29,336	29,277	30,337	31,021	31,226	329,756	338,531	341,139	342,304	349,002	355,713	358,896	7
7,161	7,263	7,551	7,688	7,725	7,944	8,176	7,524	7,642	7,908	8,035	8,073	8,271	8,477	79,766	82,990	85,852	87,011	87,087	89,133	91,232	8
5,742	5,784	5,900	6,021	6,089	6,324	6,349	6,137	6,405	6,533	6,681	6,772	7,091	7,115	62,206	61,504	62,455	63,588	64,223	66,708	66,821	9
82	85	92	94	98	96	97	123	123	112	108	117	135	127	1,685	1,650	1,574	1,591	1,625	1,892	1,777	10
5,660	5,699	5,808	5,927	5,991	6,227	6,252	6,014	6,281	6,422	6,574	6,655	6,957	6,988	60,521	59,854	60,881	61,997	62,598	64,816	65,044	11
25,965	26,512	26,724	27,234	27,662	28,148	28,575	20,842	21,778	22,271	22,204	23,211	23,522	23,838	267,500	275,272	276,322	277,923	284,221	289,528	292,424	12
7,323	7,411	7,556	7,729	7,784	7,887	7,965	5,123	5,281	5,465	5,420	5,638	5,677	5,743	61,889	63,019	63,747	64,257	65,352	66,319	66,972	13
5,489	5,533	5,662	5,798	5,824	5,884	5,936	3,357	3,429	3,572	3,529	3,666	3,668	3,715	41,424	42,285	43,133	43,686	44,458	44,961	45,467	14
1,834	1,878	1,895	1,931	1,960	2,003	2,029	1,766	1,853	1,893	1,891	1,972	2,009	2,029	20,266	20,733	20,615	20,571	20,894	21,359	21,505	15
3,005	3,056	3,134	3,094	3,108	3,137	3,148	4,591	4,560	4,629	4,630	4,621	5,021	4,866	42,432	43,498	44,344	43,504	43,593	45,072	45,015	16
-1	-8	3	3	9	-11	-22	328	116	116	184	199	495	314	252	547	653	514	578	1,491	1,046	17
3,007	3,064	3,130	3,091	3,099	3,148	3,170	4,263	4,444	4,513	4,446	4,423	4,526	4,552	42,179	42,951	43,692	42,990	43,014	43,582	43,970	18
215	207	220	221	227	209	200	823	644	650	722	738	1,039	863	739	966	1,076	941	1,006	1,922	1,481	19
36,079	36,773	37,194	37,836	38,327	38,963	39,488	29,733	30,975	31,715	31,532	32,733	33,181	33,584	370,882	380,823	383,338	384,743	392,159	398,998	402,931	20
24,614	25,117	25,268	25,566	25,993	26,504	27,053	24,016	25,335	25,635	25,923	26,805	27,330	27,676	321,377	330,492	332,133	332,752	338,989	345,507	348,933	21
54	55	54	48	54	50	49	391	407	408	405	411	409	406	367	372	365	371	379	380	379	22
53	53	51	54	55	57	60	163	172	223	171	215	219	225	2,356	2,582	2,799	2,866	2,946	3,035	3,128	23
308	302	323	320	316	316	327	245	253	258	255	266	262	267	3,258	3,485	3,296	3,316	3,361	3,470	3,559	24
2,819	2,783	2,885	2,912	3,053	3,238	3,331	2,646	2,943	2,925	2,902	2,869	3,157	3,131	22,826	24,567	23,911	23,138	23,071	22,844	22,930	25
945	960	967	987	998	1,036	1,062	3,800	4,098	3,921	4,275	4,405	4,413	4,454	50,329	51,693	51,600	51,327	52,416	53,534	54,367	26
351	356	353	369	373	396	405	2,618	2,852	2,698	2,994	3,113	3,077	3,095	30,589	31,724	31,447	31,191	32,126	32,380	32,712	27
595	604	614	618	625	640	657	1,182	1,246	1,224	1,281	1,293	1,336	1,359	19,740	19,969	20,153	20,135	20,290	21,154	21,655	28
1,044	1,025	1,068	1,087	1,109	1,120	1,150	1,431	1,482	1,481	1,480	1,552	1,587	1,617	23,583	24,046	24,590	24,523	25,116	25,455	25,937	29
2,347	2,416	2,417	2,446	2,451	2,496	2,539	2,641	2,710	2,836	2,757	2,970	2,933	2,971	20,366	20,671	20,995	20,828	21,155	21,169	21,314	30
1,511	1,530	1,519	1,551	1,577	1,632	1,630	951	985	1,011	1,027	1,045	1,071	1,080	14,932	15,589	15,805	16,205	15,914	16,251	16,340	31
717	745	771	722	759	722	716	500	521	514	539	532	535	537	10,795	10,809	10,788	10,483	11,014	11,187	11,191	32
1,256	1,328	1,316	1,282	1,270	1,279	1,292	1,390	1,454	1,478	1,459	1,472	1,499	1,506	34,161	35,642	35,261	35,307	35,743	38,192	37,286	33
1,085	1,099	1,095	1,056	1,054	1,092	1,097	634	606	616	601	605	617	615	9,424	9,998	9,248	9,099	9,684	10,342	9,960	34
2,188	2,208	2,275	2,258	2,304	2,322	2,370	2,838	3,024	3,026	3,095	3,173	3,181	3,268	42,434	43,370	44,217	44,808	45,919	45,449	46,568	35
614	625	620	662	612	669	688	612	691	839	730	883	902	932	10,767	10,957	11,251	11,710	11,942	12,262	12,668	36
1,522	1,578	1,592	1,628	1,672	1,599	1,639	1,109	1,186	1,159	1,208	1,231	1,254	1,275	14,648	14,787	15,104	15,335	15,521	15,944	16,202	37
497	508	516	520	533	537	541	253	237	246	259	269	281	280	5,354	5,528	5,579	5,757	5,987	6,024	5,961	38
3,055	3,180	3,076	3,239	3,257	3,361	3,438	2,678	2,745	2,830	2,883	2,997	3,038	3,101	32,180	32,694	32,931	33,565	34,206	34,778	35,485	39
415	419	417	428	454	444	454	230	265	279	263	260	293	298	3,506	3,283	3,442	3,371	3,322	3,487	3,557	40
3,065	3,169	3,153	3,200	3,277	3,329	3,440	766	794	808	828	852	866	887	8,827	9,135	9,311	9,210	9,477	9,660	9,901	41
1,120	1,134	1,154	1,164	1,188	1,204	1,229	738	762	778	786	797	814	825	11,264	11,284	11,640	11,535	11,815	12,045	12,198	42
11,464	11,656	11,926	12,270	12,334	12,459	12,436	5,716	5,640	6,080	5,609	5,927	5,850	5,908	49,505	50,331	51,204	51,990	53,170	53,491	53,997	43
2,713	2,781	2,827	2,833	2,858	2,925	2,911	1,056	1,088	1,091	1,112	1,105	1,137	1,142	7,985	8,142	8,182	8,190	8,200	8,297	8,273	44
4,195	4,322	4,451	4,626	4,637	4,717	4,723	517	535	530	533	529	536	536	2,802	2,892	2,939	2,878	2,892	3,083	3,148	45
4,556	4,553	4,648	4,811	4,839	4,818	4,802	4,143	4,017	4,458	3,965	4,294	4,177	4,230	38,719	39,297	40,083	40,922	42,079	42,112	42,576	46

Table 5. Personal Income by Major Source
[Millions of dollars,

Line	Item	Indiana						Iowa							
		2005	2006			2007		2005	2006			2007			
		IV ¹	I ²	II ³	III ⁴	IV ⁵	I ⁶	II ⁷	IV ⁸	I ⁹	II ¹⁰	III ¹¹	IV ¹²	I ¹³	II ¹⁴
Income by place of residence															
1	Personal income (lines 2–11).....	196,147	201,149	202,535	204,213	205,933	211,452	213,816	94,728	97,111	98,073	98,586	100,064	102,926	103,927
Derivation of personal income															
2	Earnings by place of work (lines 12–18 or 19–46).....	149,657	153,141	152,934	153,349	154,886	158,844	160,579	71,934	73,271	73,572	73,659	75,146	77,251	77,989
3	Less: Contributions for government social insurance ²	16,687	17,223	17,147	17,182	17,344	17,790	17,982	8,223	8,486	8,540	8,551	8,743	8,873	8,965
4	Employee and self-employed contributions for government social insurance.....	8,695	9,040	9,027	9,057	9,145	9,399	9,505	4,355	4,513	4,545	4,546	4,644	4,723	4,775
5	Employer contributions for government social insurance.....	7,993	8,183	8,120	8,126	8,199	8,391	8,476	3,868	3,974	3,994	4,005	4,098	4,150	4,190
6	Plus: Adjustment for residence ³	4,028	4,108	4,177	4,209	4,316	4,399	4,436	843	855	879	867	886	909	916
7	Equals: Net earnings by place of residence.....	136,997	140,025	139,964	140,376	141,858	145,453	147,034	64,555	65,639	65,912	65,974	67,290	69,286	69,940
8	Plus: Dividends, interest, and rent ⁴	28,834	29,562	30,424	30,815	30,901	31,553	32,246	15,864	16,191	16,617	16,786	16,793	17,093	17,395
9	Plus: Personal current transfer receipts.....	30,315	31,562	32,146	33,022	33,173	34,446	34,536	14,309	15,281	15,545	15,826	15,981	16,547	16,593
10	State unemployment insurance benefits.....	646	652	658	907	720	745	707	307	299	311	318	325	348	337
11	Personal current transfer receipts excluding state unemployment insurance benefits.....	29,669	30,910	31,488	32,116	32,453	33,701	33,829	14,002	14,982	15,235	15,508	15,656	16,199	16,255
Earnings by place of work															
Components of earnings:															
12	Wage and salary disbursements.....	107,461	110,312	109,892	110,315	111,724	114,084	115,645	51,216	52,413	52,683	52,741	54,049	54,614	55,335
13	Supplements to wages and salaries.....	27,286	27,754	27,700	27,860	27,941	28,427	28,785	12,545	12,702	12,827	12,877	13,105	13,180	13,344
14	Employer contributions for employee pension and insurance funds.....	19,293	19,570	19,580	19,734	19,742	20,036	20,309	8,676	8,728	8,833	8,872	9,006	9,030	9,154
15	Employer contributions for government social insurance.....	7,993	8,183	8,120	8,126	8,199	8,391	8,476	3,868	3,974	3,994	4,005	4,098	4,150	4,190
16	Proprietors' income ⁵	14,910	15,075	15,342	15,174	15,221	16,333	16,149	8,174	8,157	8,062	8,041	7,992	9,457	9,310
17	Farm proprietors' income.....	338	409	394	366	394	1,379	1,027	1,669	1,497	1,304	1,392	1,371	2,760	2,577
18	Nonfarm proprietors' income.....	14,572	14,666	14,948	14,808	14,827	14,953	15,122	6,505	6,660	6,758	6,649	6,621	6,697	6,734
Earnings by industry															
19	Farm earnings.....	665	718	706	681	710	1,698	1,349	2,113	1,902	1,713	1,804	1,784	3,176	2,997
20	Nonfarm earnings.....	148,992	152,423	152,228	152,669	154,176	157,146	159,230	69,821	71,370	71,859	71,855	73,362	74,075	74,992
21	Private earnings.....	128,749	131,825	131,481	131,462	132,911	135,731	137,596	57,964	59,353	59,822	59,491	60,941	61,503	62,285
22	Forestry, fishing, related activities, and other ⁶	210	210	211	210	218	221	221	255	259	254	249	274	280	278
23	Mining.....	761	799	854	869	892	911	936	161	166	176	173	174	201	208
24	Utilities.....	1,737	1,713	1,779	1,701	1,713	1,728	1,774	829	721	831	735	777	830	851
25	Construction.....	9,989	9,921	9,842	9,745	10,090	9,979	10,177	4,651	4,999	4,899	4,793	4,793	4,850	4,797
26	Manufacturing.....	39,597	41,183	40,001	40,260	40,060	41,604	42,226	13,729	14,144	13,897	14,014	14,423	14,529	14,757
27	Durable goods.....	28,838	29,746	29,183	29,035	28,983	29,982	30,369	8,631	8,963	8,730	8,803	9,164	9,215	9,325
28	Nondurable goods.....	10,760	11,436	10,818	11,225	11,078	11,623	11,857	5,098	5,181	5,167	5,211	5,258	5,315	5,432
29	Wholesale trade.....	7,641	7,811	7,948	7,933	8,029	8,110	8,275	3,974	4,018	4,087	4,040	4,083	4,126	4,194
30	Retail trade.....	9,569	9,642	9,752	9,647	9,732	9,840	9,880	4,910	4,997	5,041	5,035	5,021	5,064	5,104
31	Transportation and warehousing.....	6,264	6,415	6,433	6,502	6,562	6,740	6,764	2,941	3,038	3,063	3,104	3,152	3,194	3,237
32	Information.....	2,387	2,404	2,399	2,373	2,430	2,436	2,433	1,767	1,763	1,802	1,816	1,823	1,854	1,858
33	Finance and insurance.....	6,703	6,977	6,976	6,914	6,904	6,850	6,855	6,049	6,320	6,530	6,219	6,634	6,529	6,556
34	Real estate and rental and leasing.....	2,439	2,509	2,489	2,430	2,450	2,466	2,447	909	909	943	874	886	894	897
35	Professional and technical services.....	7,670	7,688	7,887	7,973	8,174	8,469	8,572	3,075	3,140	3,233	3,279	3,352	3,419	3,513
36	Management of companies and enterprises.....	2,236	2,294	2,409	2,279	2,379	2,530	2,618	917	869	916	955	1,000	993	1,036
37	Administrative and waste services.....	4,914	5,006	5,085	5,040	5,167	5,265	5,293	1,798	1,873	1,895	1,900	1,944	1,963	1,987
38	Educational services.....	1,650	1,728	1,747	1,777	1,772	1,787	1,773	870	901	891	911	937	946	946
39	Health care and social assistance.....	15,106	15,384	15,525	15,640	15,980	16,225	16,529	6,990	7,016	7,110	7,098	7,293	7,378	7,522
40	Arts, entertainment, and recreation.....	1,731	1,754	1,747	1,733	1,753	1,849	1,888	554	570	573	585	591	618	633
41	Accommodation and food services.....	3,575	3,722	3,701	3,711	3,827	3,851	3,906	1,585	1,635	1,637	1,653	1,695	1,710	1,757
42	Other services, except public administration.....	4,570	4,667	4,696	4,726	4,777	4,870	4,929	2,001	2,015	2,045	2,054	2,089	2,125	2,152
43	Government and government enterprises.....	20,243	20,598	20,747	21,207	21,265	21,416	21,634	11,857	12,017	12,036	12,364	12,421	12,572	12,707
44	Federal, civilian.....	3,074	3,149	3,193	3,232	3,231	3,286	3,302	1,377	1,422	1,461	1,467	1,463	1,480	1,489
45	Military.....	840	828	803	787	767	763	739	540	521	500	489	475	468	465
46	State and local.....	16,330	16,620	16,750	17,188	17,267	17,366	17,593	9,941	10,074	10,075	10,408	10,483	10,624	10,753

See the footnotes at the end of the table.

and Earnings by Industry, 2005:IV-2007:II¹—Continues
 seasonally adjusted at annual rates)

Kansas							Kentucky							Louisiana							Line
2005		2006			2007		2005		2006			2007		2005		2006			2007		
IV ^a	I ^a	II ^a	III ^a	IV ^a	I ^a	II ^a	IV ^a	I ^a	II ^a	III ^a	IV ^a	I ^a	II ^a	IV ^a	I ^a	II ^a	III ^a	IV ^a	I ^a	II ^a	
91,393	93,749	95,394	96,246	98,748	100,654	102,331	120,339	122,711	124,484	125,611	127,196	129,944	131,427	139,136	131,861	133,251	135,365	137,541	140,088	141,975	1
69,554	71,351	72,304	72,691	75,366	76,423	77,718	91,904	93,321	94,263	94,713	96,136	97,827	98,860	95,071	96,642	98,548	100,783	103,059	104,749	106,165	2
7,616	7,922	8,000	8,023	8,339	8,455	8,564	10,143	10,436	10,536	10,585	10,756	10,989	11,081	8,873	9,347	9,665	9,999	10,333	10,549	10,669	3
3,931	4,112	4,164	4,177	4,341	4,409	4,468	5,290	5,472	5,534	5,560	5,647	5,778	5,830	4,682	5,002	5,227	5,464	5,661	5,799	5,865	4
3,684	3,810	3,836	3,846	3,998	4,045	4,096	4,853	4,964	5,003	5,026	5,109	5,211	5,251	4,191	4,345	4,438	4,534	4,672	4,750	4,805	5
913	876	862	817	694	725	712	-1,908	-1,976	-2,046	-2,079	-2,104	-2,136	-2,136	-116	-146	-163	-179	-188	-185	-184	6
62,851	64,305	65,166	65,484	67,720	68,693	69,866	79,854	80,909	81,681	82,049	83,276	84,702	85,643	86,082	87,148	88,720	90,606	92,538	94,015	95,311	7
15,664	15,888	16,436	16,730	16,855	17,279	17,722	17,602	17,957	18,532	18,796	18,857	19,294	19,757	23,123	18,090	18,668	18,954	19,049	19,502	19,992	8
12,877	13,556	13,793	14,032	14,173	14,682	14,743	22,884	23,846	24,272	24,766	25,063	25,949	26,027	29,931	26,623	25,864	25,805	25,954	26,571	26,672	9
254	224	231	221	227	240	250	383	365	370	407	458	437	421	1,621	670	294	164	131	148	160	10
12,623	13,332	13,562	13,812	13,946	14,442	14,493	22,500	23,481	23,902	24,359	24,604	25,512	25,606	28,311	25,952	25,570	25,641	25,824	26,422	26,512	11
48,301	49,956	50,544	50,796	52,995	53,481	54,311	65,475	66,918	67,552	67,943	69,240	70,390	71,184	66,252	68,270	69,525	71,350	73,314	74,607	75,631	12
12,422	12,739	12,997	13,093	13,607	13,634	13,889	17,302	17,486	17,777	17,922	18,093	18,272	18,449	16,582	16,788	17,096	17,606	17,863	18,113	18,358	13
8,737	8,930	9,161	9,247	9,609	9,589	9,793	12,449	12,523	12,774	12,897	12,984	13,061	13,197	12,392	12,443	12,657	13,072	13,191	13,363	13,553	14
3,684	3,810	3,836	3,846	3,998	4,045	4,096	4,853	4,964	5,003	5,026	5,109	5,211	5,251	4,191	4,345	4,438	4,534	4,672	4,750	4,805	15
8,831	8,855	8,763	8,801	8,784	9,308	9,518	9,127	8,917	8,934	8,847	8,803	9,166	9,227	12,236	11,583	11,927	11,827	11,882	12,029	12,176	16
469	195	87	185	146	524	624	1,089	880	718	704	659	922	899	366	307	288	301	312	301	307	17
8,363	8,461	8,676	8,617	8,618	8,784	8,894	8,038	8,036	8,216	8,144	8,144	8,243	8,329	11,870	11,276	11,640	11,526	11,570	11,727	11,870	18
852	567	462	561	521	903	1,006	1,360	1,161	1,001	988	944	1,209	1,188	537	475	458	473	485	476	483	19
68,702	70,783	71,842	72,130	74,844	75,521	76,712	90,544	92,159	93,261	93,725	95,193	96,618	97,672	94,534	96,167	98,090	100,310	102,574	104,273	105,682	20
55,688	57,620	58,168	58,481	60,803	61,415	62,311	72,256	73,744	74,450	74,538	75,815	77,310	78,211	76,190	77,945	79,933	81,244	83,723	84,843	86,061	21
257	259	259	261	270	268	268	371	403	377	394	387	384	381	466	486	482	483	510	512	510	22
1,200	1,309	1,433	1,466	1,510	1,549	1,593	1,939	2,064	2,184	2,176	2,175	2,223	2,290	5,120	5,266	5,583	5,795	6,056	6,046	6,181	23
745	753	721	810	791	836	857	617	629	636	619	614	616	632	1,161	1,063	1,103	1,086	1,059	1,115	1,146	24
3,781	3,918	3,927	3,890	3,920	4,008	3,973	5,137	5,179	5,110	4,994	5,058	5,127	5,141	7,256	7,773	8,199	8,119	8,420	8,386	8,476	25
12,065	12,881	12,778	13,104	14,237	14,016	14,283	16,236	16,617	16,646	16,702	16,698	16,991	17,233	10,690	11,082	11,010	11,487	11,754	11,957	12,140	26
7,213	7,575	7,621	7,907	9,098	8,814	8,952	10,663	10,888	10,882	10,911	10,821	11,080	11,213	4,624	4,922	4,977	5,291	5,441	5,580	5,701	27
4,853	5,306	5,157	5,198	5,140	5,202	5,332	5,573	5,729	5,764	5,791	5,877	5,911	6,020	6,066	6,160	6,033	6,196	6,312	6,378	6,439	28
3,870	3,928	3,936	3,957	4,055	4,135	4,214	4,714	4,725	4,840	4,838	4,994	5,152	5,273	4,381	4,579	4,629	4,697	4,867	4,944	5,021	29
4,308	4,477	4,487	4,529	4,598	4,643	4,681	6,178	6,190	6,387	6,280	6,388	6,504	6,553	6,499	6,797	6,959	7,035	7,112	7,132	7,191	30
2,601	2,659	2,670	2,735	2,762	2,826	2,835	5,016	5,000	5,166	5,210	5,457	5,714	5,544	4,543	4,632	4,817	4,957	5,239	5,258	5,334	31
3,224	3,130	3,720	3,140	3,433	3,244	3,253	1,508	1,626	1,578	1,574	1,611	1,623	1,630	1,956	1,901	1,865	1,793	1,814	1,881	1,913	32
3,791	3,896	3,876	3,944	4,003	4,131	4,156	4,503	4,720	4,749	4,804	4,854	4,905	4,920	4,368	4,139	4,123	4,171	4,070	4,249	4,220	33
1,132	1,103	1,078	1,053	1,064	1,068	1,059	1,101	1,114	1,110	1,079	1,084	1,160	1,167	2,051	2,109	2,124	2,189	2,236	2,277	2,324	34
4,643	4,781	4,776	4,848	4,943	5,117	5,270	4,800	4,889	4,974	5,090	5,142	5,251	5,400	6,021	6,284	6,560	6,651	6,891	7,037	7,204	35
759	927	801	839	953	1,045	1,078	1,492	1,657	1,580	1,595	1,719	1,637	1,684	1,435	1,363	1,339	1,494	1,545	1,623	1,680	36
2,428	2,575	2,550	2,620	2,735	2,796	2,835	2,632	2,763	2,762	2,769	2,844	2,863	2,899	3,482	3,660	3,673	3,645	3,580	3,707	3,707	37
462	471	480	489	501	513	512	709	717	724	748	756	793	792	950	1,007	999	996	1,103	1,114	1,084	38
6,451	6,542	6,595	6,680	6,811	6,967	7,096	9,761	9,779	9,918	10,021	10,258	10,474	10,675	9,000	8,937	9,417	9,329	9,966	9,855	10,077	39
286	292	294	293	305	312	316	543	553	555	547	570	591	601	1,367	1,200	1,225	1,277	1,243	1,434	1,374	40
1,648	1,704	1,723	1,734	1,784	1,719	1,756	2,435	2,527	2,524	2,545	2,588	2,631	2,683	2,641	2,789	2,840	2,981	3,134	3,163	3,310	41
2,036	2,014	2,064	2,090	2,130	2,224	2,276	2,564	2,590	2,630	2,613	2,619	2,670	2,713	2,805	2,879	2,988	3,061	3,124	3,153	3,169	42
13,014	13,163	13,675	13,649	14,041	14,106	14,401	18,288	18,416	18,811	19,187	19,377	19,308	19,461	18,344	18,222	18,156	19,066	18,851	19,430	19,621	43
2,105	2,201	2,188	2,224	2,149	2,145	2,125	2,910	3,010	3,062	3,094	3,074	3,163	3,189	2,862	2,909	2,932	2,920	2,875	2,905	2,909	44
1,953	2,096	2,174	2,261	2,274	2,375	2,592	3,772	3,898	3,992	4,099	4,079	4,088	4,088	2,292	2,243	2,233	2,232	2,240	2,231	2,277	45
8,956	8,866	9,313	9,164	9,619	9,586	9,684	11,605	11,507	11,757	11,995	12,224	12,057	12,184	13,190	13,069	12,992	13,914	13,736	14,293	14,435	46

Table 5. Personal Income by Major Source

[Millions of dollars,

Line	Item	Maine							Maryland						
		2005	2006				2007	2005	2006				2007		
		IV ¹	I ²	II ³	III ⁴	IV ¹	I ²	II ³	IV ¹	I ²	II ³	III ⁴	IV ¹	I ²	II ³
Income by place of residence															
1	Personal income (lines 2-11).....	41,217	41,481	42,178	42,425	42,714	43,705	44,240	237,261	241,867	244,172	246,913	250,333	255,480	258,557
Derivation of personal income															
2	Earnings by place of work (lines 12-18 or 19-46).....	29,308	29,771	30,200	30,203	30,359	30,987	31,369	168,106	170,876	171,602	172,968	176,307	179,026	181,081
3	Less: Contributions for government social insurance ²	3,214	3,296	3,340	3,341	3,362	3,452	3,491	18,567	19,035	19,053	19,219	19,602	20,010	20,211
4	Employee and self-employed contributions for government social insurance.....	1,761	1,814	1,839	1,840	1,850	1,903	1,924	9,508	9,804	9,826	9,909	10,102	10,334	10,444
5	Employer contributions for government social insurance.....	1,453	1,482	1,501	1,501	1,512	1,550	1,566	9,059	9,231	9,227	9,309	9,500	9,676	9,768
6	Plus: Adjustment for residence ³	775	800	794	798	857	844	856	25,291	26,202	26,168	26,627	26,678	27,580	27,846
7	Equals: Net earnings by place of residence.....	26,869	27,274	27,654	27,660	27,854	28,379	28,734	174,830	178,044	178,717	180,377	183,383	186,596	188,716
8	Plus: Dividends, interest, and rent ⁴	6,105	6,141	6,305	6,368	6,366	6,492	6,633	36,249	37,136	38,248	38,761	38,890	39,697	40,516
9	Plus: Personal current transfer receipts.....	8,242	8,066	8,219	8,397	8,494	8,835	8,874	26,182	26,688	27,207	27,774	28,061	29,188	29,326
10	State unemployment insurance benefits.....	113	110	105	112	117	119	122	430	421	436	453	443	478	503
11	Personal current transfer receipts excluding state unemployment insurance benefits.....	8,130	7,956	8,114	8,285	8,377	8,716	8,751	25,752	26,266	26,772	27,322	27,618	28,710	28,823
Earnings by place of work															
Components of earnings:															
12	Wage and salary disbursements.....	20,798	21,169	21,429	21,460	21,651	22,126	22,431	122,307	124,619	124,718	125,936	128,830	130,936	132,624
13	Supplements to wages and salaries.....	5,166	5,202	5,300	5,324	5,319	5,405	5,473	28,977	29,305	29,660	30,045	30,513	30,829	31,118
14	Employer contributions for employee pension and insurance funds.....	3,713	3,719	3,799	3,823	3,808	3,855	3,906	19,919	20,074	20,433	20,736	21,013	21,153	21,350
15	Employer contributions for government social insurance.....	1,453	1,482	1,501	1,501	1,512	1,550	1,566	9,059	9,231	9,227	9,309	9,500	9,676	9,768
16	Proprietors' income ⁵	3,345	3,400	3,471	3,420	3,389	3,456	3,465	16,821	16,952	17,225	16,988	16,964	17,261	17,340
17	Farm proprietors' income.....	-2	17	21	30	30	73	65	196	111	108	131	137	246	212
18	Nonfarm proprietors' income.....	3,346	3,383	3,450	3,390	3,359	3,383	3,400	16,625	16,841	17,117	16,857	16,827	17,015	17,128
Earnings by industry															
19	Farm earnings.....	80	101	105	115	114	158	151	327	246	244	267	273	383	351
20	Nonfarm earnings.....	29,229	29,670	30,095	30,089	30,245	30,829	31,218	167,779	170,631	171,358	172,701	176,034	178,642	180,730
21	Private earnings.....	23,607	23,981	24,351	24,203	24,400	24,881	25,221	128,632	130,756	130,815	131,371	134,240	136,479	138,368
22	Forestry, fishing, related activities, and other ⁶	347	361	367	373	384	385	384	128	130	129	128	128	124	124
23	Mining.....	13	15	16	16	16	17	17	170	179	181	190	179	187	193
24	Utilities.....	234	228	229	224	226	226	231	2,721	2,680	2,782	2,661	2,821	2,951	2,907
25	Construction.....	2,117	2,124	2,164	2,111	2,069	2,071	2,075	13,692	13,981	14,017	13,797	13,993	14,215	14,312
26	Manufacturing.....	3,787	3,796	3,912	3,800	3,809	3,835	3,894	10,523	10,606	10,579	10,694	10,793	10,886	11,049
27	Durable goods.....	1,885	1,874	1,915	1,885	1,903	1,924	1,948	6,206	6,236	6,246	6,270	6,379	6,419	6,494
28	Nondurable goods.....	1,902	1,922	1,997	1,916	1,906	1,912	1,946	4,317	4,369	4,333	4,424	4,414	4,467	4,556
29	Wholesale trade.....	1,256	1,283	1,301	1,291	1,316	1,331	1,357	7,378	7,376	7,495	7,522	7,614	7,706	7,863
30	Retail trade.....	2,569	2,603	2,640	2,620	2,663	2,699	2,717	10,151	10,408	10,429	10,331	10,470	10,632	10,718
31	Transportation and warehousing.....	768	787	784	797	810	820	829	3,783	3,872	3,898	3,984	4,018	4,114	4,139
32	Information.....	630	629	628	620	642	640	642	5,091	5,064	5,013	4,877	5,045	5,010	5,043
33	Finance and insurance.....	1,702	1,764	1,761	1,743	1,711	1,782	1,778	11,046	10,903	10,363	10,629	11,094	11,216	11,233
34	Real estate and rental and leasing.....	508	526	521	499	536	519	515	4,508	4,608	4,527	4,413	4,439	4,554	4,567
35	Professional and technical services.....	1,755	1,806	1,855	1,851	1,876	1,932	1,985	22,125	22,904	22,692	23,312	23,701	24,368	24,996
36	Management of companies and enterprises.....	367	396	445	458	411	451	466	1,699	1,874	1,786	1,817	1,969	2,048	2,124
37	Administrative and waste services.....	800	815	832	830	837	862	873	6,172	6,347	6,393	6,483	6,592	6,675	6,752
38	Educational services.....	413	413	421	429	443	481	481	2,838	2,871	2,866	2,952	3,017	3,124	3,118
39	Health care and social assistance.....	4,285	4,331	4,365	4,423	4,511	4,641	4,740	15,907	16,015	16,589	16,397	16,969	17,106	17,443
40	Arts, entertainment, and recreation.....	294	293	301	301	306	320	326	1,460	1,511	1,483	1,512	1,507	1,535	1,569
41	Accommodation and food services.....	950	1,006	994	996	1,009	1,037	1,065	4,021	4,157	4,259	4,288	4,436	4,482	4,586
42	Other services, except public administration.....	810	805	816	819	825	834	846	5,220	5,272	5,333	5,383	5,455	5,545	5,632
43	Government and government enterprises.....	5,622	5,689	5,744	5,886	5,845	5,948	5,997	39,147	39,875	40,544	41,330	41,794	42,164	42,363
44	Federal, civilian.....	1,222	1,263	1,281	1,296	1,299	1,335	1,339	17,435	17,825	17,985	18,043	18,025	18,251	18,264
45	Military.....	580	589	594	611	568	589	594	3,466	3,597	3,754	3,903	3,892	3,896	3,844
46	State and local.....	3,819	3,837	3,869	3,979	3,978	4,023	4,064	18,247	18,453	18,805	19,384	19,877	20,016	20,254

See the footnotes at the end of the table.

and Earnings by Industry, 2005:IV-2007:II¹—Continues
 seasonally adjusted at annual rates]

Massachusetts						Michigan						Minnesota						Line						
2005		2006				2007		2005		2006				2007		2005			2006				2007	
IV'	I'	II'	III'	IV'	I'	II ^P	IV'	I'	II'	III'	IV'	I'	II ^P	IV'	I'	II'	III'		IV'	I'	II ^P	IV'	I'	II ^P
286,627	292,643	296,479	297,925	303,971	311,282	314,829	333,767	337,269	341,006	342,697	343,329	349,507	353,326	193,182	197,301	200,195	200,765	202,667	208,422	211,491	1			
229,044	233,678	234,942	234,738	241,166	246,392	248,672	258,041	258,292	259,562	259,612	259,463	263,163	265,775	153,939	156,953	158,571	158,048	159,675	164,375	166,745	2			
24,332	25,047	25,043	25,031	25,722	26,474	26,668	29,007	29,366	29,484	29,582	29,557	30,121	30,381	18,122	18,691	18,856	18,785	18,962	19,609	19,846	3			
12,192	12,617	12,661	12,659	13,012	13,404	13,506	14,724	14,988	15,063	15,105	15,083	15,399	15,542	9,218	9,559	9,652	9,614	9,698	10,046	10,173	4			
12,140	12,430	12,382	12,372	12,710	13,070	13,162	14,283	14,377	14,420	14,477	14,473	14,723	14,839	8,903	9,132	9,203	9,170	9,265	9,563	9,673	5			
-5,066	-5,125	-5,141	-5,106	-5,286	-5,409	-5,512	1,363	1,412	1,413	1,421	1,469	1,517	1,540	-1,290	-1,288	-1,299	-1,282	-1,266	-1,329	-1,356	6			
199,646	203,505	204,758	204,600	210,159	214,509	216,492	230,397	230,339	231,491	231,451	231,375	234,558	236,935	134,527	136,974	138,417	137,981	139,446	143,437	145,543	7			
47,031	49,025	50,868	51,621	51,680	53,013	54,392	50,664	52,284	53,992	54,721	54,822	56,098	57,453	34,864	35,222	36,216	36,711	36,878	37,642	38,449	8			
39,950	40,113	40,853	41,704	42,133	43,760	43,944	52,706	54,646	55,523	56,526	57,132	58,851	58,938	23,790	25,105	25,563	26,073	26,342	27,343	27,999	9			
1,264	1,238	1,246	1,300	1,301	1,347	1,368	1,788	1,845	1,854	1,913	2,012	1,857	1,751	630	647	648	663	665	683	737	10			
38,686	38,875	39,607	40,403	40,832	42,413	42,576	50,918	52,800	53,669	54,613	55,120	56,994	57,187	23,160	24,458	24,915	25,410	25,677	26,661	26,762	11			
168,142	172,168	172,729	173,106	178,662	182,858	184,669	183,827	184,607	184,949	185,459	185,679	188,330	190,520	113,788	116,698	117,774	117,554	119,041	122,512	124,351	12			
36,487	36,763	36,996	36,938	37,794	38,517	38,879	46,468	46,039	46,490	46,600	46,312	46,729	47,208	25,925	26,256	26,595	26,534	26,719	27,323	27,694	13			
24,347	24,332	24,614	24,566	25,084	25,448	25,717	32,185	31,662	32,069	32,123	31,839	32,006	32,370	17,021	17,124	17,392	17,363	17,455	17,759	18,020	14			
12,140	12,430	12,382	12,372	12,710	13,070	13,162	14,283	14,377	14,420	14,477	14,473	14,723	14,839	8,903	9,132	9,203	9,170	9,265	9,563	9,673	15			
24,415	24,748	25,218	24,694	24,711	25,017	25,124	27,746	27,647	28,122	27,553	27,472	28,104	28,047	14,226	13,999	14,203	13,961	13,914	14,541	14,700	16			
-3	-10	-5	-7	-1	16	15	244	223	249	278	313	664	536	1,302	953	893	948	959	1,353	1,427	17			
24,418	24,758	25,223	24,701	24,711	25,001	25,110	27,502	27,423	27,874	27,275	27,159	27,440	27,511	12,924	13,047	13,309	13,012	12,955	13,188	13,274	18			
101	96	102	100	106	124	123	757	739	770	802	837	1,193	1,069	1,803	1,445	1,392	1,451	1,463	1,861	1,940	19			
228,943	233,582	234,841	234,637	241,061	246,269	248,549	257,285	257,553	258,792	258,810	258,626	261,969	264,706	152,136	155,508	157,180	156,597	158,212	162,514	164,806	20			
201,844	206,719	207,156	207,203	213,012	218,078	220,054	219,122	219,479	220,060	220,215	219,618	223,404	225,796	130,959	133,687	135,623	134,318	136,046	140,040	142,080	21			
495	505	512	506	472	478	474	330	323	325	311	328	334	333	311	320	322	326	330	330	329	22			
330	361	382	393	397	402	415	874	934	987	985	1,012	1,047	1,080	518	551	589	592	600	620	638	23			
1,730	1,697	1,735	1,732	1,742	1,783	1,827	3,093	3,052	3,141	3,079	3,200	3,287	3,370	1,485	1,445	1,495	1,514	1,522	1,499	1,531	24			
13,139	13,293	13,368	13,064	12,965	12,985	12,983	14,406	14,202	14,193	13,555	13,323	13,200	13,024	9,449	9,781	9,891	9,281	9,133	9,662	9,693	25			
26,052	26,195	26,125	26,050	26,599	27,537	27,940	55,614	54,661	55,067	55,373	54,231	55,538	56,188	23,335	23,626	24,288	23,297	24,221	24,739	25,069	26			
18,551	18,474	18,395	18,362	18,824	19,561	19,810	44,090	43,188	43,634	44,012	42,743	43,976	44,385	15,583	15,687	16,334	15,446	16,107	16,644	16,791	27			
7,501	7,720	7,730	7,688	7,775	7,976	8,130	11,524	11,473	11,433	11,361	11,488	11,563	11,803	7,752	7,938	7,954	7,851	8,114	8,096	8,278	28			
11,595	13,117	12,335	12,525	12,590	12,860	13,121	12,683	12,714	12,871	13,005	12,916	13,289	13,549	10,090	10,392	10,566	10,687	10,720	10,749	10,998	29			
12,718	12,598	12,499	12,619	12,268	12,680	12,766	15,449	15,628	15,657	15,623	15,657	15,871	15,908	9,206	9,223	9,366	9,164	9,264	9,280	9,364	30			
4,120	4,178	4,226	4,300	4,376	4,475	4,511	7,197	7,167	7,225	7,304	7,265	7,648	7,659	5,119	4,992	4,976	5,007	5,105	5,302	5,318	31			
8,785	8,920	8,936	8,889	9,344	9,214	9,245	4,792	5,014	4,814	4,904	4,868	4,863	4,881	4,270	4,238	4,273	4,162	4,556	4,488	4,478	32			
25,844	26,174	26,344	26,421	28,423	29,526	28,591	12,584	12,838	12,776	12,572	12,776	12,800	12,749	13,360	13,693	13,567	13,796	13,523	14,215	14,270	33			
5,381	5,463	5,420	5,150	5,473	5,421	5,397	6,470	6,703	6,590	6,265	6,197	6,280	6,143	3,151	3,203	3,382	2,983	2,962	3,172	3,157	34			
30,703	31,872	32,094	32,624	33,683	34,080	34,954	25,327	25,553	25,526	25,702	25,802	25,969	26,475	12,025	12,538	12,603	12,801	13,043	13,801	14,159	35			
6,416	6,658	6,795	6,258	6,566	7,168	7,384	7,019	6,578	6,822	7,160	6,765	6,833	7,045	6,847	6,816	7,341	7,231	7,190	7,326	7,559	36			
7,606	7,692	7,930	7,915	8,129	8,412	8,512	11,082	11,110	11,006	10,870	11,026	11,270	11,327	4,447	4,538	4,565	4,580	4,662	4,902	4,992	37			
7,461	7,617	7,603	7,757	7,905	8,176	8,171	2,206	2,284	2,204	2,346	2,420	2,488	2,487	1,769	1,802	1,862	1,856	1,911	1,964	1,961	38			
25,788	26,346	26,738	26,977	27,644	28,107	28,684	25,194	25,613	25,754	26,138	26,476	27,145	27,755	16,352	16,965	16,905	17,483	17,697	18,169	18,549	39			
2,181	2,216	2,255	2,098	2,307	2,364	2,429	2,275	2,311	2,326	2,326	2,364	2,410	2,460	1,357	1,482	1,597	1,465	1,447	1,484	1,527	40			
5,730	5,960	5,926	5,953	6,077	6,230	6,381	5,527	5,749	5,683	5,703	5,832	5,921	6,066	3,443	3,597	3,538	3,551	3,624	3,730	3,817	41			
5,769	5,856	5,931	5,970	6,052	6,180	6,270	7,000	7,045	7,093	7,093	7,160	7,210	7,296	4,424	4,488	4,495	4,541	4,536	4,609	4,670	42			
27,099	26,863	27,685	27,434	28,049	28,190	28,495	38,162	38,074	38,732	38,595	39,007	38,565	38,910	21,176	21,821	21,557	22,279	22,165	22,474	22,726	43			
4,691	4,818	4,881	4,909	4,900	5,092	5,128	4,611	4,722	4,776	4,799	4,786	4,844	4,870	2,838	2,901	2,942	2,973	2,968	3,013	3,026	44			
993	1,009	988	980	956	952	966	892	883	887	881	868	887	884	919	896	870	855	835	838	837	45			
21,416	21,035	21,816	21,545	22,193	22,146	22,401	32,680	32,469	33,069	32,914	33,353	32,834	33,196	17,419	18,023	17,745	18,451	18,362	18,622	18,863	46			

Table 5. Personal Income by Major Source

[Millions of dollars,

Line	Item	Mississippi						Missouri							
		2005	2006				2007	2005	2006				2007		
		IV ¹	I ¹	II ¹	III ¹	IV ¹	I ¹	II ¹	IV ¹	I ¹	II ¹	III ¹	IV ¹	I ¹	II ¹
Income by place of residence															
1	Personal income (lines 2-11).....	79,187	77,175	77,886	78,566	79,642	81,506	82,656	185,617	188,399	191,114	192,143	194,752	198,739	201,272
Derivation of personal income															
2	Earnings by place of work (lines 12-18 or 19-46).....	53,072	52,987	53,418	53,817	54,704	55,846	56,669	143,642	145,929	147,147	147,038	149,375	151,778	153,649
3	Less: Contributions for government social insurance ²	5,772	5,918	5,990	6,060	6,182	6,300	6,374	15,784	16,188	16,295	16,288	16,560	16,913	17,079
4	Employee and self-employed contributions for government social insurance.....	3,127	3,228	3,277	3,319	3,386	3,457	3,499	8,245	8,496	8,565	8,557	8,696	8,894	8,987
5	Employer contributions for government social insurance.....	2,645	2,689	2,713	2,741	2,796	2,842	2,875	7,539	7,692	7,731	7,731	7,864	8,019	8,093
6	Plus: Adjustment for residence ³	2,153	2,225	2,272	2,288	2,374	2,368	2,401	-4,278	-4,278	-4,285	-4,226	-4,165	-4,254	-4,289
7	Equals: Net earnings by place of residence.....	49,453	49,294	49,700	50,045	50,896	51,914	52,696	123,579	125,464	126,567	126,524	128,650	130,612	132,281
8	Plus: Dividends, interest, and rent ⁴	11,441	10,367	10,722	10,902	10,965	11,238	11,524	30,620	30,770	31,748	32,204	32,324	33,046	33,789
9	Plus: Personal current transfer receipts.....	18,293	17,515	17,464	17,620	17,781	18,355	18,436	31,418	32,165	32,800	33,415	33,778	35,081	35,202
10	State unemployment insurance benefits.....	421	241	186	145	144	143	155	401	396	441	412	428	452	441
11	Personal current transfer receipts excluding state unemployment insurance benefits.....	17,872	17,274	17,278	17,474	17,638	18,212	18,282	31,017	31,769	32,359	33,003	33,349	34,629	34,761
Earnings by place of work															
Components of earnings:															
12	Wage and salary disbursements.....	36,639	37,146	37,412	37,749	38,527	39,083	39,646	103,583	105,449	106,121	106,149	108,236	109,979	111,385
13	Supplements to wages and salaries.....	9,760	9,786	9,916	10,013	10,160	10,234	10,375	25,354	25,540	25,860	25,852	26,132	26,453	26,755
14	Employer contributions for employee pension and insurance funds.....	7,115	7,097	7,203	7,271	7,364	7,391	7,500	17,815	17,848	18,130	18,121	18,268	18,434	18,662
15	Employer contributions for government social insurance.....	2,645	2,689	2,713	2,741	2,796	2,842	2,875	7,539	7,692	7,731	7,731	7,864	8,019	8,093
16	Proprietors' income ⁵	6,673	6,055	6,090	6,056	6,017	6,529	6,648	14,705	14,940	15,166	15,037	15,007	15,346	15,509
17	Farm proprietors' income.....	1,137	555	448	498	494	933	999	338	423	386	438	447	641	687
18	Nonfarm proprietors' income.....	5,536	5,500	5,642	5,558	5,523	5,596	5,649	14,367	14,518	14,780	14,599	14,561	14,706	14,822
Earnings by industry															
19	Farm earnings.....	1,311	726	622	673	669	1,110	1,178	605	654	620	674	683	879	927
20	Nonfarm earnings.....	51,761	52,261	52,796	53,144	54,034	54,736	55,491	143,036	145,275	146,527	146,364	148,692	150,899	152,722
21	Private earnings.....	39,367	39,777	40,177	40,385	41,092	41,670	42,296	120,251	122,388	123,158	122,714	124,708	126,683	128,291
22	Forestry, fishing, related activities, and other ⁶	506	514	506	509	508	519	516	311	300	320	316	336	292	291
23	Mining.....	649	722	789	835	891	896	918	603	692	655	547	597	576	592
24	Utilities.....	737	664	690	650	667	671	687	1,235	1,196	1,242	1,234	1,233	1,246	1,278
25	Construction.....	3,473	3,319	3,482	3,385	3,335	3,411	3,432	10,070	10,208	10,177	10,027	10,051	10,064	10,111
26	Manufacturing.....	8,454	8,562	8,454	8,496	8,816	8,762	8,908	19,577	19,999	20,099	19,692	19,780	20,179	20,485
27	Durable goods.....	5,545	5,661	5,608	5,664	5,929	5,898	6,010	12,709	12,850	12,958	12,577	12,680	12,768	12,924
28	Nondurable goods.....	2,909	2,900	2,846	2,832	2,887	2,864	2,898	6,867	7,149	7,142	7,115	7,100	7,411	7,561
29	Wholesale trade.....	2,117	2,181	2,253	2,274	2,291	2,322	2,376	8,103	8,195	8,335	8,319	8,514	8,707	8,890
30	Retail trade.....	4,070	4,214	4,278	4,262	4,265	4,235	4,265	9,581	9,596	9,783	9,773	9,817	10,080	10,158
31	Transportation and warehousing.....	2,100	2,133	2,167	2,205	2,228	2,269	2,292	5,510	5,692	5,791	5,810	5,834	5,969	6,013
32	Information.....	891	861	830	800	795	813	819	4,947	5,010	5,067	5,073	5,285	5,380	5,402
33	Finance and insurance.....	1,996	1,979	1,992	1,965	1,988	2,014	2,021	8,487	8,817	8,760	8,708	8,622	9,202	8,973
34	Real estate and rental and leasing.....	747	723	728	695	704	721	722	2,682	2,594	2,579	2,507	2,521	2,585	2,583
35	Professional and technical services.....	2,370	2,453	2,500	2,531	2,602	2,642	2,731	11,290	11,558	11,748	12,029	12,448	12,298	12,614
36	Management of companies and enterprises.....	683	723	695	704	657	726	755	6,272	6,476	6,118	6,121	6,294	5,961	6,149
37	Administrative and waste services.....	1,421	1,431	1,462	1,438	1,451	1,525	1,539	4,717	4,740	4,745	4,827	5,010	5,192	5,254
38	Educational services.....	384	398	395	426	422	425	423	2,376	2,444	2,470	2,566	2,589	2,643	2,643
39	Health care and social assistance.....	4,842	5,083	5,060	5,216	5,269	5,440	5,539	14,141	14,323	14,639	14,486	14,846	15,211	15,522
40	Arts, entertainment, and recreation.....	361	340	355	374	413	443	454	1,886	1,897	1,904	1,976	2,059	2,023	2,077
41	Accommodation and food services.....	2,046	1,950	1,988	2,047	2,209	2,222	2,259	3,863	3,967	3,967	3,970	4,067	4,163	4,267
42	Other services, except public administration.....	1,520	1,527	1,554	1,570	1,584	1,612	1,638	4,600	4,682	4,757	4,733	4,805	4,913	4,989
43	Government and government enterprises.....	12,394	12,483	12,619	12,759	12,942	13,066	13,195	22,785	22,887	23,369	23,650	23,984	24,217	24,431
44	Federal, civilian.....	2,145	2,225	2,242	2,267	2,243	2,268	2,286	4,707	4,816	4,860	4,866	4,891	5,050	5,067
45	Military.....	1,702	1,692	1,677	1,685	1,674	1,700	1,722	2,031	2,087	2,083	2,143	2,116	2,160	2,148
46	State and local.....	8,547	8,566	8,701	8,807	9,025	9,098	9,187	16,047	15,984	16,426	16,641	16,977	17,007	17,217

See the footnotes at the end of the table.

and Earnings by Industry, 2005:IV-2007:II¹—Continues
 seasonally adjusted at annual rates]

Montana							Nebraska							Nevada							Line
2005		2006			2007		2005		2006			2007		2005		2006			2007		
IV ^a	I ^a	II ^a	III ^a	IV ^a	I ^a	II ^a	IV ^a	I ^a	II ^a	III ^a	IV ^a	I ^a	II ^a	IV ^a	I ^a	II ^a	III ^a	IV ^a	I ^a	II ^a	
27,962	28,557	28,913	29,407	29,827	30,533	30,939	58,869	59,654	60,792	60,787	61,972	63,532	64,123	92,898	94,606	96,904	97,884	100,056	102,044	103,733	1
20,213	20,494	20,611	20,985	21,378	21,849	22,141	45,862	46,163	46,926	46,492	47,722	48,722	49,070	68,742	71,036	72,205	72,470	74,618	75,477	76,510	2
2,428	2,515	2,522	2,574	2,624	2,697	2,731	5,069	5,191	5,304	5,248	5,407	5,439	5,494	7,032	7,336	7,468	7,510	7,749	7,875	7,970	3
1,197	1,249	1,256	1,282	1,306	1,344	1,362	2,615	2,688	2,744	2,707	2,785	2,809	2,839	3,569	3,739	3,804	3,823	3,940	4,014	4,066	4
1,231	1,267	1,267	1,292	1,318	1,353	1,369	2,454	2,503	2,561	2,541	2,621	2,630	2,654	3,463	3,598	3,664	3,688	3,809	3,861	3,904	5
33	32	33	33	34	33	33	-966	-965	-995	-965	-1,003	-1,013	-1,027	-535	-552	-582	-574	-608	-602	-612	6
17,818	18,011	18,122	18,444	18,787	19,185	19,443	39,827	40,007	40,626	40,279	41,312	42,270	42,549	61,175	63,147	64,155	64,386	66,262	67,000	67,928	7
5,633	5,809	5,972	6,054	6,081	6,205	6,336	10,825	11,003	11,374	11,562	11,629	11,907	12,193	22,268	21,607	22,642	23,135	23,278	24,002	24,701	8
4,512	4,737	4,818	4,909	4,959	5,143	5,160	8,218	8,644	8,792	8,946	9,031	9,355	9,381	9,455	9,852	10,106	10,364	10,516	11,042	11,105	9
64	64	61	61	62	65	63	101	92	94	88	88	96	90	225	224	249	258	275	307	318	10
4,448	4,673	4,757	4,848	4,897	5,078	5,097	8,117	8,552	8,698	8,857	8,943	9,259	9,291	9,231	9,628	9,857	10,106	10,240	10,735	10,786	11
13,418	13,838	13,901	14,213	14,537	14,866	15,096	32,361	32,846	33,447	33,019	34,085	34,151	34,598	51,050	52,850	53,694	54,034	55,891	56,569	57,437	12
3,610	3,695	3,712	3,789	3,836	3,900	3,954	7,832	7,872	8,079	7,997	8,162	8,167	8,261	11,136	11,389	11,614	11,696	11,987	12,084	12,260	13
2,379	2,428	2,446	2,497	2,518	2,547	2,585	5,378	5,369	5,519	5,456	5,541	5,537	5,606	7,673	7,792	7,950	8,008	8,178	8,223	8,356	14
1,231	1,267	1,267	1,292	1,318	1,353	1,369	2,454	2,503	2,561	2,541	2,621	2,630	2,654	3,463	3,598	3,664	3,688	3,809	3,861	3,904	15
3,186	2,961	2,998	2,983	3,004	3,083	3,091	5,669	5,445	5,399	5,475	5,475	6,404	6,211	6,556	6,797	6,898	6,740	6,741	6,824	6,813	16
260	-32	-43	-23	-3	20	18	887	650	505	610	612	1,466	1,228	18	-2	-3	4	5	3	-5	17
2,925	2,993	3,041	3,006	3,007	3,064	3,073	4,782	4,796	4,894	4,865	4,864	4,938	4,983	6,538	6,799	6,901	6,736	6,736	6,821	6,819	18
454	174	165	187	208	232	232	1,340	1,096	959	1,070	1,075	1,933	1,699	94	78	78	86	86	85	78	19
19,759	20,320	20,446	20,798	21,170	21,617	21,908	44,522	45,068	45,967	45,422	46,647	46,789	47,371	68,649	70,958	72,128	72,384	74,532	75,392	76,433	20
15,348	15,737	15,905	16,172	16,546	16,932	17,163	36,371	36,784	37,577	36,935	38,117	38,178	38,694	58,776	60,788	61,796	61,808	63,777	64,382	65,218	21
195	206	215	223	222	216	216	169	189	180	179	185	186	185	31	29	32	31	36	38	38	22
698	707	732	756	815	784	806	194	197	208	211	215	200	206	941	1,021	1,091	1,096	1,182	1,151	1,157	23
375	404	371	405	385	405	415	955	927	987	995	986	1,022	1,042	637	615	628	609	632	560	573	24
1,766	1,801	1,795	1,832	1,882	2,020	2,028	2,815	2,870	2,882	2,886	2,936	3,044	3,052	8,808	9,233	9,319	9,155	9,186	9,432	9,423	25
1,182	1,180	1,203	1,199	1,254	1,276	1,297	5,258	5,355	5,517	5,257	5,430	5,544	5,629	3,066	3,155	3,248	3,266	3,370	3,402	3,441	26
676	666	681	669	708	722	733	2,567	2,634	2,771	2,551	2,679	2,739	2,768	2,178	2,232	2,295	2,316	2,387	2,400	2,421	27
505	514	522	530	545	554	564	2,691	2,722	2,746	2,705	2,751	2,805	2,862	888	922	953	949	983	1,002	1,020	28
842	846	869	882	920	941	961	2,406	2,456	2,471	2,468	2,518	2,532	2,590	2,640	2,781	2,797	2,802	2,826	2,871	2,932	29
1,668	1,698	1,726	1,757	1,804	1,825	1,845	2,866	2,954	2,965	2,976	2,998	2,990	3,015	4,984	5,148	5,174	5,187	5,219	5,255	5,302	30
810	837	845	862	874	895	897	3,267	3,300	3,338	3,394	3,438	3,429	3,445	2,156	2,247	2,294	2,334	2,417	2,480	2,501	31
386	408	397	401	405	401	400	1,233	1,175	1,195	1,118	1,186	1,160	1,164	1,099	1,106	1,118	1,168	1,254	1,213	1,222	32
903	938	949	962	957	954	952	3,557	3,349	3,695	3,386	3,311	3,422	3,427	3,999	4,099	4,054	3,956	3,919	3,994	3,959	33
638	670	665	633	634	637	623	558	559	553	542	549	559	559	2,161	2,259	2,283	2,196	2,225	2,264	2,266	34
1,259	1,288	1,329	1,350	1,408	1,416	1,455	2,797	2,917	2,994	2,955	3,106	3,097	3,167	4,907	5,088	5,242	5,289	5,497	5,336	5,464	35
64	69	68	74	72	95	98	1,251	1,326	1,218	1,244	1,450	1,373	1,424	1,708	1,872	1,927	2,014	2,515	2,525	2,627	36
494	523	539	546	570	604	611	1,375	1,490	1,455	1,493	1,689	1,445	1,460	2,798	2,926	3,061	2,972	3,000	3,067	3,090	37
106	107	112	111	114	122	122	507	516	537	545	556	568	573	254	260	262	273	281	294	298	38
2,373	2,452	2,459	2,521	2,532	2,604	2,654	4,588	4,586	4,761	4,675	4,844	4,865	4,967	4,671	4,791	4,877	4,969	5,105	5,244	5,390	39
242	246	256	262	259	276	283	258	257	257	255	266	275	282	1,280	1,288	1,321	1,337	1,362	1,411	1,436	40
717	729	742	752	765	785	811	970	1,007	1,000	994	1,028	1,037	1,056	11,083	11,259	11,423	11,497	12,080	12,154	12,383	41
631	629	634	645	665	677	687	1,346	1,355	1,365	1,361	1,423	1,427	1,451	1,554	1,611	1,645	1,657	1,673	1,690	1,716	42
4,411	4,584	4,541	4,626	4,624	4,685	4,746	8,150	8,283	8,390	8,487	8,530	8,611	8,677	10,170	10,331	10,576	10,755	11,009	11,214	11,414	43
1,108	1,158	1,162	1,130	1,119	1,154	1,171	1,303	1,337	1,358	1,375	1,354	1,382	1,383	1,445	1,492	1,531	1,562	1,584	1,592	1,609	44
445	454	453	450	445	439	437	914	936	923	919	901	893	893	922	960	963	978	983	1,008	1,014	45
2,858	2,972	2,926	3,046	3,060	3,093	3,138	5,933	6,010	6,109	6,193	6,275	6,335	6,401	7,506	7,717	7,836	8,036	8,189	8,409	8,592	46

Table 5. Personal Income by Major Source

(Millions of dollars.)

Line	Item	New Hampshire							New Jersey						
		2005	2006				2007		2005	2006				2007	
		IV'	I'	II'	III'	IV'	I'	II ^P	IV'	I'	II'	III'	IV'	I'	II ^P
Income by place of residence															
1	Personal income (lines 2-11).....	49,646	51,227	51,662	51,988	53,690	53,797	54,518	383,635	398,096	403,803	403,852	411,018	423,159	426,221
Derivation of personal income															
2	Earnings by place of work (lines 12-18 or 19-46).....	36,873	37,796	37,884	38,016	39,858	39,282	39,847	281,760	288,768	293,065	290,513	296,152	302,963	305,480
3	Less: Contributions for government social insurance ²	4,051	4,192	4,175	4,192	4,406	4,361	4,419	31,907	32,896	33,266	32,920	33,545	34,501	34,716
4	Employee and self-employed contributions for government social insurance.....	2,201	2,290	2,284	2,292	2,414	2,393	2,425	16,652	17,269	17,504	17,324	17,647	18,191	18,314
5	Employer contributions for government social insurance.....	1,849	1,902	1,890	1,900	1,993	1,969	1,994	15,254	15,627	15,762	15,596	15,898	16,311	16,402
6	Plus: Adjustment for residence ³	4,055	4,099	4,108	4,114	4,123	4,365	4,387	30,223	32,590	31,686	32,104	33,652	36,730	35,859
7	Equals: Net earnings by place of residence.....	36,876	37,703	37,817	37,939	39,574	39,286	39,815	280,076	288,463	291,485	289,697	296,259	305,192	306,624
8	Plus: Dividends, interest, and rent ⁴	6,924	7,475	7,684	7,768	7,771	7,925	8,089	56,531	60,006	61,953	62,791	62,919	64,343	65,819
9	Plus: Personal current transfer receipts.....	5,845	6,048	6,161	6,281	6,345	6,586	6,615	47,028	49,627	50,365	51,365	51,841	53,625	53,779
10	State unemployment insurance benefits.....	75	82	86	89	89	96	101	1,676	1,680	1,615	1,745	1,753	1,809	1,785
11	Personal current transfer receipts excluding state unemployment insurance benefits.....	5,771	5,967	6,075	6,192	6,256	6,490	6,514	45,352	47,947	48,749	49,620	50,088	51,816	51,994
Earnings by place of work															
Components of earnings:															
12	Wage and salary disbursements.....	26,349	27,162	27,147	27,345	28,942	28,502	28,959	203,955	209,446	212,425	210,901	215,805	221,007	223,017
13	Supplements to wages and salaries.....	5,750	5,847	5,851	5,886	6,167	6,036	6,129	43,611	44,425	45,142	44,742	45,534	46,685	46,980
14	Employer contributions for employee pension and insurance funds.....	3,901	3,945	3,961	3,986	4,174	4,067	4,135	28,356	28,798	29,380	29,146	29,635	30,374	30,579
15	Employer contributions for government social insurance.....	1,849	1,902	1,890	1,900	1,993	1,969	1,994	15,254	15,627	15,762	15,596	15,898	16,311	16,402
16	Proprietors' income ⁵	4,773	4,787	4,886	4,786	4,749	4,744	4,759	34,194	34,898	35,498	34,870	34,813	35,271	35,483
17	Farm proprietors' income.....	3	-3	-3	-3	-2	4	1	43	29	46	33	35	61	31
18	Nonfarm proprietors' income.....	4,770	4,791	4,889	4,788	4,751	4,739	4,758	34,151	34,869	35,452	34,837	34,779	35,210	35,452
Earnings by industry															
19	Farm earnings.....	39	34	35	35	36	42	39	232	224	243	232	233	261	233
20	Nonfarm earnings.....	36,833	37,762	37,849	37,981	39,822	39,239	39,808	281,527	288,544	292,822	290,282	295,919	302,702	305,248
21	Private earnings.....	32,363	33,200	33,274	33,332	35,164	34,489	35,011	239,557	247,286	248,820	248,451	252,852	259,381	261,458
22	Forestry, fishing, related activities, and other ⁶	114	118	119	120	124	124	124	117	121	121	121	128	131	131
23	Mining.....	49	47	53	52	50	60	61	281	325	336	346	353	368	379
24	Utilities.....	365	361	351	377	400	378	387	2,341	2,369	2,341	2,304	2,302	2,254	2,315
25	Construction.....	2,838	2,794	2,839	2,738	2,709	2,575	2,567	15,506	16,319	16,356	15,877	15,828	15,780	15,832
26	Manufacturing.....	5,836	5,967	5,919	5,878	6,348	6,178	6,292	29,909	31,864	31,319	30,870	32,038	34,772	34,480
27	Durable goods.....	4,426	4,489	4,474	4,465	4,910	4,742	4,822	11,714	11,936	12,350	11,986	12,432	12,453	12,542
28	Nondurable goods.....	1,412	1,478	1,445	1,413	1,437	1,435	1,470	18,196	19,928	18,969	18,884	19,606	22,319	21,938
29	Wholesale trade.....	2,275	2,428	2,396	2,369	2,399	2,503	2,563	20,183	20,397	20,845	20,611	20,830	21,225	21,634
30	Retail trade.....	3,476	3,511	3,550	3,497	3,522	3,555	3,591	18,266	18,984	18,841	18,776	18,893	19,204	19,374
31	Transportation and warehousing.....	683	700	716	700	732	724	732	10,070	10,253	10,347	10,370	10,516	11,030	10,916
32	Information.....	1,028	1,054	1,041	1,018	1,037	1,026	1,032	11,489	11,556	11,992	11,747	12,156	12,355	12,391
33	Finance and insurance.....	2,541	2,731	2,631	2,853	2,944	2,650	2,650	25,942	27,153	27,154	27,702	27,882	28,770	28,305
34	Real estate and rental and leasing.....	880	864	855	775	806	815	806	6,901	6,913	7,019	6,823	6,804	6,965	6,938
35	Professional and technical services.....	2,959	3,072	3,183	3,251	3,201	3,424	3,516	31,958	32,774	33,508	33,547	34,420	35,646	36,526
36	Management of companies and enterprises.....	749	808	807	718	1,726	1,105	1,144	8,747	8,875	8,948	9,147	9,166	9,026	9,361
37	Administrative and waste services.....	1,148	1,184	1,206	1,222	1,287	1,351	1,368	11,178	11,257	11,256	11,374	11,910	11,108	11,209
38	Educational services.....	906	915	934	950	970	982	983	3,248	3,336	3,466	3,489	3,569	3,745	3,733
39	Health care and social assistance.....	3,993	4,093	4,080	4,198	4,273	4,366	4,463	26,774	27,359	27,589	27,917	28,426	28,938	29,543
40	Arts, entertainment, and recreation.....	355	357	366	377	375	378	387	2,178	2,416	2,375	2,319	2,474	2,413	2,469
41	Accommodation and food services.....	1,090	1,113	1,118	1,120	1,136	1,149	1,180	7,135	7,521	7,416	7,560	7,678	7,821	7,976
42	Other services, except public administration.....	1,078	1,083	1,109	1,119	1,125	1,147	1,166	7,334	7,493	7,591	7,551	7,481	7,827	7,947
43	Government and government enterprises.....	4,471	4,562	4,575	4,649	4,658	4,750	4,797	41,970	41,258	44,001	41,830	43,067	43,321	43,790
44	Federal, civilian.....	721	737	750	755	752	751	751	5,749	5,907	6,016	6,110	6,105	6,220	6,305
45	Military.....	161	157	153	150	142	138	142	1,288	1,284	1,270	1,276	1,258	1,280	1,270
46	State and local.....	3,589	3,668	3,672	3,745	3,765	3,861	3,904	34,933	34,066	36,714	34,444	35,703	35,822	36,216

See the footnotes at the end of the table.

and Earnings by Industry, 2005:IV-2007:II¹—Continues
 seasonally adjusted at annual rates¹

New Mexico					New York					North Carolina					Line						
2005		2006			2007		2005		2006			2007		2005		2006			2007		
IV ^r	I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p	IV ^r	I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p	IV ^r		I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p
55,357	56,728	57,634	58,738	59,304	60,781	61,774	815,336	834,947	843,569	848,040	868,420	910,518	909,586	272,453	280,482	284,020	288,013	293,103	300,284	304,707	1
40,081	41,370	41,609	42,379	42,867	43,642	44,318	647,957	670,997	667,611	667,132	691,462	732,459	723,935	209,290	215,505	216,839	219,134	224,181	228,762	232,126	2
4,216	4,418	4,454	4,556	4,617	4,725	4,792	69,221	72,044	71,340	71,132	73,721	78,475	77,426	23,882	24,802	24,910	25,177	25,771	26,435	26,787	3
2,237	2,357	2,374	2,423	2,452	2,515	2,552	34,601	36,341	35,808	35,682	36,967	39,764	39,065	12,311	12,860	12,938	13,077	13,382	13,751	13,939	4
1,978	2,062	2,080	2,133	2,165	2,209	2,240	34,619	35,703	35,531	35,450	36,754	38,711	38,361	11,571	11,941	11,971	12,099	12,390	12,684	12,848	5
287	295	292	297	307	312	317	-38,633	-41,950	-40,817	-41,282	-43,399	-47,560	-46,291	-811	-849	-868	-888	-934	-955	-979	6
36,152	37,247	37,448	38,121	38,557	39,229	39,842	540,103	557,003	555,454	554,718	574,342	606,424	600,218	184,597	189,855	191,061	193,069	197,475	201,373	204,360	7
9,448	9,442	9,932	10,122	10,124	10,460	10,791	142,433	141,499	149,554	152,332	151,835	157,004	161,839	43,739	44,781	46,396	47,045	47,080	48,253	49,479	8
9,757	10,039	10,255	10,495	10,624	11,092	11,141	132,800	136,445	138,561	140,991	142,244	147,091	147,529	44,117	45,847	46,564	47,899	48,548	50,658	50,868	9
110	100	103	111	115	124	125	2,303	2,296	2,183	2,188	2,136	2,165	2,107	645	729	493	793	886	939	937	10
9,647	9,939	10,152	10,383	10,508	10,968	11,016	130,497	134,149	136,379	138,803	140,108	144,926	145,422	43,472	45,118	46,071	47,106	47,663	49,719	49,931	11
28,643	29,778	29,906	30,535	30,984	31,579	32,114	464,816	485,079	479,937	481,131	501,601	536,052	527,833	151,991	157,081	157,985	160,053	164,441	167,880	170,577	12
7,031	7,301	7,356	7,483	7,532	7,620	7,721	101,364	103,256	103,511	102,967	106,274	111,030	110,085	37,126	37,874	38,263	38,748	39,520	40,162	40,776	13
5,053	5,239	5,276	5,350	5,367	5,410	5,481	66,745	67,553	67,979	67,517	69,521	72,319	71,723	25,555	25,933	26,292	26,649	27,130	27,478	27,928	14
1,978	2,062	2,080	2,133	2,165	2,209	2,240	34,619	35,703	35,531	35,450	36,754	38,711	38,361	11,571	11,941	11,971	12,099	12,390	12,684	12,848	15
4,406	4,291	4,347	4,362	4,351	4,443	4,483	81,777	82,662	84,163	83,034	83,587	85,377	86,018	20,173	20,551	20,591	20,333	20,220	20,720	20,773	16
371	149	107	167	151	196	187	414	251	208	244	253	625	502	1,720	1,717	1,457	1,520	1,455	1,772	1,714	17
4,036	4,142	4,239	4,195	4,199	4,248	4,296	81,363	82,411	83,955	82,789	83,333	84,752	85,515	18,453	18,834	19,134	18,813	18,765	18,948	19,059	18
619	412	373	434	419	466	460	848	699	658	695	703	1,078	960	2,287	2,259	2,006	2,073	2,009	2,331	2,278	19
39,462	40,958	41,236	41,945	42,448	43,176	43,858	647,109	670,298	666,953	666,437	690,758	731,381	722,975	207,002	213,246	214,833	217,061	222,171	226,431	229,848	20
28,115	28,989	29,715	30,679	31,295	31,853	32,469	549,872	575,460	566,020	569,576	590,683	632,607	623,608	166,057	171,498	172,676	173,880	177,870	181,351	184,164	21
127	134	129	128	123	124	124	1,137	1,161	1,169	1,148	1,172	1,205	1,194	624	654	633	646	658	664	660	22
1,606	1,698	1,814	1,859	1,937	1,874	1,928	1,503	1,400	1,518	1,565	1,610	1,670	1,726	397	406	390	387	420	471	483	23
366	372	360	382	376	399	409	6,214	6,341	6,390	6,467	6,602	6,494	6,698	1,484	1,467	1,483	1,447	1,454	1,361	1,390	24
2,949	3,113	3,121	3,070	3,109	3,114	3,191	25,979	26,566	27,115	26,911	27,943	28,184	28,685	13,846	14,400	14,571	14,463	14,852	14,949	15,074	25
2,337	2,425	2,457	2,460	2,530	2,491	2,528	44,022	44,856	44,492	44,645	45,680	45,814	46,549	33,665	34,383	34,399	34,315	35,289	35,814	36,424	26
1,742	1,807	1,833	1,832	1,885	1,830	1,853	24,446	25,270	25,213	25,444	26,384	25,991	26,567	17,992	18,584	18,716	18,655	19,264	19,638	19,917	27
594	618	625	628	645	661	675	19,576	19,587	19,280	19,200	19,296	19,823	19,982	15,672	15,799	15,683	15,660	16,025	16,176	16,507	28
1,277	1,316	1,352	1,384	1,433	1,418	1,444	29,108	29,430	30,105	29,840	30,532	31,209	31,683	11,339	11,666	11,668	12,037	12,280	12,489	12,747	29
2,971	2,983	3,083	3,025	3,117	3,151	3,179	31,645	32,205	32,453	32,807	33,504	34,168	34,326	14,212	14,442	14,648	14,712	14,925	15,215	15,350	30
1,138	1,171	1,202	1,228	1,241	1,275	1,288	13,420	13,703	13,926	14,008	14,206	14,504	14,610	6,281	6,376	6,389	6,472	6,460	6,597	6,635	31
759	832	811	846	848	841	849	39,258	39,563	39,147	39,068	40,283	40,825	40,929	5,678	5,700	5,713	5,649	5,669	5,772	5,807	32
1,475	1,516	1,485	1,511	1,558	1,532	1,535	115,417	133,474	120,612	121,381	129,454	160,810	144,625	12,845	13,626	13,656	14,356	14,580	15,287	15,362	33
717	744	733	718	728	741	742	17,126	17,429	17,080	17,026	17,717	18,373	18,474	4,244	4,278	4,252	4,130	4,242	4,331	4,313	34
3,686	3,726	4,129	4,762	4,856	5,244	5,388	70,783	72,158	73,468	74,254	77,143	78,828	81,043	14,049	14,836	14,859	15,346	15,857	16,158	16,600	35
317	326	333	356	355	368	383	17,752	18,493	17,835	19,181	19,694	21,626	22,181	6,135	6,860	6,654	6,432	6,342	6,434	6,644	36
1,521	1,563	1,606	1,634	1,689	1,697	1,734	20,234	20,284	20,188	20,357	20,556	21,975	21,840	7,245	7,474	7,561	7,703	7,923	8,152	8,262	37
320	339	338	344	346	358	360	13,897	14,043	14,428	14,456	14,828	15,032	15,133	2,485	2,576	2,611	2,694	2,761	2,825	2,829	38
3,819	3,941	3,930	4,110	4,115	4,232	4,315	63,412	64,236	65,559	65,604	67,008	68,778	69,964	18,625	18,940	19,473	19,479	20,113	20,385	20,819	39
280	275	281	284	288	302	309	8,454	8,716	8,785	8,866	10,076	9,298	9,683	1,778	1,911	2,029	1,926	2,047	2,054	2,100	40
1,298	1,352	1,365	1,388	1,427	1,450	1,495	13,919	14,538	14,745	14,822	15,224	15,914	16,215	5,347	5,609	5,509	5,650	5,807	6,079	6,236	41
1,153	1,161	1,185	1,189	1,218	1,243	1,269	16,593	16,862	17,004	17,174	17,450	17,901	18,050	5,779	5,895	5,980	6,036	6,192	6,316	6,430	42
11,347	11,968	11,521	11,266	11,153	11,322	11,389	97,237	94,838	100,933	96,861	100,075	98,774	99,366	40,946	41,748	42,157	43,182	44,301	45,080	45,684	43
2,618	2,707	2,765	2,797	2,801	2,859	2,877	11,039	11,267	11,361	11,467	11,530	11,719	11,740	5,006	5,161	5,318	5,415	5,463	5,564	5,642	44
1,095	1,117	1,115	1,142	1,126	1,122	1,102	3,270	3,348	3,405	3,477	3,446	3,480	3,522	9,068	9,313	9,320	9,467	9,577	9,927	10,033	45
7,634	8,144	7,641	7,326	7,228	7,341	7,410	82,927	80,223	86,167	81,917	85,099	83,575	84,104	26,871	27,275	27,518	28,300	29,261	29,588	30,009	46

Table 5. Personal Income by Major Source

[Millions of dollars,

Line	Item	North Dakota						Ohio							
		2005	2006			2007		2005	2006			2007			
		IV ¹	I ²	II ³	III ⁴	IV ⁵	I ⁶	II ⁷	IV ⁸	I ⁹	II ¹⁰	III ¹¹	IV ¹²	I ¹³	II ¹⁴
Income by place of residence															
1	Personal income (lines 2-11).....	20,732	20,545	21,020	21,004	21,452	22,024	22,093	370,823	375,244	380,244	383,598	385,955	395,850	400,702
Derivation of personal income															
2	Earnings by place of work (lines 12-18 or 19-46).....	16,434	16,178	16,547	16,398	16,885	17,287	17,272	284,782	287,996	290,460	292,277	294,293	301,712	305,426
3	Less: Contributions for government social insurance ²	1,911	1,960	2,004	1,992	2,051	2,077	2,092	30,477	31,232	31,505	31,769	32,057	33,042	33,405
4	Employee and self-employed contributions for government social insurance.....	957	987	1,011	1,005	1,034	1,049	1,057	15,068	15,474	15,610	15,725	15,824	16,346	16,530
5	Employer contributions for government social insurance.....	954	973	993	987	1,017	1,029	1,035	15,409	15,759	15,896	16,044	16,232	16,697	16,875
6	Plus: Adjustment for residence ³	-630	-637	-662	-655	-688	-699	-705	-1,645	-1,662	-1,671	-1,677	-1,656	-1,736	-1,770
7	Equals: Net earnings by place of residence.....	13,893	13,581	13,880	13,751	14,145	14,511	14,476	252,660	255,102	257,283	258,831	260,580	266,933	270,251
8	Plus: Dividends, interest, and rent ⁴	3,668	3,633	3,750	3,809	3,830	3,918	4,008	55,887	56,273	58,029	58,721	58,737	60,014	61,352
9	Plus: Personal current transfer receipts.....	3,172	3,331	3,390	3,445	3,477	3,595	3,610	62,276	63,869	64,932	66,046	66,638	68,903	69,100
10	State unemployment insurance benefits.....	38	41	46	42	42	43	46	1,105	1,079	1,111	1,111	1,102	1,148	1,116
11	Personal current transfer receipts excluding state unemployment insurance benefits.....	3,133	3,290	3,344	3,403	3,435	3,552	3,564	61,170	62,791	63,818	64,935	65,536	67,755	67,984
Earnings by place of work															
Components of earnings:															
12	Wage and salary disbursements.....	11,090	11,302	11,569	11,516	11,898	11,986	12,109	208,734	211,465	212,648	214,201	216,115	221,784	224,802
13	Supplements to wages and salaries.....	2,887	2,915	3,000	2,997	3,062	3,065	3,088	50,116	50,320	51,090	51,760	51,909	52,963	53,618
14	Employer contributions for employee pension and insurance funds.....	1,934	1,942	2,007	2,009	2,044	2,036	2,053	34,707	34,561	35,195	35,716	35,677	36,266	36,743
15	Employer contributions for government social insurance.....	954	973	993	987	1,017	1,029	1,035	15,409	15,759	15,896	16,044	16,232	16,697	16,875
16	Proprietors' income ⁵	2,457	1,961	1,978	1,885	1,925	2,236	2,076	25,933	26,212	26,721	26,316	26,269	26,665	27,006
17	Farm proprietors' income.....	840	349	332	264	301	587	417	281	386	415	393	416	800	612
18	Nonfarm proprietors' income.....	1,617	1,613	1,646	1,621	1,624	1,648	1,659	25,652	25,826	26,307	25,923	25,853	26,164	26,393
Earnings by industry															
19	Farm earnings.....	1,004	511	495	427	463	751	582	679	787	821	802	826	1,214	1,030
20	Nonfarm earnings.....	15,430	15,667	16,052	15,971	16,421	16,536	16,690	284,104	287,209	289,639	291,475	293,467	300,497	304,396
21	Private earnings.....	11,805	11,997	12,327	12,222	12,653	12,777	12,922	240,083	243,720	245,319	246,010	248,491	254,445	257,957
22	Forestry, fishing, related activities, and other ⁶	103	105	101	103	103	103	103	250	254	249	256	262	264	264
23	Mining.....	378	406	422	444	466	496	496	1,396	1,474	1,589	1,668	1,617	1,684	1,728
24	Utilities.....	418	358	393	379	381	374	383	2,306	2,436	2,394	2,347	2,362	2,429	2,501
25	Construction.....	1,027	1,073	1,096	1,043	1,097	1,135	1,107	15,721	16,112	16,001	15,579	15,467	15,595	15,718
26	Manufacturing.....	1,458	1,480	1,497	1,467	1,515	1,529	1,553	55,218	55,195	55,449	56,280	56,580	57,758	58,519
27	Durable goods.....	922	945	933	948	965	963	977	38,756	38,590	39,086	39,813	39,599	40,718	41,127
28	Nondurable goods.....	536	536	564	519	551	566	576	16,462	16,606	16,364	16,467	16,982	17,040	17,392
29	Wholesale trade.....	1,043	1,048	1,060	1,079	1,095	1,110	1,121	15,567	15,819	15,970	16,010	16,361	16,628	16,943
30	Retail trade.....	1,162	1,175	1,207	1,205	1,228	1,227	1,242	18,166	18,300	18,292	18,304	18,315	18,965	19,090
31	Transportation and warehousing.....	645	676	683	701	708	721	728	10,552	10,837	10,920	11,142	11,244	11,546	11,627
32	Information.....	401	414	419	437	480	443	445	5,918	5,940	5,909	5,772	6,044	5,958	5,966
33	Finance and insurance.....	792	801	846	862	848	848	857	17,272	17,869	17,909	17,629	17,746	18,061	18,061
34	Real estate and rental and leasing.....	207	204	203	197	202	205	206	4,803	4,903	4,799	4,613	4,619	4,699	4,688
35	Professional and technical services.....	684	718	720	728	764	756	781	20,871	21,288	21,707	21,953	22,440	23,224	23,776
36	Management of companies and enterprises.....	213	237	241	233	259	304	317	9,920	10,213	10,128	10,400	10,677	11,409	11,757
37	Administrative and waste services.....	338	345	348	353	366	363	360	10,325	10,566	10,572	10,584	10,782	11,205	11,329
38	Educational services.....	80	81	86	86	89	91	90	3,130	3,216	3,247	3,317	3,331	3,393	3,404
39	Health care and social assistance.....	1,930	1,935	2,056	1,948	2,062	2,072	2,111	31,254	31,707	32,498	32,355	32,599	33,166	33,803
40	Arts, entertainment, and recreation.....	72	72	73	73	75	75	77	2,398	2,376	2,400	2,437	2,403	2,532	2,592
41	Accommodation and food services.....	385	396	402	406	420	428	440	6,726	6,900	6,894	6,940	7,095	7,292	7,457
42	Other services, except public administration.....	471	472	475	479	495	497	504	8,286	8,315	8,391	8,422	8,548	8,638	8,753
43	Government and government enterprises.....	3,625	3,670	3,725	3,749	3,768	3,759	3,768	44,020	43,489	44,320	45,465	44,975	46,052	46,439
44	Federal, civilian.....	709	727	734	732	739	752	748	6,970	7,128	7,219	7,254	7,269	7,370	7,391
45	Military.....	712	734	733	734	725	717	713	1,897	1,894	1,866	1,851	1,820	1,821	1,808
46	State and local.....	2,204	2,209	2,258	2,283	2,305	2,289	2,308	35,153	34,467	35,235	36,361	35,887	36,861	37,240

See the footnotes at the end of the table.

and Earnings by Industry, 2005:IV-2007:II¹—Continues
 seasonally adjusted at annual rates¹

Oklahoma							Oregon						Pennsylvania							Line	
2005		2006			2007		2005		2006			2007	2005		2006				2007		
IV ^a	I ^a	II ^a	III ^a	IV ^a	I ^a	II ^a	IV ^a	I ^a	II ^a	III ^a	IV ^a	I ^a	II ^a	IV ^a	I ^a	II ^a	III ^a	IV ^a	I ^a		II ^a
109,414	113,807	115,075	116,827	118,130	120,559	122,434	116,610	120,768	121,941	123,732	125,796	128,179	129,774	439,320	448,613	453,931	458,321	464,851	475,333	480,944	1
81,401	84,936	85,132	86,236	87,280	88,581	90,025	89,648	92,854	92,943	94,188	96,222	97,612	98,723	329,023	334,767	336,982	339,561	346,137	352,629	357,095	2
8,531	9,052	8,948	9,013	9,109	9,283	9,393	10,935	11,434	11,361	11,508	11,743	11,954	12,093	38,084	39,079	39,233	39,566	40,370	41,311	41,775	3
4,385	4,686	4,652	4,694	4,748	4,849	4,909	5,245	5,518	5,499	5,572	5,685	5,799	5,868	19,312	19,951	20,082	20,266	20,679	21,202	21,449	4
4,146	4,366	4,296	4,319	4,361	4,435	4,484	5,690	5,917	5,862	5,936	6,058	6,155	6,224	18,772	19,128	19,151	19,300	19,691	20,109	20,326	5
1,170	1,157	1,176	1,180	1,215	1,240	1,260	-2,292	-2,421	-2,386	-2,409	-2,482	-2,557	-2,582	4,576	4,676	4,714	4,563	4,552	4,944	4,852	6
74,041	77,042	77,360	78,403	79,386	80,537	81,892	76,420	78,999	79,196	80,270	81,997	83,100	84,048	295,516	300,364	302,464	304,558	310,319	316,262	320,172	7
16,946	17,385	17,945	18,221	18,309	18,731	19,169	22,288	23,162	23,854	24,199	24,314	24,865	25,469	65,100	66,257	70,142	70,922	70,995	72,380	73,835	8
18,428	19,380	19,770	20,203	20,435	21,290	21,373	17,902	18,607	18,891	19,263	19,485	20,214	20,527	78,705	79,993	81,325	82,841	83,537	86,691	86,937	9
155	144	145	153	156	167	162	507	499	457	475	506	532	503	2,018	2,039	2,030	2,089	2,002	2,262	2,210	10
18,273	19,236	19,625	20,050	20,279	21,123	21,211	17,395	18,108	18,434	18,788	18,978	19,681	19,754	76,687	77,954	79,295	80,752	81,536	84,429	84,727	11
51,507	54,612	54,351	55,097	56,044	56,855	57,699	64,548	67,134	66,839	67,849	69,487	70,421	71,425	234,027	238,893	240,082	242,583	248,377	253,003	256,545	12
13,942	14,485	14,485	14,718	14,815	14,981	15,156	15,278	15,865	15,993	16,357	16,704	16,858	17,071	55,720	56,249	56,681	57,157	58,004	58,849	59,567	13
9,796	10,120	10,189	10,399	10,454	10,547	10,672	9,588	9,948	10,131	10,421	10,646	10,703	10,847	36,948	37,121	37,530	37,857	38,313	38,740	39,242	14
4,146	4,366	4,296	4,319	4,361	4,435	4,484	5,690	5,917	5,862	5,936	6,058	6,155	6,224	18,772	19,128	19,151	19,300	19,691	20,109	20,326	15
15,952	15,838	16,296	16,421	16,421	16,745	17,170	9,822	9,856	10,111	9,981	10,031	10,332	10,227	39,277	39,625	40,219	39,821	39,756	40,777	40,983	16
522	149	63	164	143	92	198	188	45	104	114	143	363	170	618	475	430	505	509	1,072	962	17
15,430	15,690	16,233	16,257	16,278	16,653	16,972	9,633	9,810	10,008	9,867	9,889	9,969	10,057	38,658	39,150	39,789	39,316	39,247	39,705	40,021	18
795	419	335	436	415	365	474	1,060	945	1,015	1,034	1,065	1,294	1,109	1,067	939	898	974	978	1,545	1,439	19
80,606	84,518	84,797	85,800	86,865	88,215	89,551	88,588	91,910	91,928	93,154	95,157	96,318	97,614	327,956	333,829	336,084	338,587	345,159	351,084	355,656	20
63,543	67,242	67,264	67,590	68,626	69,753	70,913	73,895	77,118	76,691	77,616	79,312	80,401	81,536	284,259	289,840	291,561	293,712	299,996	305,355	309,527	21
181	191	185	184	183	186	185	1,373	1,393	1,390	1,430	1,435	1,453	1,447	453	463	459	464	467	462	461	22
6,287	8,676	8,059	8,005	8,321	8,002	8,299	195	198	212	222	233	241	2,141	2,292	2,388	2,453	2,550	2,540	2,612	2,612	23
1,367	1,381	1,325	1,400	1,433	1,599	1,528	649	725	682	687	709	723	742	3,676	3,476	3,397	3,441	3,372	3,693	3,637	24
3,947	4,143	4,109	4,085	4,111	4,068	4,085	6,155	6,404	6,593	6,539	6,765	6,699	6,816	20,445	21,384	21,083	20,930	21,165	21,189	21,206	25
12,623	12,855	12,929	12,986	13,001	13,386	13,715	13,398	14,338	13,732	13,979	14,152	14,460	14,601	46,952	47,879	47,764	47,616	48,535	49,261	50,004	26
5,398	5,656	5,745	5,764	5,869	6,065	6,195	10,504	11,389	10,787	10,972	11,119	11,340	11,426	28,462	28,465	28,582	28,623	29,280	29,483	29,860	27
7,225	7,199	7,183	7,222	7,131	7,321	7,520	2,894	2,949	2,945	3,007	3,033	3,120	3,175	18,489	19,415	19,182	18,994	19,255	19,777	20,144	28
3,321	3,476	3,473	3,596	3,645	3,669	3,769	5,877	5,991	5,925	6,124	6,342	6,433	6,565	17,198	17,328	17,567	17,700	18,237	18,745	19,147	29
5,419	5,478	5,594	5,589	5,646	5,713	5,719	6,338	6,648	6,565	6,667	6,675	6,857	6,936	20,761	20,915	20,944	21,163	21,079	21,384	21,535	30
3,134	3,087	3,365	3,201	3,387	3,442	3,487	3,094	3,332	3,174	3,261	3,250	3,354	3,381	12,106	12,356	12,468	12,600	12,740	13,092	13,203	31
2,051	2,031	1,951	1,955	1,999	2,081	2,016	2,369	2,564	2,443	2,574	2,651	2,614	2,633	9,496	9,697	9,722	9,980	9,933	10,067	10,131	32
3,210	3,365	3,271	3,369	3,337	3,427	3,422	4,635	4,845	4,821	4,811	4,795	4,864	4,850	23,598	24,867	24,675	24,762	25,348	25,639	25,665	33
1,368	1,357	1,473	1,375	1,371	1,441	1,435	1,977	2,050	2,009	1,944	1,953	1,941	1,948	6,694	6,735	6,605	6,372	6,522	6,640	6,605	34
4,492	4,548	4,643	4,715	4,764	5,006	5,174	6,067	6,158	6,337	6,426	6,675	6,754	6,937	31,546	32,438	32,784	33,128	34,376	34,946	35,790	35
922	1,064	964	1,166	1,023	1,036	1,075	2,238	2,487	2,402	2,508	2,654	2,633	2,728	9,401	9,221	9,540	10,131	10,811	11,446	11,830	36
3,035	3,159	3,203	3,260	3,334	3,297	3,312	3,059	3,228	3,167	3,224	3,312	3,343	3,373	10,118	10,128	10,381	10,421	10,703	10,941	11,068	37
557	561	573	597	592	612	619	901	933	946	968	991	997	997	8,648	8,755	8,945	9,040	9,107	9,240	9,239	38
7,198	7,263	7,504	7,444	7,724	7,856	7,979	9,408	9,551	9,931	9,800	10,187	10,290	10,492	40,732	41,390	42,083	42,700	43,629	44,262	45,145	39
387	498	478	476	516	542	556	681	675	713	743	698	760	755	2,868	2,956	2,997	2,968	3,145	3,174	3,258	40
1,838	1,897	1,918	1,931	1,969	1,981	2,021	2,694	2,755	2,773	2,815	2,891	2,949	3,028	7,309	7,447	7,486	7,546	7,776	8,025	8,223	41
2,205	2,212	2,248	2,254	2,331	2,409	2,517	2,787	2,846	2,876	2,903	2,958	3,042	3,065	10,118	10,111	10,271	10,273	10,503	10,609	10,769	42
17,063	17,275	17,533	18,210	18,240	18,463	18,637	14,893	14,791	15,237	15,537	15,845	15,917	16,078	43,697	43,988	44,523	44,875	45,163	45,729	46,129	43
3,829	3,936	3,989	4,048	4,032	4,093	4,103	2,563	2,603	2,639	2,641	2,674	2,756	2,744	9,234	9,448	9,570	9,635	9,603	9,861	9,945	44
2,413	2,518	2,590	2,696	2,681	2,704	2,658	544	534	523	518	508	517	513	1,800	1,806	1,789	1,775	1,737	1,752	1,723	45
10,821	10,821	10,953	11,466	11,526	11,666	11,877	11,586	11,654	12,075	12,378	12,663	12,644	12,821	32,663	32,734	33,165	33,465	33,824	34,117	34,461	46

Table 5. Personal Income by Major Source

[Millions of dollars,

Line	Item	Rhode Island						South Carolina							
		2005	2006				2007	2005	2006				2007		
		IV ¹	I ²	II ³	III ⁴	IV ⁵	I ⁶	II ⁷	IV ⁸	I ⁹	II ¹⁰	III ¹¹	IV ¹²	I ¹³	II ¹⁴
Income by place of residence															
1	Personal income (lines 2-11).....	39,053	38,837	39,616	40,181	40,487	41,584	41,802	123,344	126,059	127,546	128,836	130,723	133,547	135,349
Derivation of personal income															
2	Earnings by place of work (lines 12-18 or 19-46).....	27,313	27,513	28,083	28,525	28,613	29,420	29,371	90,272	92,788	93,203	93,697	95,342	96,830	98,092
3	Less: Contributions for government social insurance ²	3,331	3,378	3,431	3,489	3,487	3,615	3,594	10,155	10,542	10,574	10,646	10,845	11,072	11,202
4	Employee and self-employed contributions for government social insurance.....	1,789	1,818	1,845	1,873	1,866	1,937	1,927	5,325	5,553	5,573	5,605	5,704	5,835	5,906
5	Employer contributions for government social insurance.....	1,541	1,560	1,586	1,616	1,621	1,678	1,667	4,830	4,989	5,001	5,042	5,141	5,237	5,297
6	Plus: Adjustment for residence ³	1,427	1,464	1,425	1,382	1,490	1,515	1,555	1,651	1,682	1,697	1,722	1,776	1,841	1,868
7	Equals: Net earnings by place of residence.....	25,410	25,599	26,076	26,419	26,616	27,319	27,333	81,768	83,927	84,327	84,773	86,273	87,599	88,757
8	Plus: Dividends, interest, and rent ⁴	6,768	6,367	6,556	6,658	6,701	6,851	7,013	19,126	18,960	19,577	19,889	19,999	20,492	21,030
9	Plus: Personal current transfer receipts.....	6,875	6,871	6,984	7,105	7,170	7,413	7,456	22,450	23,172	23,643	24,174	24,450	25,456	25,561
10	State unemployment insurance benefits.....	188	189	192	193	195	202	221	344	331	335	359	363	360	362
11	Personal current transfer receipts excluding state unemployment insurance benefits.....	6,687	6,683	6,792	6,911	6,975	7,211	7,235	22,106	22,841	23,308	23,815	24,088	25,095	25,199
Earnings by place of work															
Components of earnings:															
12	Wage and salary disbursements.....	19,726	19,922	20,315	20,747	20,808	21,459	21,393	65,641	67,680	67,850	68,361	69,837	70,966	71,997
13	Supplements to wages and salaries.....	4,836	4,822	4,934	4,985	5,013	5,129	5,124	16,624	16,918	17,079	17,199	17,419	17,596	17,835
14	Employer contributions for employee pension and insurance funds.....	3,295	3,263	3,348	3,369	3,392	3,451	3,457	11,794	11,929	12,077	12,157	12,278	12,359	12,538
15	Employer contributions for government social insurance.....	1,541	1,560	1,586	1,616	1,621	1,678	1,667	4,830	4,989	5,001	5,042	5,141	5,237	5,297
16	Proprietors' income ⁵	2,751	2,768	2,834	2,793	2,793	2,831	2,854	8,007	8,190	8,274	8,138	8,086	8,267	8,261
17	Farm proprietors' income.....	2	-1	1	0	1	3	0	301	319	270	278	275	377	318
18	Nonfarm proprietors' income.....	2,750	2,769	2,833	2,793	2,792	2,829	2,854	7,706	7,871	8,004	7,860	7,811	7,891	7,943
Earnings by industry															
19	Farm earnings.....	16	14	15	15	15	17	15	451	465	419	427	425	528	470
20	Nonfarm earnings.....	27,297	27,499	28,068	28,511	28,598	29,402	29,356	89,821	92,322	92,785	93,269	94,918	96,302	97,622
21	Private earnings.....	22,336	22,631	23,012	23,514	23,448	24,282	24,160	70,737	73,137	73,205	73,494	74,842	75,962	77,073
22	Forestry, fishing, related activities, and other ⁶	47	48	49	53	52	50	50	355	367	369	372	384	386	383
23	Mining.....	24	27	27	27	29	28	29	106	108	111	111	114	115	118
24	Utilities.....	271	276	271	286	282	282	288	1,207	1,272	1,297	1,228	1,271	1,123	1,152
25	Construction.....	1,638	1,658	1,736	1,717	1,748	1,776	1,786	6,702	6,966	7,131	7,064	7,110	7,129	7,184
26	Manufacturing.....	3,253	3,331	3,325	3,299	3,352	3,555	3,468	15,454	15,600	15,502	15,448	15,617	15,764	16,031
27	Durable goods.....	2,090	2,129	2,117	2,110	2,132	2,306	2,199	8,307	8,342	8,274	8,306	8,432	8,564	8,694
28	Nondurable goods.....	1,163	1,202	1,208	1,188	1,220	1,250	1,270	7,147	7,258	7,227	7,143	7,185	7,201	7,337
29	Wholesale trade.....	1,261	1,242	1,290	1,289	1,315	1,410	1,361	4,231	4,350	4,450	4,496	4,625	4,736	4,845
30	Retail trade.....	1,734	1,716	1,715	1,742	1,750	1,908	1,805	7,075	7,247	7,315	7,335	7,458	7,506	7,555
31	Transportation and warehousing.....	471	482	492	497	500	508	513	2,648	2,728	2,757	2,742	2,762	2,825	2,844
32	Information.....	970	922	916	906	903	914	916	1,687	1,926	1,772	1,787	1,785	1,805	1,813
33	Finance and insurance.....	2,049	2,116	2,078	2,142	2,270	2,226	2,222	4,227	4,710	4,531	4,601	4,643	4,776	4,778
34	Real estate and rental and leasing.....	496	503	502	480	473	497	499	1,899	1,992	1,989	1,920	1,959	2,013	2,009
35	Professional and technical services.....	2,026	2,072	2,096	2,757	2,122	2,342	2,281	5,600	5,691	5,851	5,939	6,147	6,298	6,467
36	Management of companies and enterprises.....	878	940	1,082	955	1,065	1,095	1,134	1,016	1,039	1,020	1,070	1,171	1,086	1,121
37	Administrative and waste services.....	850	862	876	875	903	915	921	4,193	4,280	4,247	4,323	4,448	4,568	4,613
38	Educational services.....	898	913	920	941	957	977	980	682	708	715	736	747	770	770
39	Health care and social assistance.....	3,571	3,611	3,699	3,619	3,754	3,782	3,848	7,011	7,325	7,285	7,418	7,494	7,842	8,011
40	Arts, entertainment, and recreation.....	267	272	276	275	281	295	302	696	701	710	708	730	741	756
41	Accommodation and food services.....	836	848	852	852	873	891	913	3,128	3,273	3,279	3,321	3,428	3,471	3,562
42	Other services, except public administration.....	793	790	807	803	818	832	845	2,822	2,853	2,874	2,874	2,950	3,009	3,061
43	Government and government enterprises.....	4,961	4,867	5,056	4,997	5,150	5,120	5,195	19,084	19,186	19,580	19,775	20,076	20,340	20,549
44	Federal, civilian.....	972	1,005	1,011	1,008	1,032	1,048	1,055	2,360	2,441	2,479	2,532	2,535	2,594	2,609
45	Military.....	493	496	501	481	505	520	542	3,324	3,409	3,440	3,482	3,447	3,574	3,599
46	State and local.....	3,496	3,367	3,544	3,507	3,613	3,552	3,598	13,400	13,336	13,661	13,762	14,094	14,173	14,341

See the footnotes at the end of the table.

and Earnings by Industry, 2005:IV-2007:II—Continues
 seasonally adjusted at annual rates]

South Dakota							Tennessee							Texas							Line
2005		2006			2007		2005		2006			2007		2005		2006			2007		
IV'	I'	II'	III'	IV'	I'	II'	IV'	I'	II'	III'	IV'	I'	II'	IV'	I'	II'	III'	IV'	I'	II'	
24,979	24,940	25,153	25,459	25,800	26,693	27,026	188,492	190,897	194,580	195,489	199,374	201,185	203,728	785,614	800,906	818,206	829,736	847,730	868,787	883,621	1
18,238	18,103	18,114	18,299	18,604	19,285	19,515	150,742	152,810	155,424	155,388	159,626	159,570	161,610	639,729	656,295	667,309	675,255	693,847	708,563	720,682	2
1,924	1,997	2,001	2,020	2,057	2,100	2,123	15,955	16,315	16,571	16,575	17,060	17,135	17,328	61,417	63,726	64,440	65,265	67,253	69,034	70,107	3
1,067	1,113	1,115	1,125	1,145	1,171	1,185	8,610	8,857	9,014	9,018	9,280	9,339	9,448	31,548	32,901	33,348	33,769	34,789	35,759	36,328	4
857	884	886	895	912	929	938	7,345	7,458	7,557	7,557	7,780	7,796	7,879	29,869	30,825	31,092	31,496	32,464	33,275	33,779	5
-199	-209	-206	-211	-216	-225	-229	-1,300	-1,285	-1,325	-1,279	-1,427	-1,327	-1,367	-1,718	-1,734	-1,777	-1,813	-1,911	-1,954	-2,010	6
16,115	15,897	15,907	16,068	16,331	16,960	17,163	133,487	135,210	137,528	137,534	141,139	141,108	142,915	576,593	590,835	601,093	608,177	624,683	637,575	648,566	7
5,221	5,189	5,319	5,392	5,427	5,531	5,643	22,221	22,858	23,629	23,881	23,809	24,353	24,923	110,421	109,717	114,792	116,925	117,191	120,689	124,108	8
3,643	3,854	3,927	4,000	4,042	4,202	4,219	32,784	32,829	33,424	34,074	34,426	35,723	35,889	98,599	100,354	102,321	104,634	105,856	110,522	110,947	9
23	24	26	20	21	27	28	429	413	415	417	418	422	454	1,254	1,183	1,156	1,198	1,167	1,223	1,167	10
3,621	3,830	3,902	3,979	4,021	4,175	4,191	32,354	32,416	33,008	33,657	34,008	35,301	35,435	97,345	99,170	101,165	103,436	104,688	109,299	109,780	11
12,031	12,409	12,431	12,563	12,836	13,047	13,230	103,269	105,050	106,838	107,092	110,624	110,607	112,160	420,033	433,528	439,423	446,138	461,558	471,338	479,947	12
2,984	3,049	3,076	3,115	3,155	3,190	3,228	24,693	24,788	25,250	25,306	25,875	25,732	26,063	97,089	99,100	100,616	102,096	104,631	106,352	108,126	13
2,127	2,165	2,190	2,220	2,243	2,261	2,290	17,349	17,329	17,693	17,749	18,096	17,936	18,184	67,220	68,275	69,523	70,600	72,167	73,077	74,347	14
857	884	886	895	912	929	938	7,345	7,458	7,557	7,557	7,780	7,796	7,879	29,869	30,825	31,092	31,496	32,464	33,275	33,779	15
3,223	2,646	2,607	2,621	2,613	3,048	3,057	22,779	22,972	23,336	22,990	23,127	23,231	23,387	122,602	123,667	127,271	127,022	127,658	130,873	132,610	16
923	306	232	282	280	692	694	255	157	79	48	33	50	48	1,826	864	839	1,016	979	1,780	1,662	17
2,300	2,340	2,375	2,339	2,333	2,355	2,363	22,524	22,815	23,257	22,941	23,093	23,181	23,339	120,781	122,803	126,432	126,006	126,679	129,093	130,948	18
1,072	454	381	431	429	842	846	434	343	266	236	221	239	239	2,979	1,763	1,748	1,931	1,897	2,705	2,596	19
17,166	17,649	17,733	17,868	18,175	18,443	18,670	150,308	152,467	155,158	155,152	159,405	159,331	161,371	636,750	654,532	665,561	673,324	691,951	705,858	718,087	20
13,633	14,093	14,136	14,226	14,508	14,764	14,967	129,065	131,259	133,343	133,111	137,021	136,924	138,750	542,435	559,209	567,777	573,859	590,602	603,501	614,432	21
99	105	104	106	109	125	125	322	332	329	323	347	337	337	1,538	1,582	1,515	1,495	1,529	1,519	1,512	22
61	63	68	67	67	70	72	326	380	358	372	409	433	446	41,245	44,050	47,651	48,372	50,789	52,002	53,595	23
226	228	219	224	218	239	246	373	385	386	393	398	399	408	12,493	12,989	13,042	12,969	13,270	13,501	13,759	24
1,165	1,220	1,217	1,198	1,211	1,213	1,202	9,066	9,112	9,309	9,135	9,774	9,255	9,280	41,846	44,192	44,346	44,487	46,109	46,705	47,394	25
2,034	2,168	2,128	2,136	2,186	2,247	2,286	25,459	25,795	25,616	25,586	25,958	25,868	26,265	82,867	86,830	85,484	87,065	89,622	91,162	92,872	26
1,330	1,372	1,389	1,379	1,427	1,454	1,473	15,373	15,667	15,698	15,690	15,980	15,909	16,104	45,636	49,053	48,291	49,260	51,733	51,628	52,402	27
704	796	739	757	760	793	813	10,086	10,129	9,918	9,896	9,978	9,959	10,160	37,231	37,777	37,193	37,805	37,890	39,534	40,470	28
1,001	1,004	1,023	1,010	1,030	1,045	1,067	8,600	8,753	8,975	8,940	9,298	9,217	9,411	38,386	38,913	40,006	40,827	42,145	42,465	43,379	29
1,363	1,380	1,398	1,412	1,436	1,438	1,453	11,272	11,420	11,584	11,632	11,819	12,098	12,196	39,856	39,917	40,424	40,558	40,706	42,451	42,916	30
581	638	635	643	652	668	674	8,957	9,097	9,167	9,281	9,451	9,469	9,533	27,784	28,531	29,534	29,704	30,404	31,431	31,759	31
378	407	395	403	415	420	422	2,974	3,139	3,162	3,016	3,527	3,148	3,160	20,314	20,809	20,422	20,754	21,177	21,746	21,854	32
1,299	1,339	1,368	1,392	1,411	1,438	1,449	8,858	9,107	9,160	9,274	9,400	9,506	9,511	39,727	41,026	41,376	41,915	42,240	44,121	44,233	33
448	418	409	390	386	390	381	3,380	3,451	3,444	3,297	3,362	3,359	3,330	18,241	17,920	17,762	17,124	17,855	17,744	17,746	34
638	670	680	699	731	725	745	10,127	10,411	10,519	10,698	11,225	11,038	11,319	54,891	56,609	58,117	59,757	61,763	62,800	64,847	35
224	213	218	215	223	227	237	1,703	1,877	2,212	1,798	2,014	2,054	2,119	6,098	5,804	5,529	6,515	6,399	6,758	7,036	36
364	371	387	376	398	407	412	7,411	7,536	7,637	7,720	7,867	8,013	8,106	24,508	25,556	25,646	26,062	26,941	28,404	28,773	37
185	191	192	199	204	204	205	2,160	2,166	2,251	2,256	2,327	2,359	2,360	4,854	4,911	5,091	4,981	5,253	5,299	5,292	38
2,313	2,392	2,394	2,451	2,486	2,548	2,603	17,151	17,224	18,034	17,920	18,223	18,572	18,924	50,518	50,908	53,092	52,299	54,181	54,808	56,046	39
192	192	194	199	203	207	208	1,861	1,862	1,635	1,922	1,800	1,786	1,829	4,231	4,377	4,414	4,466	4,513	4,738	4,760	40
516	531	543	536	560	558	574	4,515	4,650	4,686	4,696	4,872	5,009	5,133	16,017	16,928	16,726	17,005	17,371	17,593	18,205	41
547	562	564	570	582	596	607	4,748	4,761	4,879	4,850	4,950	5,002	5,083	17,021	17,357	17,601	17,505	18,332	18,254	18,455	42
3,532	3,556	3,597	3,641	3,667	3,679	3,702	21,243	21,209	21,815	22,041	22,384	22,407	22,622	94,314	95,323	97,785	99,465	101,349	102,357	103,654	43
840	862	875	880	873	896	897	4,324	4,387	4,439	4,541	4,543	4,615	4,619	15,935	16,457	16,787	16,913	16,922	17,185	17,251	44
423	430	427	431	424	424	423	997	999	997	1,003	994	996	998	11,760	12,221	12,513	12,962	13,146	13,445	13,522	45
2,269	2,264	2,295	2,331	2,369	2,359	2,382	15,922	15,823	16,379	16,497	16,847	16,796	17,005	66,620	66,645	68,484	69,590	71,281	71,726	72,881	46

Table 5. Personal Income by Major Source

(Millions of dollars.)

Line	Item	Utah						Vermont							
		2005		2006			2007		2005		2006			2007	
		IV ^r	I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p	IV ^r	I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p
Income by place of residence															
1	Personal income (lines 2–11).....	72,654	73,519	75,081	76,551	78,502	80,454	82,062	20,620	21,470	21,412	21,674	21,849	22,324	22,580
Derivation of personal income															
2	Earnings by place of work (lines 12–18 or 19–46).....	58,514	60,068	61,041	62,211	64,208	65,603	66,924	15,387	15,873	15,597	15,772	15,870	16,171	16,351
3	Less: Contributions for government social insurance ²	6,493	6,710	6,795	6,943	7,183	7,383	7,527	1,751	1,842	1,801	1,825	1,837	1,877	1,896
4	Employee and self-employed contributions for government social insurance.....	3,115	3,242	3,292	3,367	3,481	3,585	3,657	941	996	974	987	993	1,017	1,027
5	Employer contributions for government social insurance.....	3,378	3,468	3,503	3,576	3,702	3,798	3,870	810	846	827	838	844	861	868
6	Plus: Adjustment for residence ³	27	37	35	30	24	23	18	323	330	344	341	386	377	379
7	Equals: Net earnings by place of residence.....	52,048	53,396	54,281	55,298	57,049	58,242	59,415	13,959	14,361	14,139	14,288	14,420	14,672	14,834
8	Plus: Dividends, interest, and rent ⁴	12,717	11,880	12,391	12,654	12,755	13,143	13,546	3,240	3,492	3,585	3,624	3,627	3,695	3,767
9	Plus: Personal current transfer receipts.....	7,890	8,244	8,410	8,599	8,698	9,068	9,101	3,421	3,617	3,687	3,762	3,802	3,957	3,978
10	State unemployment insurance benefits.....	106	98	92	95	94	94	89	81	82	83	83	82	88	93
11	Personal current transfer receipts excluding state unemployment insurance benefits.....	7,784	8,146	8,317	8,504	8,604	8,974	9,012	3,340	3,535	3,605	3,680	3,720	3,869	3,885
Earnings by place of work															
Components of earnings:															
12	Wage and salary disbursements.....	41,528	42,735	43,359	44,415	46,096	47,171	48,224	10,905	11,403	11,133	11,294	11,393	11,591	11,739
13	Supplements to wages and salaries.....	10,554	10,693	10,899	11,090	11,392	11,574	11,804	2,673	2,731	2,694	2,724	2,729	2,760	2,789
14	Employer contributions for employee pension and insurance funds.....	7,176	7,225	7,396	7,514	7,690	7,776	7,934	1,863	1,886	1,867	1,886	1,885	1,899	1,921
15	Employer contributions for government social insurance.....	3,378	3,468	3,503	3,576	3,702	3,798	3,870	810	846	827	838	844	861	868
16	Proprietors' income ⁵	6,432	6,640	6,763	6,705	6,720	6,858	6,897	1,809	1,739	1,770	1,754	1,748	1,821	1,822
17	Farm proprietors' income.....	80	11	-2	15	12	50	23	103	25	18	27	26	88	79
18	Nonfarm proprietors' income.....	6,352	6,628	6,786	6,691	6,708	6,807	6,874	1,706	1,714	1,753	1,727	1,721	1,733	1,743
Earnings by industry															
19	Farm earnings.....	231	171	159	178	175	215	189	162	86	79	88	88	150	141
20	Nonfarm earnings.....	58,283	59,897	60,882	62,033	64,033	65,388	66,736	15,226	15,787	15,518	15,684	15,783	16,021	16,210
21	Private earnings.....	47,349	48,975	49,557	50,767	52,596	53,877	55,094	12,436	12,944	12,685	12,779	12,882	13,085	13,250
22	Forestry, fishing, related activities, and other ⁶	59	60	62	64	69	75	74	68	72	72	72	74	72	72
23	Mining.....	918	981	1,054	1,109	1,176	1,186	1,230	43	47	52	50	53	52	54
24	Utilities.....	437	495	487	475	550	480	491	253	218	235	226	231	230	236
25	Construction.....	4,736	5,011	5,288	5,371	5,761	5,937	6,089	1,183	1,181	1,204	1,185	1,198	1,202	1,206
26	Manufacturing.....	7,100	7,459	7,364	7,594	7,805	8,086	8,281	2,372	2,382	2,378	2,379	2,428	2,433	2,468
27	Durable goods.....	4,655	4,889	4,815	5,019	5,212	5,434	5,550	1,761	1,771	1,777	1,782	1,831	1,836	1,858
28	Non-durable goods.....	2,445	2,569	2,548	2,575	2,593	2,652	2,732	611	612	602	598	598	597	609
29	Wholesale trade.....	2,678	2,721	2,822	2,836	2,984	3,087	3,185	595	626	638	639	636	642	656
30	Retail trade.....	4,394	4,584	4,654	4,773	4,941	5,062	5,135	1,303	1,331	1,319	1,319	1,329	1,328	1,339
31	Transportation and warehousing.....	2,653	2,671	2,699	2,736	2,790	2,858	2,868	372	373	375	379	382	384	386
32	Information.....	2,180	1,793	1,813	1,837	1,809	1,796	1,822	321	329	324	321	326	312	313
33	Finance and insurance.....	3,433	3,525	3,625	3,623	3,736	3,844	3,895	704	799	726	741	711	824	813
34	Real estate and rental and leasing.....	1,294	1,310	1,313	1,290	1,322	1,337	1,341	213	215	220	211	208	214	213
35	Professional and technical services.....	4,662	4,914	5,065	5,196	5,263	5,534	5,731	1,113	1,351	1,165	1,189	1,181	1,209	1,240
36	Management of companies and enterprises.....	1,212	1,240	1,240	1,242	1,451	1,402	1,464	23	22	24	23	24	25	26
37	Administrative and waste services.....	2,113	2,178	2,173	2,268	2,436	2,332	2,367	335	340	336	339	349	357	360
38	Educational services.....	891	898	939	953	979	975	991	433	463	443	475	473	487	487
39	Health care and social assistance.....	4,301	4,671	4,434	4,792	4,773	5,010	5,122	1,903	1,963	1,944	1,984	2,031	2,058	2,100
40	Arts, entertainment, and recreation.....	522	558	557	540	552	593	613	132	135	139	137	136	141	141
41	Accommodation and food services.....	1,494	1,573	1,575	1,618	1,673	1,720	1,775	622	639	637	650	648	647	664
42	Other services, except public administration.....	2,272	2,331	2,391	2,450	2,528	2,565	2,620	447	459	455	461	463	472	479
43	Government and government enterprises.....	10,934	10,921	11,325	11,266	11,437	11,511	11,641	2,789	2,843	2,833	2,904	2,900	2,936	2,959
44	Federal, civilian.....	2,870	2,945	3,006	3,036	3,014	3,101	3,137	506	522	524	527	530	538	538
45	Military.....	891	896	880	879	870	867	872	157	151	148	146	142	144	141
46	State and local.....	7,173	7,081	7,439	7,351	7,553	7,543	7,633	2,126	2,169	2,161	2,232	2,228	2,254	2,281

See the footnotes at the end of the table.

and Earnings by Industry, 2005:IV-2007:II¹—Continues
 seasonally adjusted at annual rates]

Virginia						Washington						West Virginia						Line			
2005		2006			2007		2005		2006			2007		2005		2006			2007		
IV ¹	I ¹	II ¹	III ¹	IV ¹	I ¹	II ¹	IV ¹	I ¹	II ¹	III ¹	IV ¹	I ¹	II ¹	IV ¹	I ¹	II ¹	III ¹		IV ¹	I ¹	II ¹
292,760	298,201	301,092	303,612	306,623	314,722	318,868	230,536	237,280	240,673	246,823	249,109	253,547	258,004	48,789	50,132	50,791	51,310	51,923	52,823	53,424	1
232,413	239,111	240,054	241,048	243,621	250,100	253,404	179,817	184,756	186,331	191,847	193,519	196,110	199,705	33,912	34,607	34,925	35,214	35,832	36,203	36,653	2
25,196	26,175	26,214	26,338	26,612	27,510	27,835	22,021	22,692	22,714	23,318	23,498	23,925	24,372	4,543	4,692	4,729	4,765	4,859	4,933	4,979	3
13,038	13,615	13,648	13,703	13,839	14,336	14,512	9,995	10,393	10,452	10,796	10,855	11,069	11,281	2,043	2,128	2,148	2,170	2,211	2,250	2,273	4
12,158	12,560	12,566	12,635	12,773	13,175	13,323	12,025	12,299	12,262	12,522	12,643	12,856	13,091	2,500	2,564	2,581	2,594	2,648	2,683	2,706	5
8,129	8,209	8,231	8,476	8,554	8,635	8,617	2,733	2,861	2,845	2,821	2,937	3,025	3,047	946	955	947	950	951	1,006	1,023	6
215,345	221,144	222,071	223,187	225,563	231,225	234,185	160,529	164,926	166,461	171,350	172,959	175,210	178,380	30,315	30,870	31,144	31,399	31,925	32,277	32,697	7
45,947	44,102	45,387	46,028	46,245	47,227	48,259	40,057	41,180	42,538	43,268	43,577	44,673	45,865	6,329	6,609	6,806	6,871	6,854	6,992	7,137	8
31,468	32,955	33,634	34,397	34,814	36,270	36,423	29,951	31,175	31,673	32,205	32,573	33,664	33,759	12,145	12,653	12,841	13,039	13,144	13,554	13,590	9
321	321	324	352	373	369	371	739	760	732	691	752	707	685	173	143	151	152	151	171	167	10
31,147	32,635	33,310	34,045	34,441	35,902	36,052	29,212	30,415	30,942	31,513	31,821	32,957	33,074	11,973	12,509	12,690	12,887	12,993	13,383	13,423	11
169,227	174,746	175,018	176,053	178,475	183,681	186,373	129,075	132,920	133,784	138,625	140,024	141,861	144,915	23,298	23,941	24,084	24,328	24,845	25,119	25,433	12
42,559	43,529	43,939	44,316	44,575	45,561	46,110	32,059	32,755	33,014	33,937	34,113	34,370	35,086	7,252	7,346	7,410	7,487	7,563	7,611	7,702	13
30,401	30,969	31,374	31,681	31,802	32,387	32,787	20,033	20,456	20,752	21,415	21,470	21,514	21,995	4,752	4,782	4,829	4,893	4,915	4,928	4,997	14
12,158	12,560	12,566	12,635	12,773	13,175	13,323	12,025	12,299	12,262	12,522	12,643	12,856	13,091	2,500	2,564	2,581	2,594	2,648	2,683	2,706	15
20,627	20,837	21,096	20,680	20,571	20,857	20,921	18,683	19,082	19,533	19,285	19,382	19,879	19,704	3,362	3,321	3,432	3,399	3,424	3,473	3,517	16
326	147	120	161	155	229	230	133	44	120	125	181	430	129	-42	-78	-86	-77	-79	-80	-77	17
20,301	20,690	20,976	20,519	20,416	20,628	20,690	18,550	19,038	19,413	19,160	19,200	19,449	19,575	3,404	3,400	3,518	3,476	3,503	3,554	3,594	18
555	385	360	401	396	472	476	1,443	1,362	1,452	1,465	1,523	1,783	1,494	-10	-44	-52	-42	-45	-46	-42	19
231,857	238,726	239,694	240,647	243,226	249,628	252,928	178,374	183,394	184,879	190,382	191,997	194,327	198,211	33,921	34,652	34,977	35,257	35,877	36,249	36,695	20
175,923	181,128	181,128	181,637	183,463	188,792	191,591	144,010	148,338	149,427	154,428	155,801	157,935	161,432	26,064	26,781	27,048	27,203	27,800	28,166	28,538	21
296	309	309	308	316	320	319	1,894	1,980	2,022	2,127	2,094	2,149	2,137	114	117	119	119	125	124	123	22
1,117	1,137	1,200	1,242	1,224	1,271	1,303	320	336	352	352	365	398	412	2,446	2,562	2,637	2,746	2,742	2,816	2,883	23
1,804	1,967	1,844	1,973	1,970	2,071	2,122	637	699	671	679	707	737	747	574	666	524	663	589	656	674	24
16,234	16,860	16,630	16,237	16,035	16,117	16,192	13,210	13,345	13,782	14,058	14,569	14,931	15,164	2,212	2,284	2,427	2,293	2,474	2,486	2,475	25
17,725	18,027	17,926	18,063	17,893	18,646	18,771	22,547	24,130	23,960	22,894	24,755	24,984	25,803	3,963	4,013	4,052	3,917	4,037	4,033	4,109	26
10,336	10,543	10,535	10,708	10,581	11,222	11,170	16,901	18,238	18,240	17,056	18,872	18,872	19,587	2,169	2,216	2,209	2,179	2,274	2,210	2,245	27
7,389	7,484	7,391	7,354	7,313	7,424	7,601	5,645	5,892	5,720	5,838	5,929	6,112	6,217	1,794	1,797	1,843	1,737	1,763	1,823	1,864	28
8,576	8,835	8,928	9,062	9,162	9,349	9,529	9,052	9,276	9,377	9,359	9,873	9,827	10,097	1,323	1,379	1,419	1,423	1,481	1,461	1,479	29
12,924	13,288	13,338	13,294	13,315	13,549	13,570	12,437	12,640	12,549	12,785	12,978	13,207	13,407	2,472	2,503	2,574	2,542	2,616	2,623	2,635	30
6,177	6,256	6,218	6,352	6,259	6,335	6,379	5,787	5,863	5,995	6,075	6,129	6,286	6,320	1,237	1,236	1,262	1,271	1,290	1,312	1,308	31
9,541	9,919	9,485	9,190	9,354	9,350	9,375	11,165	11,162	11,114	16,365	12,522	11,880	12,555	615	625	627	617	619	616	619	32
13,753	13,634	13,451	13,385	13,160	13,791	13,836	10,218	10,749	10,357	10,291	10,690	10,935	10,951	1,069	1,105	1,128	1,109	1,113	1,114	1,120	33
5,528	5,797	5,723	5,441	5,459	5,504	5,504	3,930	4,117	4,137	4,085	4,078	4,138	4,121	389	401	408	386	404	420	419	34
34,660	36,061	36,716	37,105	38,357	39,643	40,707	14,552	14,685	15,169	15,176	16,062	16,742	17,174	1,782	1,815	1,852	1,862	1,902	1,936	1,999	35
7,568	8,075	8,023	8,165	8,126	8,902	9,189	3,201	3,360	3,659	3,414	3,558	3,611	3,748	251	251	263	274	283	298	311	36
7,363	7,560	7,554	7,675	7,844	8,081	8,211	6,289	6,639	6,531	6,746	6,810	7,082	7,169	864	867	871	868	882	901	919	37
2,336	2,388	2,398	2,468	2,546	2,667	2,687	1,380	1,393	1,411	1,434	1,466	1,524	1,509	196	197	197	208	208	212	209	38
16,069	16,319	16,634	16,854	17,214	17,537	17,835	15,721	15,994	16,164	16,467	16,816	16,958	17,310	4,327	4,493	4,424	4,553	4,558	4,713	4,767	39
1,356	1,479	1,521	1,453	1,582	1,483	1,513	1,794	1,905	1,806	1,843	1,833	1,877	1,920	316	310	308	310	318	329	338	40
5,475	5,710	5,664	5,703	5,835	6,000	6,137	4,819	4,972	5,179	5,055	5,189	5,193	5,324	927	944	960	969	1,006	963	1,000	41
7,420	7,507	7,565	7,668	7,813	8,142	8,313	5,055	5,093	5,195	5,224	5,305	5,474	5,563	987	1,012	997	1,072	1,134	1,150	1,150	42
55,935	57,598	58,566	59,010	59,763	60,835	61,337	34,364	35,057	35,452	35,955	36,196	36,392	36,779	7,857	7,871	7,930	8,054	8,077	8,083	8,157	43
17,130	17,738	18,083	18,283	18,475	18,744	18,740	6,036	6,224	6,317	6,313	6,263	6,231	6,220	1,915	1,968	1,999	2,026	2,038	2,080	2,102	44
13,912	14,430	14,557	14,858	14,920	15,194	15,327	5,636	5,824	5,879	5,956	5,898	5,980	6,083	399	383	374	370	364	368	374	45
24,894	25,431	25,926	25,868	26,368	26,897	27,270	22,692	23,010	23,256	23,685	24,035	24,181	24,475	5,542	5,520	5,557	5,658	5,675	5,634	5,681	46

Table 5. Personal Income by Major Source

(Millions of dollars.)

Line	Item	Line	Wisconsin						Wyoming							
			2005		2006			2007		2005		2006			2007	
			IV ¹	I ²	II ³	III ⁴	IV ⁵	I ⁶	II ⁷	IV ⁸	I ⁹	II ¹⁰	III ¹¹	IV ¹²	I ¹³	II ¹⁴
Income by place of residence																
1	Personal income (lines 2-11).....	1	184,195	188,817	190,344	192,362	194,745	199,122	201,686	19,501	19,976	20,691	21,255	21,650	22,124	22,425
Derivation of personal income																
2	Earnings by place of work (lines 12-18 or 19-46).....	2	139,705	143,160	143,185	144,422	146,646	149,561	151,412	13,996	14,389	14,991	15,515	15,915	16,221	16,426
3	Less: Contributions for government social insurance ²	3	15,860	16,441	16,424	16,561	16,822	17,172	17,364	1,507	1,584	1,657	1,727	1,775	1,817	1,837
4	Employee and self-employed contributions for government social insurance.....	4	8,176	8,526	8,531	8,606	8,737	8,934	9,039	780	821	857	890	912	936	947
5	Employer contributions for government social insurance.....	5	7,684	7,915	7,894	7,955	8,085	8,237	8,325	727	763	800	837	863	881	890
6	Plus: Adjustment for residence ³	6	3,348	3,398	3,436	3,427	3,477	3,579	3,621	-1	-2	-9	-16	-16	-17	-16
7	Equals: Net earnings by place of residence.....	7	127,194	130,117	130,197	131,288	133,301	135,968	137,669	12,488	12,804	13,325	13,772	14,125	14,387	14,573
8	Plus: Dividends, interest, and rent ⁴	8	30,735	31,841	32,854	33,303	33,390	34,136	34,911	4,598	4,638	4,781	4,845	4,859	4,962	5,065
9	Plus: Personal current transfer receipts.....	9	26,266	26,858	27,293	27,771	28,053	29,017	29,106	2,415	2,534	2,585	2,638	2,666	2,775	2,787
10	State unemployment insurance benefits.....	10	769	762	768	780	811	850	844	31	29	30	29	28	30	31
11	Personal current transfer receipts excluding state unemployment insurance benefits.....	11	25,497	26,096	26,525	26,991	27,242	28,167	28,262	2,384	2,505	2,555	2,609	2,638	2,745	2,757
Earnings by place of work																
Components of earnings:																
12	Wage and salary disbursements.....	12	102,620	105,745	105,655	106,734	108,732	110,473	112,023	9,525	9,926	10,357	10,789	11,104	11,326	11,483
13	Supplements to wages and salaries.....	13	24,918	25,417	25,412	25,708	25,975	26,279	26,617	2,307	2,376	2,485	2,561	2,633	2,667	2,699
14	Employer contributions for employee pension and insurance funds.....	14	17,235	17,502	17,519	17,753	17,889	18,042	18,293	1,580	1,613	1,685	1,723	1,770	1,786	1,809
15	Employer contributions for government social insurance.....	15	7,684	7,915	7,894	7,955	8,085	8,237	8,325	727	763	800	837	863	881	890
16	Proprietors' income ⁵	16	12,167	11,998	12,118	11,980	11,940	12,809	12,772	2,164	2,087	2,149	2,166	2,179	2,228	2,244
17	Farm proprietors' income.....	17	373	110	-3	86	79	780	678	56	-76	-100	-76	-86	-80	-88
18	Nonfarm proprietors' income.....	18	11,794	11,888	12,120	11,894	11,861	12,029	12,094	2,107	2,163	2,248	2,242	2,264	2,308	2,332
Earnings by industry																
19	Farm earnings.....	19	1,087	821	715	808	802	1,509	1,414	163	38	16	40	31	37	31
20	Nonfarm earnings.....	20	138,618	142,339	142,470	143,614	145,844	148,052	149,998	13,832	14,351	14,975	15,475	15,884	16,184	16,396
21	Private earnings.....	21	118,553	121,555	122,314	122,456	125,024	126,533	128,280	10,587	11,082	11,602	12,053	12,377	12,608	12,797
22	Forestry, fishing, related activities, and other ⁶	22	333	339	342	356	361	354	353	46	44	40	41	43	45	45
23	Mining.....	23	259	267	275	272	274	280	287	2,386	2,587	2,830	2,955	3,075	3,136	3,211
24	Utilities.....	24	1,235	1,244	1,222	1,264	1,286	1,291	1,316	230	255	249	214	262	243	249
25	Construction.....	25	9,182	9,242	9,346	8,986	9,072	9,414	9,346	1,208	1,294	1,370	1,396	1,517	1,559	1,537
26	Manufacturing.....	26	30,776	31,902	31,644	31,795	32,729	32,871	33,385	669	680	704	703	739	753	768
27	Durable goods.....	27	19,635	20,639	20,363	20,415	21,096	20,983	21,247	256	263	272	279	292	294	300
28	Nondurable goods.....	28	11,141	11,263	11,281	11,380	11,632	11,888	12,139	414	417	432	424	447	459	468
29	Wholesale trade.....	29	7,567	7,854	7,904	7,934	8,114	8,124	8,313	490	503	522	540	579	589	607
30	Retail trade.....	30	8,866	9,055	9,154	9,098	9,184	9,277	9,360	891	904	940	941	980	993	1,000
31	Transportation and warehousing.....	31	5,210	5,318	5,380	5,410	5,436	5,555	5,592	710	746	765	798	818	828	837
32	Information.....	32	3,115	3,137	3,094	3,141	3,277	3,274	3,290	181	186	187	185	192	194	194
33	Finance and insurance.....	33	9,065	9,523	9,458	9,454	9,531	9,572	9,566	419	429	440	430	449	448	447
34	Real estate and rental and leasing.....	34	1,854	1,908	1,905	1,827	1,822	1,873	1,869	409	416	414	406	428	423	420
35	Professional and technical services.....	35	7,915	8,125	8,263	8,429	8,664	8,730	8,947	629	646	678	705	711	729	755
36	Management of companies and enterprises.....	36	3,799	3,914	3,971	4,128	4,228	4,404	4,507	66	71	114	99	81	75	77
37	Administrative and waste services.....	37	3,761	3,861	3,944	3,909	4,018	4,172	4,266	233	236	248	250	266	282	282
38	Educational services.....	38	1,541	1,563	1,607	1,642	1,682	1,712	1,713	53	54	55	52	53	55	55
39	Health care and social assistance.....	39	15,737	15,810	16,144	16,126	16,537	16,695	17,037	952	959	969	996	1,013	1,038	1,062
40	Arts, entertainment, and recreation.....	40	1,087	1,096	1,201	1,170	1,121	1,156	1,187	123	127	123	127	127	130	132
41	Accommodation and food services.....	41	3,226	3,342	3,351	3,388	3,462	3,508	3,596	539	570	558	811	618	641	661
42	Other services, except public administration.....	42	4,025	4,056	4,113	4,127	4,225	4,270	4,352	354	377	397	403	427	446	456
43	Government and government enterprises.....	43	20,065	20,784	20,155	21,158	20,820	21,519	21,719	3,246	3,269	3,373	3,422	3,507	3,576	3,599
44	Federal, civilian.....	44	2,307	2,387	2,441	2,472	2,475	2,495	2,501	573	586	596	604	605	626	625
45	Military.....	45	709	703	684	675	662	674	668	351	363	359	359	354	349	349
46	State and local.....	46	17,049	17,694	17,030	18,010	17,683	18,351	18,550	2,322	2,320	2,418	2,459	2,549	2,601	2,625

See the footnotes at the end of the table.

and Earnings by Industry, 2005:IV-2007:II¹—Continues
 seasonally adjusted at annual rates]

New England							Mideast							Line
2005	2006				2007		2005	2006				2007		
IV ^a	I ^a	II ^a	III ^a	IV ^a	I ^a	II ^a	IV ^a	I ^a	II ^a	III ^a	IV ^a	I ^a	II ^a	
608,109	621,928	628,193	632,085	643,693	660,522	666,632	1,939,690	1,989,356	2,011,797	2,024,431	2,061,673	2,134,140	2,145,732	1
468,921	478,922	480,086	480,655	492,033	503,789	507,266	1,521,344	1,562,038	1,565,828	1,568,189	1,607,620	1,668,295	1,669,609	2
49,614	51,138	51,030	51,112	52,333	53,953	54,220	166,975	172,547	172,360	172,451	176,773	184,264	184,140	3
25,570	26,501	26,500	26,551	27,181	28,065	28,205	84,601	88,061	87,908	87,937	90,107	94,429	94,234	4
24,044	24,636	24,530	24,561	25,152	25,888	26,015	82,375	84,486	84,452	84,514	86,666	89,835	89,906	5
5,953	6,666	6,469	6,622	6,997	7,751	7,505	-17,667	-18,564	-18,341	-18,766	-19,302	-20,360	-20,091	6
425,260	434,450	435,526	436,164	446,696	457,587	460,550	1,336,702	1,370,927	1,375,127	1,376,972	1,411,545	1,463,671	1,465,377	7
99,307	102,693	106,388	107,950	108,149	110,831	113,602	309,992	317,167	330,551	335,637	335,513	344,583	353,460	8
83,542	84,784	86,279	87,971	88,848	92,104	92,479	292,996	301,262	306,120	311,821	314,615	325,886	326,894	9
2,236	2,223	2,234	2,316	2,327	2,384	2,430	6,594	6,596	6,416	6,642	6,489	6,884	6,772	10
81,306	82,562	84,044	85,655	86,521	89,720	90,049	286,401	294,666	299,705	305,179	308,125	319,001	320,122	11
338,403	347,132	347,017	348,471	358,354	367,789	370,456	1,094,577	1,129,263	1,128,064	1,132,540	1,166,277	1,215,495	1,215,086	12
75,746	76,487	76,678	76,780	78,280	79,877	80,435	247,629	251,542	253,401	253,715	258,960	266,623	267,099	13
51,702	51,850	52,148	52,219	53,127	53,989	54,420	165,254	167,056	168,949	169,202	172,294	176,788	177,193	14
24,044	24,636	24,530	24,561	25,152	25,888	26,015	82,375	84,486	84,452	84,514	86,666	89,835	89,906	15
54,772	55,303	56,392	55,404	55,399	56,123	56,374	179,139	181,233	184,363	181,934	182,383	186,178	187,424	16
120	21	31	50	60	206	166	1,475	1,034	941	1,097	1,122	2,294	2,002	17
54,652	55,282	56,361	55,354	55,338	55,916	56,209	177,664	180,199	183,422	180,838	181,261	183,884	185,422	18
541	456	468	488	497	647	611	2,712	2,314	2,229	2,388	2,412	3,596	3,315	19
468,380	478,466	479,618	480,167	491,535	503,142	506,655	1,518,633	1,559,724	1,563,599	1,565,801	1,605,207	1,664,699	1,666,294	20
407,509	417,249	417,639	417,523	428,144	439,073	441,910	1,265,449	1,307,632	1,301,971	1,308,084	1,342,625	1,401,228	1,401,000	21
1,117	1,152	1,167	1,172	1,156	1,160	1,155	2,831	2,833	2,830	2,836	2,878	2,898	2,874	22
648	719	767	781	802	814	839	4,135	4,236	4,467	4,596	4,735	4,809	4,954	23
4,181	4,059	4,041	4,046	4,127	4,325	4,319	15,511	15,426	15,454	15,454	15,647	15,947	16,127	24
27,829	28,045	28,369	27,798	27,822	27,785	27,780	78,430	81,091	81,526	80,383	81,739	82,096	82,781	25
59,741	60,441	60,492	60,410	61,884	63,209	64,048	134,329	138,199	137,111	136,790	140,118	143,850	145,255	26
41,616	41,789	41,864	41,826	43,218	44,246	44,692	72,154	73,302	73,779	73,731	75,905	75,749	76,885	27
18,125	18,652	18,628	18,583	18,666	18,963	19,356	62,175	64,898	63,332	63,060	64,213	68,101	68,370	28
23,315	25,369	24,509	24,820	24,879	25,549	26,014	75,610	76,319	77,992	77,524	79,027	80,762	82,242	29
29,652	29,652	29,858	29,680	29,375	30,322	30,443	83,169	84,885	85,058	85,473	86,373	87,838	88,419	30
8,925	9,098	9,179	9,280	9,557	9,668	9,748	40,343	41,147	41,624	41,947	42,465	43,745	43,873	31
15,462	15,657	15,697	15,495	16,129	16,055	16,113	68,515	69,077	69,015	68,905	70,715	71,491	71,749	32
55,224	56,957	55,335	55,048	58,455	61,549	59,220	183,372	203,547	189,733	191,332	200,020	233,920	217,042	33
10,437	10,491	10,383	9,862	10,266	10,382	10,236	36,827	37,319	36,863	36,429	37,064	38,215	38,251	34
50,713	52,736	53,046	54,537	55,210	56,691	58,007	174,625	179,257	181,292	183,384	189,100	193,568	198,585	35
12,535	12,960	13,617	12,699	13,916	14,359	14,820	38,913	39,821	39,853	41,627	42,932	45,686	46,942	36
14,730	15,015	15,407	15,353	15,818	16,333	16,532	50,412	50,764	51,039	51,499	52,755	53,761	53,997	37
12,747	13,045	13,033	13,379	13,634	14,061	14,067	30,946	31,408	32,087	32,396	32,966	33,631	33,707	38
52,296	53,309	53,988	54,431	55,768	56,811	57,948	152,756	155,038	157,842	158,814	162,344	165,638	168,784	39
4,221	4,286	4,349	4,197	4,424	4,552	4,671	15,619	16,306	16,438	16,426	17,904	17,142	17,711	40
11,664	12,091	12,063	12,110	12,362	12,643	12,951	34,710	36,047	36,277	36,598	37,562	38,746	39,577	41
12,072	12,167	12,338	12,424	12,561	12,807	12,999	44,394	44,911	45,472	45,673	46,280	47,484	48,131	42
60,871	61,217	61,980	62,644	63,391	64,069	64,745	253,184	252,093	261,628	257,717	262,582	263,472	265,293	43
9,780	10,053	10,177	10,237	10,260	10,535	10,582	66,461	67,934	68,619	69,199	69,220	70,594	70,857	44
3,262	3,321	3,332	3,294	3,250	3,279	3,325	12,309	12,539	12,715	12,934	12,802	12,911	12,891	45
47,828	47,843	48,470	49,113	49,881	50,255	50,838	174,414	171,619	180,294	175,583	180,559	179,967	181,545	46

Table 5. Personal Income by Major Source

[Millions of dollars,

Line	Item	Great Lakes						Plains							
		2005	2006				2007	2005	2006				2007		
		IV ¹	I ¹	II ¹	III ¹	IV ¹	I ¹	II ¹	IV ¹	I ¹	II ¹	III ¹	IV ¹	I ¹	II ¹
Income by place of residence															
1	Personal income (lines 2-11).....	1,556,661	1,585,503	1,603,575	1,615,775	1,630,273	1,667,485	1,686,479	669,501	681,699	691,741	694,991	705,455	722,992	732,264
Derivation of personal income															
2	Earnings by place of work (lines 12-18 or 19-46).....	1,203,807	1,224,379	1,230,554	1,235,344	1,248,453	1,274,200	1,287,604	519,603	527,948	533,181	532,624	542,772	555,122	561,959
3	Less: Contributions for government social insurance ²	132,243	135,772	136,067	136,655	138,067	141,420	142,741	58,649	60,435	61,000	60,906	62,120	63,466	64,163
4	Employee and self-employed contributions for government social insurance.....	66,609	68,804	69,123	69,483	70,183	72,013	72,721	30,390	31,467	31,796	31,730	32,343	33,101	33,483
5	Employer contributions for government social insurance.....	65,634	66,968	66,944	67,172	67,884	69,406	70,020	28,259	28,968	29,204	29,176	29,776	30,364	30,680
6	Plus: Adjustment for residence ³	5,441	5,507	5,586	5,561	5,731	5,845	5,921	-5,607	-5,646	-5,707	-5,656	-5,756	-5,886	-5,978
7	Equals: Net earnings by place of residence.....	1,077,005	1,094,114	1,100,074	1,104,250	1,116,116	1,138,625	1,150,785	455,347	461,868	466,474	466,062	474,895	485,770	491,818
8	Plus: Dividends, interest, and rent ⁴	245,886	252,950	261,151	264,571	264,937	270,935	277,194	116,725	117,896	121,458	123,193	123,737	126,415	129,199
9	Plus: Personal current transfer receipts.....	233,769	238,439	242,350	246,954	249,219	257,925	258,501	97,428	101,935	103,809	105,736	106,823	110,806	111,246
10	State unemployment insurance benefits.....	5,993	5,988	5,968	6,302	6,269	6,493	6,194	1,754	1,723	1,795	1,764	1,797	1,890	1,929
11	Personal current transfer receipts excluding state unemployment insurance benefits.....	227,776	232,451	236,382	240,652	242,950	251,433	252,307	95,674	100,212	102,015	103,973	105,026	108,917	109,317
Earnings by place of work															
Components of earnings:															
12	Wage and salary disbursements.....	870,141	887,401	889,467	894,632	906,470	924,200	935,415	372,370	381,072	384,569	384,337	393,140	399,770	405,319
13	Supplements to wages and salaries.....	210,478	212,548	214,440	216,184	217,489	220,717	223,201	89,948	91,072	92,435	92,465	93,942	95,012	96,258
14	Employer contributions for employee pension and insurance funds.....	144,844	145,580	147,496	149,013	149,604	151,310	153,181	61,689	62,105	63,231	63,289	64,165	64,648	65,578
15	Employer contributions for government social insurance.....	65,634	66,968	66,944	67,172	67,884	69,406	70,020	28,259	28,968	29,204	29,176	29,776	30,364	30,680
16	Proprietors' income ⁵	123,188	124,429	126,647	124,527	124,494	129,283	128,989	57,285	55,804	56,177	55,822	55,690	60,340	60,382
17	Farm proprietors' income.....	1,488	1,676	1,707	1,636	1,780	5,115	3,400	6,427	4,372	3,739	4,118	4,116	8,023	7,653
18	Nonfarm proprietors' income.....	121,699	122,754	124,941	122,891	122,714	124,168	125,089	50,858	51,433	52,439	51,704	51,574	52,316	52,729
Earnings by industry															
19	Farm earnings.....	3,926	4,031	4,088	4,034	4,182	7,537	6,343	8,790	6,629	6,022	6,417	6,419	10,346	9,997
20	Nonfarm earnings.....	1,199,881	1,220,347	1,226,466	1,231,310	1,244,271	1,266,663	1,281,261	510,813	521,319	527,159	526,207	536,353	544,776	551,962
21	Private earnings.....	1,027,884	1,047,072	1,051,309	1,052,895	1,065,034	1,085,620	1,098,562	426,672	435,921	440,810	438,387	447,777	455,359	461,549
22	Forestry, fishing, related activities, and other ⁶	1,490	1,498	1,492	1,503	1,548	1,553	1,548	1,507	1,537	1,541	1,540	1,607	1,583	1,579
23	Mining.....	5,647	6,057	6,503	6,659	6,741	6,957	7,159	3,115	3,384	3,551	3,500	3,631	3,713	3,805
24	Utilities.....	11,629	11,930	11,832	11,706	11,922	12,204	12,520	5,893	5,628	5,888	5,892	5,907	6,047	6,188
25	Construction.....	72,124	74,044	73,294	71,002	71,023	71,033	71,196	32,957	34,069	34,090	33,119	33,139	33,975	33,935
26	Manufacturing.....	231,534	234,633	233,761	235,035	236,016	241,306	244,686	77,456	79,653	80,204	78,966	81,793	82,783	84,064
27	Durable goods.....	161,907	163,887	163,712	164,466	164,547	168,038	169,839	48,956	50,024	50,735	49,610	52,119	52,596	53,210
28	Nondurable goods.....	69,628	70,747	70,049	70,569	71,469	73,269	74,846	28,500	29,628	29,469	29,356	29,674	30,187	30,854
29	Wholesale trade.....	67,041	68,245	69,283	69,404	70,537	71,606	73,016	30,486	31,404	31,477	31,561	32,015	32,403	33,075
30	Retail trade.....	72,415	73,296	73,851	73,501	74,043	75,121	75,552	33,398	33,802	34,247	34,094	34,362	34,721	35,017
31	Transportation and warehousing.....	44,156	45,326	45,763	46,563	46,421	47,739	47,982	20,664	20,996	21,156	21,394	21,652	22,110	22,250
32	Information.....	27,007	27,305	27,003	26,573	27,634	27,717	27,762	16,220	16,136	16,871	16,149	17,177	16,989	17,022
33	Finance and insurance.....	79,785	82,848	82,380	81,876	82,702	85,475	84,517	37,335	38,216	38,642	38,308	38,354	39,785	39,687
34	Real estate and rental and leasing.....	24,991	26,021	25,031	24,235	24,772	25,659	25,086	9,086	8,989	9,147	8,546	8,570	8,872	8,844
35	Professional and technical services.....	104,217	106,024	107,600	108,866	110,999	111,841	114,439	35,153	36,323	36,753	37,340	38,388	39,213	40,249
36	Management of companies and enterprises.....	33,741	33,956	34,581	35,677	35,992	37,438	38,595	16,484	16,863	16,852	16,838	17,370	17,228	17,900
37	Administrative and waste services.....	44,730	45,330	45,711	45,739	46,514	47,857	48,418	15,466	15,933	15,946	16,149	16,804	17,067	17,299
38	Educational services.....	13,882	14,319	14,385	14,839	15,192	15,404	15,339	6,249	6,406	6,518	6,652	6,787	6,929	6,930
39	Health care and social assistance.....	119,471	121,208	122,851	123,824	125,798	128,009	130,610	52,764	53,759	54,458	54,821	56,039	57,210	58,371
40	Arts, entertainment, and recreation.....	10,997	10,820	11,115	11,037	10,964	11,434	11,683	4,605	4,763	4,892	4,846	4,945	4,994	5,120
41	Accommodation and food services.....	27,882	28,847	28,940	28,952	29,693	30,232	30,927	12,410	12,837	12,812	12,844	13,178	13,346	13,667
42	Other services, except public administration.....	35,146	35,367	35,933	35,903	36,525	37,034	37,528	15,425	15,588	15,765	15,829	16,061	16,391	16,648
43	Government and government enterprises.....	171,997	173,276	175,158	178,415	179,237	181,043	182,699	84,140	85,398	86,350	87,820	88,576	89,417	90,413
44	Federal, civilian.....	24,946	25,527	25,811	25,947	25,961	26,292	26,337	13,880	14,267	14,418	14,517	14,436	14,718	14,734
45	Military.....	7,139	7,201	7,180	7,073	7,009	7,228	7,207	7,492	7,701	7,711	7,831	7,751	7,876	8,071
46	State and local.....	139,911	140,547	142,168	145,395	146,268	147,524	149,155	62,769	63,430	64,221	65,472	66,390	66,823	67,607

See the footnotes at the end of the table.

and Earnings by Industry, 2005:IV-2007:II—Continues
 seasonally adjusted at annual rates]

Southeast							Southwest							Line
2005	2006				2007		2005	2006				2007		
IV ^a	I ^a	II ^a	III ^a	IV ^a	I ^a	II ^a	IV ^a	I ^a	II ^a	III ^a	IV ^a	I ^a	II ^a	
2,405,047	2,438,789	2,469,920	2,500,535	2,534,590	2,590,662	2,626,749	1,136,710	1,164,280	1,185,485	1,204,384	1,226,708	1,256,940	1,277,020	1
1,764,793	1,806,280	1,817,541	1,834,189	1,864,123	1,896,895	1,921,747	902,025	929,791	941,017	954,380	976,487	996,514	1,012,157	2
194,175	200,966	201,941	204,027	207,564	212,263	214,691	89,759	93,647	94,239	95,680	98,069	100,595	101,983	3
101,966	106,185	106,918	108,096	109,946	112,639	113,983	46,284	48,537	48,938	49,674	50,892	52,286	53,031	4
92,209	94,780	95,023	95,931	97,618	99,625	100,708	43,475	45,110	45,302	46,006	47,177	48,309	48,952	5
10,591	10,778	10,736	11,014	11,101	11,358	11,370	401	397	382	343	317	312	296	6
1,581,208	1,616,093	1,626,336	1,641,175	1,667,660	1,695,990	1,718,426	812,667	836,541	847,160	859,043	878,735	896,231	910,471	7
427,590	423,631	438,630	446,319	449,194	460,587	472,412	168,901	168,568	175,826	179,023	179,626	184,754	189,854	8
396,249	399,065	404,954	413,041	417,735	434,086	435,911	155,142	159,171	162,499	166,318	168,347	175,955	176,695	9
6,182	4,960	4,377	4,681	4,964	5,142	5,258	1,773	1,650	1,636	1,718	1,706	1,792	1,752	10
390,067	394,105	400,577	408,360	412,771	428,944	430,653	153,369	157,521	160,864	164,600	166,641	174,162	174,943	11
1,270,789	1,306,542	1,312,276	1,327,433	1,354,160	1,378,725	1,398,348	603,247	625,939	631,332	642,513	661,236	674,985	686,215	12
308,129	313,064	315,815	319,805	323,435	327,618	331,817	140,444	144,116	145,652	148,247	151,106	153,491	155,781	13
215,920	218,284	220,792	223,874	225,817	227,993	231,108	96,969	99,007	100,350	102,241	103,928	105,182	106,829	14
92,209	94,780	95,023	95,931	97,618	99,625	100,708	43,475	45,110	45,302	46,006	47,177	48,309	48,952	15
185,875	186,674	189,451	186,951	186,529	190,552	191,582	158,334	159,736	164,033	163,620	164,145	168,038	170,161	16
8,611	6,677	5,930	6,280	6,195	8,658	8,526	2,997	1,226	1,084	1,436	1,377	2,316	2,226	17
177,264	179,996	183,520	180,671	180,333	181,894	183,056	155,337	158,510	162,949	162,185	162,768	165,722	167,935	18
12,414	10,495	9,792	10,170	10,092	12,588	12,492	5,145	3,162	3,040	3,404	3,347	4,303	4,231	19
1,752,379	1,795,785	1,807,749	1,824,019	1,854,031	1,884,307	1,909,255	896,880	926,630	937,977	950,977	973,139	992,211	1,007,926	20
1,421,000	1,458,327	1,468,242	1,475,134	1,502,402	1,526,386	1,547,809	751,196	777,972	787,973	796,530	817,993	834,644	848,481	21
6,542	6,728	6,698	6,783	6,869	6,838	6,797	2,282	2,357	2,295	2,286	2,330	2,315	2,302	22
14,845	15,468	16,242	16,743	17,175	17,590	18,032	49,975	55,311	58,494	59,212	62,134	62,980	64,973	23
16,303	16,347	16,238	16,173	16,219	16,281	16,687	15,519	16,027	16,088	16,093	16,451	16,942	17,179	24
125,216	128,118	130,674	129,288	130,823	129,430	130,386	62,297	66,236	66,139	66,170	67,741	68,173	68,791	25
210,813	216,630	214,498	215,480	218,563	220,616	223,980	111,683	116,715	115,260	117,115	120,537	121,590	123,842	26
121,830	126,109	125,247	126,331	128,489	129,278	130,895	64,430	68,857	68,005	69,141	72,551	71,733	72,779	27
88,984	90,522	89,251	89,149	90,095	91,337	93,085	47,253	47,858	47,255	47,974	47,986	49,857	51,064	28
93,036	95,118	96,965	97,692	99,922	101,188	103,305	50,390	51,282	52,676	53,744	55,425	56,056	57,314	29
123,652	126,664	128,194	128,324	129,565	130,978	132,089	60,429	61,251	61,480	61,918	63,853	64,504	66,504	30
66,436	67,262	68,132	68,871	69,793	71,032	71,287	36,400	37,329	38,738	38,748	39,723	41,157	41,426	31
54,216	55,218	54,348	53,694	55,158	55,456	55,211	26,120	26,939	26,255	26,742	27,232	27,903	27,980	32
103,059	106,227	106,241	107,340	108,351	111,381	111,660	54,529	56,500	56,371	57,130	57,401	59,880	59,912	33
41,274	42,890	42,482	41,217	41,822	42,346	42,271	25,843	25,619	25,398	24,571	25,389	25,391	25,377	34
146,637	152,031	154,521	157,034	161,825	165,644	170,111	73,864	76,160	78,548	81,112	83,683	85,924	88,687	35
37,881	37,690	37,643	36,552	37,416	40,205	40,767	9,104	9,009	8,672	10,064	9,846	10,552	10,645	36
76,273	79,886	79,579	80,215	81,389	83,277	84,364	37,314	38,780	39,088	39,640	41,007	42,524	42,993	37
17,851	18,507	18,736	19,221	19,726	20,198	20,240	7,247	7,360	7,590	7,516	7,786	7,909	7,924	38
161,962	165,374	168,276	170,165	174,192	177,551	181,190	74,649	75,728	78,523	78,105	80,712	82,033	83,813	39
17,993	18,457	18,553	18,737	19,224	19,787	20,268	6,284	6,662	6,770	6,711	6,971	7,239	7,349	40
52,836	54,685	54,583	55,482	56,980	58,150	59,764	23,906	25,065	24,992	25,359	25,940	26,374	27,202	41
54,175	55,028	55,638	56,122	57,369	58,439	59,400	24,008	24,463	24,827	24,733	25,767	25,849	26,268	42
331,379	337,458	339,508	348,886	351,628	357,921	361,446	145,684	148,658	150,004	154,447	155,147	157,567	159,445	43
64,923	66,766	67,937	68,672	68,972	70,223	70,409	26,866	27,697	28,185	28,440	28,434	28,879	29,058	44
52,737	54,188	54,475	55,255	55,313	56,449	56,903	17,457	18,066	18,424	19,034	19,176	19,542	19,561	45
213,719	216,504	217,096	224,959	227,343	231,250	234,135	101,360	102,895	103,395	106,973	107,537	109,146	110,826	46

Table 5. Personal Income by Major Source and Earnings by Industry, 2005:IV–2007:II—Table Ends

(Millions of dollars, seasonally adjusted at annual rates)

Line	Item	Rocky Mountain						Far West							
		2005		2006		2007		2005		2006		2007			
		IV ^a	I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p	IV ^r	I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p
Income by place of residence															
1	Personal income (lines 2–11).....	341,296	349,884	354,588	361,004	366,815	374,942	380,421	1,892,617	1,936,548	1,956,920	1,983,216	2,011,399	2,051,084	2,080,116
Derivation of personal income															
2	Earnings by place of work (lines 12–18 or 19–46).....	268,882	276,921	278,633	283,688	289,512	294,915	298,898	1,484,090	1,523,623	1,525,593	1,542,835	1,569,297	1,592,407	1,612,037
3	Less: Contributions for government social insurance ²	28,509	29,713	29,791	30,356	31,061	31,802	32,226	167,064	173,047	172,168	174,173	177,161	180,557	182,719
4	Employee and self-employed contributions for government social insurance.....	13,987	14,677	14,748	15,059	15,400	15,796	16,015	82,550	85,860	85,413	86,309	87,624	89,478	90,577
5	Employer contributions for government social insurance.....	14,523	15,036	15,043	15,297	15,661	16,007	16,212	84,514	87,188	86,755	87,863	89,537	91,079	92,142
6	Plus: Adjustment for residence ³	1,150	1,176	1,176	1,207	1,214	1,232	1,253	-1,556	-1,585	-1,576	-1,615	-1,630	-1,617	-1,662
7	Equals: Net earnings by place of residence.....	241,523	248,383	250,017	254,539	259,665	264,345	267,925	1,315,470	1,348,991	1,351,850	1,367,048	1,390,506	1,410,232	1,427,656
8	Plus: Dividends, interest, and rent ⁴	61,164	61,331	63,611	64,626	64,829	66,510	68,255	338,162	339,384	352,485	358,793	360,672	370,607	381,049
9	Plus: Personal current transfer receipts.....	38,610	40,169	40,960	41,838	42,321	44,087	44,241	238,985	248,173	252,585	257,376	260,220	270,245	271,411
10	State unemployment insurance benefits.....	609	593	577	581	593	621	596	5,746	5,849	5,776	6,004	6,367	6,538	
11	Personal current transfer receipts excluding state unemployment insurance benefits.....	38,000	39,577	40,383	41,258	41,728	43,466	43,645	233,239	242,257	246,736	251,600	254,217	263,878	264,873
Earnings by place of work															
Components of earnings:															
12	Wage and salary disbursements.....	184,401	191,288	191,877	196,269	201,394	205,222	208,548	1,037,900	1,071,458	1,069,320	1,086,065	1,108,961	1,125,047	1,141,519
13	Supplements to wages and salaries.....	44,274	45,320	45,689	46,688	47,346	47,986	48,659	255,249	260,427	260,726	264,067	267,542	270,227	273,970
14	Employer contributions for employee pension and insurance funds.....	29,751	30,283	30,647	31,391	31,685	31,979	32,447	170,735	173,239	173,971	176,204	178,006	179,148	181,828
15	Employer contributions for government social insurance.....	14,523	15,036	15,043	15,297	15,661	16,007	16,212	84,514	87,188	86,755	87,863	89,537	91,079	92,142
16	Proprietors' income ⁵	40,207	40,313	41,067	40,731	40,772	41,708	41,692	190,941	191,738	195,547	192,703	192,793	197,132	196,548
17	Farm proprietors' income.....	807	43	-87	137	166	509	244	3,692	702	1,297	1,454	1,848	4,162	2,702
18	Nonfarm proprietors' income.....	39,400	40,270	41,153	40,594	40,606	41,199	41,447	187,249	191,036	194,251	191,249	190,946	192,970	193,846
Earnings by industry															
19	Farm earnings.....	2,244	1,493	1,383	1,619	1,654	2,010	1,758	12,010	9,618	10,276	10,467	10,859	13,250	11,871
20	Nonfarm earnings.....	266,638	275,428	277,250	282,068	287,859	292,906	297,141	1,472,080	1,514,005	1,515,317	1,532,368	1,558,438	1,579,156	1,600,166
21	Private earnings.....	219,467	227,693	229,096	232,843	238,255	242,908	246,591	1,222,900	1,258,571	1,257,355	1,269,294	1,293,293	1,309,727	1,327,586
22	Forestry, fishing, related activities, and other ⁶	897	933	944	953	968	976	971	9,998	10,108	9,835	10,442	10,531	10,721	10,645
23	Mining.....	7,645	8,323	9,040	9,169	9,800	10,141	10,479	6,478	6,961	7,599	7,816	8,258	8,318	8,495
24	Utilities.....	2,343	2,478	2,486	3,206	2,477	2,500	2,563	14,057	14,384	14,651	14,235	14,747	14,527	14,854
25	Construction.....	22,463	23,307	23,801	23,651	24,119	24,633	24,733	112,259	113,184	114,252	113,948	114,935	115,786	116,198
26	Manufacturing.....	24,354	25,023	24,771	25,337	25,821	26,441	26,568	168,465	177,542	172,833	170,844	177,744	179,786	182,728
27	Durable goods.....	16,335	16,845	16,616	17,118	17,468	17,720	17,900	118,344	127,187	122,939	119,785	125,514	125,996	127,835
28	Non-durable goods.....	8,019	8,179	8,155	8,218	8,354	8,720	8,668	50,121	50,355	49,894	51,058	52,230	53,790	54,893
29	Wholesale trade.....	12,559	12,879	13,193	13,285	13,841	14,290	14,618	71,675	73,478	74,675	75,343	78,215	78,425	80,103
30	Retail trade.....	18,013	18,480	18,814	18,864	19,488	19,775	20,008	98,568	100,629	99,734	101,055	101,909	103,112	103,931
31	Transportation and warehousing.....	9,143	9,488	9,560	9,903	9,846	9,995	10,086	44,385	45,855	46,264	47,119	47,289	48,135	48,538
32	Information.....	14,194	14,697	14,034	14,095	14,477	14,273	14,415	72,203	72,741	71,124	76,910	74,282	73,010	73,870
33	Finance and insurance.....	16,424	17,156	17,151	16,974	17,362	17,638	17,675	100,911	101,848	101,790	101,093	102,547	102,993	102,648
34	Real estate and rental and leasing.....	8,350	8,326	8,254	7,972	8,114	8,194	8,148	43,480	45,906	45,376	43,410	44,039	44,814	44,528
35	Professional and technical services.....	26,057	27,114	27,622	28,302	29,226	29,976	30,917	148,275	155,331	156,511	158,937	164,025	167,335	171,481
36	Management of companies and enterprises.....	4,812	5,336	5,318	5,450	5,891	6,120	6,322	28,742	30,990	30,073	29,903	30,350	32,391	33,272
37	Administrative and waste services.....	9,575	10,037	9,958	10,150	10,583	10,602	10,727	54,540	56,747	57,031	57,705	58,979	60,032	60,728
38	Educational services.....	2,557	2,573	2,668	2,694	2,770	2,820	2,837	15,207	15,443	15,687	16,032	16,347	16,645	16,597
39	Health care and social assistance.....	20,868	21,665	21,544	22,348	22,587	23,257	23,747	119,257	121,964	123,124	125,769	128,012	130,126	132,795
40	Arts, entertainment, and recreation.....	3,017	3,207	3,102	3,143	3,284	3,293	3,384	21,018	21,056	21,165	21,920	21,814	22,494	23,039
41	Accommodation and food services.....	7,876	8,152	8,168	8,569	8,602	8,807	9,044	52,042	53,025	53,504	54,221	55,968	56,996	58,446
42	Other services, except public administration.....	8,321	8,518	8,667	8,779	8,998	9,176	9,348	41,340	41,378	42,125	42,592	43,303	44,079	44,691
43	Government and government enterprises.....	47,171	47,736	48,154	49,225	49,604	49,998	50,550	249,179	255,434	257,962	263,074	265,145	269,430	272,580
44	Federal, civilian.....	10,459	10,722	10,878	10,956	10,887	11,182	11,263	36,911	37,649	38,029	38,085	38,063	38,475	38,687
45	Military.....	5,442	5,550	5,507	5,494	5,435	5,479	5,543	27,831	28,756	29,124	29,723	29,670	30,297	30,530
46	State and local.....	31,270	31,464	31,769	32,776	33,281	33,337	33,744	184,437	189,029	190,809	195,266	197,412	200,657	203,363

p Preliminary

r Revised

D Not shown to avoid disclosure of confidential information, but the estimates for this item are included in the total.

1. The estimates of earnings are based on the 2002 North American Industry Classification System (NAICS).

2. Contributions for government social insurance are included in earnings by type and industry, but they are excluded from personal income.

3. The adjustment for residence is the net inflow of the earnings of interarea commuters. For the United States, it consists of adjustments for border workers: Wage and salary disbursements to U.S. residents commuting to Canada less

wage and salary disbursements to Canadian and Mexican residents commuting into the United States.

4. Rental income of persons includes the capital consumption adjustment.

5. Proprietors' income includes the inventory valuation adjustment and the capital consumption adjustment.

6. "Other" consists of the wage and salary disbursements of U.S. residents employed by international organizations and foreign embassies and consulates in the United States.

NOTE: The personal income level shown for the United States is derived as the sum of the state estimates. It differs from the estimate of personal income in the national income and product accounts because of differences in coverage, in the methodologies used to prepare the estimates, and in the timing of the availability of source data.

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*Joint release by Bureau of the Census and the Bureau of Economic Analysis

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*Joint release by Bureau of the Census and the Bureau of Economic Analysis