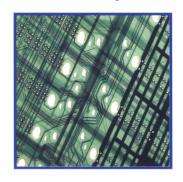


SURVEY OF CURRENT BUSINESS

BEA's MONTHLY JOURNAL



In This Issue . . .

Research and Development Satellite Account Update
United States-Canadian Current-Account Reconciliation,
2008 and 2009

Gross Domestic Product by State, 1963-2009









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The SURVEY OF CURRENT BUSINESS (ISSN 0039-6222) is published monthly by the Bureau of Economic Analysis of the U.S. Department of Commerce. Send editorial correspondence to customerservice@bea.gov.

Subscriptions to the SURVEY OF CURRENT BUSINESS are maintained, and the prices are set, by the U.S. Government Printing Office, an agency of the U.S. Congress.

To subscribe call 202-512-1800 or go to bookstore.gpo.gov.

Subscription and single-copy prices Second-class mail: \$63.00 domestic, \$88.20 foreign First-class mail: \$105.00 Single copy: \$25.00 domestic, \$35.00 foreign

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The Secretary of Commerce has determined that the publication of this periodical is necessary in the transaction of the public business required by law of the Department.

SURVEY OF CURRENT BUSINESS

December 2010

Volume 90 • Number 12

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Looking Ahead

Annual Industry Accounts. Revised estimates for 2007–2009.Regional Quarterly Report. State personal income for the third quarter of 2010 and county compensation for 2009.

Director's Message

In this issue, we present an update to our research and development (R&D) satellite account, which provides a wealth of statistics about the effects of R&D on the economy. This update includes several improvements, including more statistics on R&D by nonprofit industries and government as well as expanded detail on the finance, insurance, real estate, rental, and leasing industry. Currently, the Bureau of Economic Analysis (BEA) plans to incorporate R&D spending, treated as investment, into its core economic accounts beginning in 2013.

Also in this issue, we discuss the comprehensive revision of gross domestic product by state statistics, including advance statistics for 2009 and revised statistics for 1963–2008. The comprehensive revision featured several improvements, including updated industry classifications, improved methodologies, and newly available and revised source data.

Elsewhere in this issue, we present the second estimates of gross domestic product (GDP) for the third quarter. Estimates of government receipts and expenditures for the third quarter are also presented.

I'd like to also note that BEA recently celebrated the 75th anniversary of GDP and the national accounts in conjunction with our annual awards ceremony. We were honored to have Secretary of Commerce Gary Locke and Acting Deputy Secretary of Commerce Rebecca M. Blank as guest speakers. We have included their remarks in this issue.

J. Steven Landefeld

Director, Bureau of Economic Analysis

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Taking Account...

The effects of terms of trade on the economy

Over the past half century, tariffs have declined, advances in technology have lowered trading costs, and advances in logistics have made complex, transnational supply chains more manageable. The result has been a long-running expansion in trade. Export and import prices have thus taken on increased importance in determining the real purchasing power of the income that nations receive from production of goods and services.

In a recent working paper, Marshall B. Reinsdorf, an economist at the Bureau of Economic Analysis (BEA), developed a framework for measuring the effects of changes in export and import prices on real income, developed techniques for the analysis of those effects, and estimated the amount and sources of changes in trading gains for the United States from 1973 to 2008.

This research was the basis for the changes in the calculation of "command-basis" gross national product and the addition of a command-basis gross domestic product (GDP) series as part of the 2010 annual revision of the national income and product accounts (NIPAs).

The NIPA concept of command-basis GDP is called "real gross domestic income" in the United Nations *System of National Accounts* (SNA 2008). Reinsdorf's paper adopts the terminology of the SNA, so it

uses "real gross domestic income (GDI)" to refer to the NIPA concept of command-basis GDP. Because nominal domestic production, as measured by GDP, is conceptually identical to the nominal gross income arising from production, as measured by nominal GDI, one might suppose that real GDI must equal real GDP. Yet, because trade allows a nation to consume a different mix of commodities than it produces, expanding the frontier of consumption possibilities, the price index for GDP is not the appropriate deflator to calculate real GDI.

To determine the purchasing power of the income arising from gross domestic production, Reinsdorf proposes a price index that reflects the composition of the uses of income, not the composition of output. Thus, a suitable deflator to calculate real GDI is the price index for gross domestic purchases. This is different from the price index for GDP, which includes an export component and a negatively weighted import component. Differences in the behavior of export and import prices are measured by the trading gains index, so real GDI depends both on real GDP and on trading gains.

Reinsdorf applies this concept to estimate the effect of export and import price changes on the U.S. economy from 1973 to 2008. In some years, the effects are significant. Trading gains subtract at least 0.21 percentage point from real GDI in a quarter of the years, and they add at least 0.18 percentage point in a quarter of the years.

Occasionally, the shocks are larger. The petroleum price shocks that occurred at the end of 1973 and in 1980 subtracted more than a percentage point from real GDI. The shock in the first half of 2008 in combination with rising prices of other imports subtracted almost 2 percentage points from annualized growth rate of real GDI. The rising price of petroleum imports has also resulted in a slightly negative long-run trend in trading gains for the United States.

When petroleum prices are excluded, however, large effects of falling prices for imports from newly industrialized countries, such as China, are revealed. Excluding petroleum, U.S. terms of trade improved steadily from 1996 to 2007. Combined with the contribution from a falling relative price of tradables, this improvement added an average of 0.15 percentage point to the annual growth rate of real GDI, or a cumulative 1.8 percent over 12 years.

Reindorf's working paper, titled "Terms of Trade Effects: Theory and Measurement," can be found on the BEA Web site under "Papers and Working Papers."

A version of this paper was also published in a June 2010 special issue of the *Review of Income and Wealth*.

December 2010

GDP and the Economy

Second Estimates for the Third Quarter of 2010

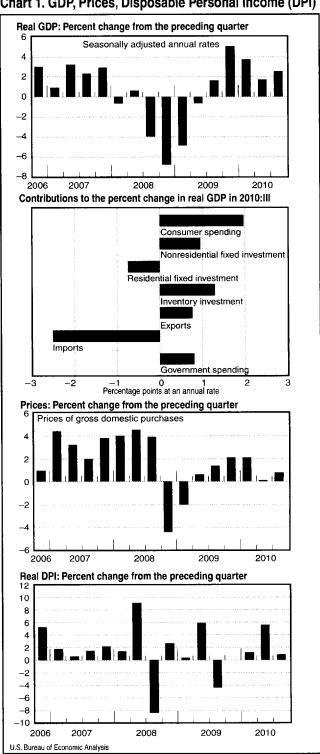
DEAL GROSS domestic product (GDP) increased K2.5 percent in the third quarter, according to the second estimates of the national income and product accounts (NIPAs) (chart 1 and table 1).1 The second estimate of real GDP growth was revised up 0.5 percentage point from the advance estimate, reflecting upward revisions to consumer spending, to exports, and to state and local government spending that were partly offset by a downward revision to inventory investment (page 9).2 In the second quarter, real GDP increased 1.7 percent.

The acceleration in real GDP in the third quarter primarily reflected a sharp deceleration in imports and accelerations in inventory investment and in consumer spending that were partly offset by a downturn in residential fixed investment and decelerations in nonresidential fixed investment and in exports.

- Prices of goods and services purchased by U.S. residents increased 0.8 percent in the third quarter, unrevised from the advance estimate, after increasing 0.1 percent. Energy prices turned up, and food prices decelerated slightly. Excluding food and energy, gross domestic purchases prices increased 0.6 percent after increasing 0.8 percent.
- Real disposable personal income (DPI) increased 0.9 percent in the third quarter, 0.4 percentage point more than in the advance estimate; in the second quarter, it increased 5.6 percent (revised). The sharp deceleration reflected a deceleration in personal income, an acceleration in personal current taxes, and an acceleration in the PCE implicit price deflator, which is used to deflate current-dollar DPI.
- The personal saving rate, personal saving as a percentage of current-dollar DPI, was 5.8 percent in the third quarter; in the second quarter, it was 6.2 percent (revised).

Christopher Swann prepared this article.

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



^{1. &}quot;Real" estimates are in chained (2005) dollars, and price indexes are chain-type measures. Each GDP estimate for a quarter (advance, second, and third) incorporates increasingly comprehensive and improved source data. More information can be found at www.bea.gov/about/infoqual.htm and www.bea.gov/faq/national/gdp_accuracy.htm. Quarterly estimates are expressed at seasonally adjusted annual rates, which assumes that a rate of activity for a quarter is maintained for a year.

^{2.} In this article, "consumer spending" refers to "personal consumption expenditures (PCE)," "inventory investment" refers to "change in private inventories," and "government spending" refers to "government consumption expenditures and gross investment.

Real GDP Overview

Table 1. Real Gross Domestic Product and Components

[Seasonally adjusted at annual rates]

	Share of current- dollar GDP (percent)	t	recedii	ge from ng peri cent)	od	ch	tributio ange in ercenta	real GI	DP
	2010	2009		2010		2009		2010	
	III	IV	1	II	III	IV	1	II	III
Gross domestic product 1	100.0	5.0	3.7	1.7	2.5	5.0	3.7	1.7	2.5
Personal consumption expenditures	70.4	0.9	1.9	2.2	2.8	0.69	1.33	1.54	1.97
Goods	23.1	1.7	5.7	3.4	3.5	0.42	1.29	0.79	0.81
Durable goods	7.4	-1.1	8.8	6.8	7.4	-0.07	0.62	0.49	0.53
Nondurable goods	15.8	3.1	4.2	1.9	1.8	0.49	0.67	0.31	0.28
Services	47.2	0.5	0.1	1.6	2.5	0.27	0.03	0.75	1.16
Gross private domestic investment	12.8 12.0	26.7 –1.3	29.1 3.3	26.2 18.9	12.4 1.7	2.70 -0.12	3.04 0.39	2.88 2.06	1.51 0.20
Nonresidential	9.8	-1.4	7.8	17.2	10.3	-0.12	0.39	1.51	0.20
		364	CONTROL SERVICE	11 3 Maria 18 19	30 6 36 4		026 EE 1820	0.002504	100000
Structures Equipment and software	2.6 7.2	-29.2 14.6	-17.8 20.4	-0.5 24.8	-5.7 16.8	-1.01 0.91	-0.53 1.24	-0.01 1.52	-0.15 1.11
Residential	2.2	-0.8	-12.3	25.7	-27.5	-0.02	-0.32	0.55	-0.75
Change in private inventories	0.9					2.83	2.64	0.82	1.30
Net exports of goods and services	-3.7					1.90	-0.31	-3.50	-1.76
Exports	12.5	24.4	11.4	9.1	6.3	2.56	1.30	1.08	0.77
Goods	8.7	31.7	14.0	11.5	5.5	2.19	1.09	0.93	0.47
Services	3.8	10.2	5.8	3.9	8.1	0.37	0.21	0.15	0.30
Imports	16.3	4.9	11.2	33.5	16.8	-0.66	-1.61	-4.58	-2.52
Goods	13.5	6.2	12.0	40.5	17.5	-0.68	-1.41	-4.46	-2.17
Services	2.8	-0.5	7.8	4.3	13.7	0.02	-0.20	-0.12	-0.36
Government consumption expenditures and gross investment	20.5	-1.4	-1.6	3.9	4.0	-0.28	-0.32	0.80	0.81
Federal	8.4	0.0	1.8	9.1	8.9	0.01	0.15	0.72	0.71
National defense	5.6	-2.5	0.4	7.4	8.5	-0.13	0.02	0.40	0.46
Nondefense	2.7	5.6	5.0	12.8	9.5	0.14	0.13	0.32	0.25
State and local	12.1	-2.3	-3.8	0.6	0.8	-0.29	-0.48	0.08	0.10

^{1.} The estimates under the contribution columns are also percent changes.

Consumer spending picked up in the third quarter, primarily reflecting an acceleration in spending for services. Spending for durable goods also picked up, and spending for nondurable goods slowed slightly.

Nonresidential fixed investment slowed, reflecting a deceleration in spending for equipment and software and a larger decrease in spending for structures (see page 4).

Residential investment turned down, mainly reflecting downturns in "other" structures and in single-family structures (see page 4).

Inventory investment accelerated and added 1.30 percentage points to real GDP growth after adding 0.82 percentage point.

Exports slowed, reflecting a slowdown in exports of goods that was partly offset by a pickup in exports of services (see page 6).

Imports slowed, reflecting a slowdown in imports of goods that was partly offset by a pickup in imports of services (see page 6).

Federal government spending slowed slightly. A deceleration in nondefense spending was partly offset by a pickup in national defense spending (see page 7).

State and local government spending picked up slightly (see page 7).

Table 2. Real Gross Domestic Product (GDP) by Type of Product

[Seasonally adjusted at annual rates]

	Share of current- dollar GDP (percent)	р	recedir	ge from ng perio cent)	od	cha	Contribution change in (percenta		DP
	2010	2009		2010		2009		2010	
	111	IV	1	II	III	IV	1	II	III
Gross domestic product 1	100.0	5.0	3.7	1.7	2.5	5.0	3.7	1.7	2.5
Final sales of domestic product	99.1	2.1	1.1	0.9	1.2	2.19	1.09	0.90	1.22
Change in private inventories	0.9					2.83	2.64	0.82	1.30
Goods	27.8	23.9	19.5	-0.8	5.9	5.74	4.90	-0.20	1.60
Services	65.3	0.8	0.0	1.9	2.4	0.57	0.02	1.21	1.57
Structures	6.9	-15.9	-15.2	10.6	-8.7	-1.30	-1.18	0.71	-0.64
Addenda:									
Motor vehicle output	2.3	13.7	42.3	-2.7	28.7	0.25	0.74	-0.06	0.56
GDP excluding motor vehicle output	97.7	4.8	3.0	1.8	2.0	4.76	2.99	1.78	1.97
Final sales of computers	0.6	17.3	19.2	5.3	59.3	0.09	0.10	0.03	0.27
GDP excluding final sales of computers	99.4	5.0	3.7	1.7	2.3	4.92	3.63	1.69	2.26

^{1.} The estimates under the contribution columns are also percent changes.

Real final sales of domestic product, real GDP less inventory investment, increased 1.2 percent after increasing 0.9 percent.

Motor vehicle output turned up, increasing 28.7 percent after decreasing 2.7 percent, and added 0.56 percentage point to real GDP growth in the third quarter after subtracting 0.06 percentage point.

Final sales of computers accelerated sharply, increasing 59.3 percent after increasing 5.3 percent.

Noτε. 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.

Note. Percent changes are from NIPA table 1.2.1, contributions are from NIPA table 1.2.2, and shares are calculated from NIPA table 1.2.5.

Consumer Spending

Table 3. Real Personal Consumption Expenditures (PCE)

[Seasonally adjusted at annual rates]

	Share of current- dollar PCE (percent)	p	Change recedin (perc	g period	d	ch	tributior ange in ercentag	real PC	E
	2010	2009		2010		2009		2010	
	Ш	IV	1	II	Ш	IV	1	П	III
PCE1	100.0	0.9	1.9	2.2	2.8	0.9	1.9	2.2	2.8
Goods	32.9	1.7	5.7	3.4	3.5	0.57	1.82	1.13	1.15
Durable goods	10.5	-1.1	8.8	6.8	7.4	-0.11	0.88	0.69	0.75
Motor vehicles and parts Furnishings and durable	3.3	-21.3	-2.6	6.9	5.5	-0.79	-0.08	0.22	0.18
household equipment Recreational goods and	2.5	9.4	13.9	9.0	5.5	0.22	0.32	0.22	0.14
vehicles	3.2	15.8	12.9	9.3	11.7	0.47	0.39	0.29	0.36
Other durable goods	1.4	-0.8	18.8	-2.2	5.5	-0.01	0.25	-0.03	0.08
Nondurable goods	22.4	3.1	4.2	1.9	1.8	0.68	0.94	0.44	0.40
Food and beverages for off-	MATERIAL STATES	SECONDARY.	DERCHOLD .	ASSESSED	REVERS	SECTION 1	R.E. Brokers	GUNNA	
premises consumption	7.7	5.1	3.7	-2.9	2.8	0.38	0.29	-0.23	0.21
Clothing and footwear Gasoline and other energy	3.2	5.8	12.0	6.4	-1.5	0.18	0.37	0.20	-0.05
goods	3.3	-2.3	0.7	3.0	-2.7	-0.07	0.02	0.10	-0.09
Other nondurable goods	8.1	2.4	3.3	4.5	4.1	0.19	0.26	0.36	0.33
Services	67.1	0.5	0.1	1.6	2.5	0.36	0.05	1.07	1.66
Household consumption									
expenditures	64.5	0.2	0.0	1.5	2.4	0.15	0.02	0.98	1.56
Housing and utilities	18.4	1.7	-0.5	1.1	3.3	0.31	-0.09	0.20	0.61
Health care	16.4	1.8	-0.3	3.1	2.8	0.29	-0.06	0.49	0.45
Transportation services	2.9	-1.0	3.5	4.1	3.9		0.10	0.12	0.11
Recreation services	3.7	-1.0	-0.1	-0.3	3.8	-0.04	0.00	-0.01	0.14
Food services and accommodations	6.1	0.6	6.9	2.5	2.6	0.03	0.40	0.15	0.16
Financial services and insurance	7.9	-3.7	-2.8	1.1	-2.3	-0.30	-0.22	0.10	-0.18
Other services	9.1	-1.2	-1.2	-0.8	3.0	-0.30	-0.22	-0.07	0.16
Final consumption expendi-	9.1	-1.2	-1.2	-0.6	3.0	-0.11	-0.11	-0.07	0.27
tures of NPISHs 2	2.6	8.6	1.2	3.4	3.9	0.21	0.03	0.09	0.10
Gross output of NPISHs 3	10.6	1.6	-0.9	3.3	3.8	0.17	-0.09	0.35	0.40
Less: Receipts from sales of goods and services by									
NPISHs 4	8.0	-0.5	-1.6	3.3	3.8	-0.04	-0.12	0.26	0.30

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

2. Net of expenses, or gross operating expenses less primary sales to households.

3. Net of unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; excludes own-account investment (construction and software)

4. Excludes unrelated sales, secondary sales, and sales to business, to government, and to the rest of the

Note. Percent changes are from NIPA table 2.3.1, and contributions, from NIPA table 2.3.2; shares are calculated from NIPA table 2.3.5.

NPISHs Nonprofit institutions serving households

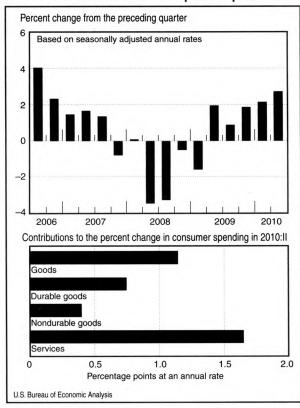
Spending for goods picked up slightly in the third quarter. A slight pickup in spending for durable goods was mostly offset by a slight slowdown in spending for nondurable goods.

The slight pickup in spending for durable goods reflected an upturn in "other" durable goods and an acceleration in recreational goods and vehicles that were partly offset by slowdowns in furnishings and durable household equipment and in motor vehicles and parts.

The slight slowdown in spending for nondurable goods reflected downturns in clothing and footwear and in gasoline and other energy goods and a slowdown in "other" nondurable goods that were partly offset by an upturn in spending for food and beverages for off-premises consumption.

Spending for services accelerated, primarily reflecting an acceleration in housing and utilities and upturns in "other" services and in recreation services that were partly offset by a downturn in financial services and insurance.

Chart 2. Real Personal Consumption Expenditures



Private Fixed Investment

Table 4. Real Private Fixed Investment (PFI)

[Seasonally adjusted at annual rates]

	Share of current- dollar PFI (percent)		recedir	ge from ig perio cent)	od		ution to p PFI (perd		
	2010	2009		2010		2009		2010	
	III	IV	1	II	III	IV	1	11	III
Private fixed investment 1	100.0	-1.3	3.3	18.9	1.7	-1.3	3.3	18.9	1.7
Nonresidential	81.4	-1.4	7.8	17.2	10.3	-1.11	6.03	13.92	7.91
Structures	21.4	-29.2	-17.8	-0.5	-5.7	-8.52	-4.52	0.14	-1.26
Commercial and health care	5.1	-34.8	-28.5	-18.0	-15.2	-2.88	-2.05	-1.07	-0.86
Manufacturing	2.3	-41.8	-43.8	-18.3	-37.9	-1.86	-1.74	-0.53	-1.14
Power and communication	4.4	-19.3	-33.7	-7.1	-28.4	-1.19	-2.14	-0.35	-1.52
Mining exploration, shafts, and wells	6.4	-10.4	93.4	58.2	57.1	-0.49	3.18	2.67	2.74
Other structures 2	3.3	-37.5	-36.0	-16.0	-13.4	-2.10	-1.78	-0.59	-0.48
Equipment and software	60.0	14.6	20.4	24.8	16.8	7.41	10.55	13.79	9.17 -
Information processing equipment and software Computers and	33.8	22.4	8.4	15.3	11.0	6.51	2.70	5.10	3.52
peripheral equipment	5.5	80.6	4.8	45.2	-2.3	2.96	0.25	2.17	-0.13
Software 3	16.3	14.2	9.2	8.1	15.2	2.08	1.43	1.34	2.29
Other 4	12.0	13.5	8.8	13.0	12.0	1.47	1.02	1.59	1.36
Industrial equipment	9.3	-3.0	0.2	44.2	7.5	-0.27	0.02	3.48	0.67
Transportation equipment	7.1	40.2	173.9	74.8	63.9	1.56	5.25	3.62	3.31
Other equipment 5	9.7	-4.3	32.7	16.2	19.2	-0.40	2.59	1.58	1.68
Residential	18.6	-0.8	-12.3	25.7	-27.5	-0.18	-2.69	4.95	-6.25
Structures	18.1	-1.1	-12.8	26.2	-28.1	-0.24	-2.75	4.90	-6.26
Permanent site	7.0	-1.4	1.2	13.5	-23.8	-0.12	0.09	1.06	-1.98
Single family	6.3	18.8	19.3	22.4	-25.0	1.10	1.18	1.45	-1.87
Multifamily	0.7	-60.1	-64.9	-38.2	-12.9	-1.21	-1.09	-0.39	-0.10
Other structures 6	11.1	-1.0	-20.7	34.8	-30.7	-0.12	-2.84	3.84	-4.29
Equipment	0.5	11.2	11.2	8.3	2.4	0.06	0.06	0.04	0.01

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

2. Consists primarily of religious, educational, vocational, lodging, railroads, farm, and amusement and recreational structures, net purchases of used structures, and brokers' commissions on the sale of structures.

 Excludes software "embedded," or bundled, in computers and other equipment.
 Includes communication equipment, nonmedical instruments, medical equipment and instruments, photocopy and related equipment, and office and accounting equipment.

5. Consists primarily of furniture and fixtures, agricultural machinery, construction machinery, mining and

oilfield machinery, service industry machinery, and electrical equipment not elsewhere classified.

6. Consists primarily of manufactured homes, improvements, dormitories, net purchases of used structures,

and brokers' commissions on the sale of residential structures.

Note. Percent changes are from NIPA table 5.3.1, contributions are from NIPA table 5.3.2, and shares are calculated from NIPA table 5.3.5.

Private fixed investment decelerated, reflecting a downturn in residential fixed investment and a slowdown in nonresidential fixed investment.

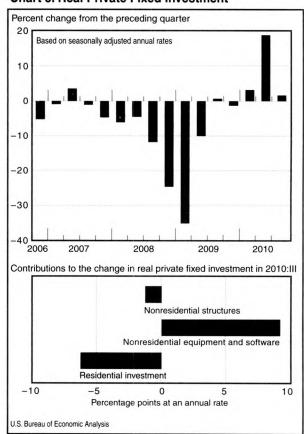
The slowdown in nonresidential fixed investment reflected a slowdown in equipment and software and a larger decrease in structures.

The larger decrease in structures primarily reflected larger decreases in power and communication and in manufacturing that were partly offset by smaller decreases in commercial and health care and in "other" structures.

The slowdown in equipment and software primarily reflected slowdowns in industrial equipment and in information processing equipment and software. The slowdown in information processing equipment and software was more than accounted for by a downturn in computers and peripheral equipment.

The downturn in residential fixed investment mainly reflected downturns in "other" structures (especially in brokers' commissions and improvements) and in single-family structures.

Chart 3. Real Private Fixed Investment



Inventory Investment

Table 5. Change in Real Private Inventories by Industry

[Billions of chained (2005) dollars; seasonally adjusted at annual rates]

			Level			р		ge from ng quar	
	20	09		2010		2009		2010	
	III	IV	1	II	III	IV	1	П	Ш
Change in private inventories 1	-128.2	-36.7	44.1	68.8	111.5	91.5	80.8	24.7	42.7
Farm	-0.6	6.4	7.6	7.8	5.7	7.0	1.2	0.2	-2.1
Mining, utilities, and construction	-1.8	-15.7	-10.4	4.3	-1.2	-13.9	5.3	14.7	-5.5
Manufacturing	-32.6	-4.6	21.0	-3.4	23.3	28.0	25.6	-24.4	26.7
Durable-goods industries Nondurable-goods industries	-37.9 4.1	-20.0 13.8	8.9 11.9	22.1 -24.4	16.3 7.1	17.9 9.7	28.9 -1.9	13.2 -36.3	-5.8 31.5
Wholesale trade	-59.3	-8.7	13.2	31.2	50.2	50.6	21.9	18.0	19.0
Durable-goods industries Nondurable-goods industries	-48.8 -11.9	-24.9 13.9	8.3 4.9	11.4 19.0	26.6 23.2	23.9 25.8	33.2 -9.0	3.1 14.1	15.2 4.2
Retail trade	-25.5	-8.8	12.6	24.9	30.7	16.7	21.4	12.3	5.8
Motor vehicle and parts dealers Food and beverage stores General merchandise stores Other retail stores	-3.8 -0.6 -4.4 -16.3	6.2 -2.9 -1.0 -10.3	11.9 1.1 -0.2 0.3	16.6 -0.9 4.4 5.6	25.8 0.4 2.3 3.3	10.0 -2.3 3.4 6.0	5.7 4.0 0.8 10.6	4.7 -2.0 4.6 5.3	9.2 1.3 -2.1 -2.3
Other industries	-7.3	-6.0	-0.2	3.9	2.0	1.3	5.8	4.1	-1.9
Residual ²	1.1	3.8	0.0	-1.0	0.0				
Addenda: Ratios of private inventories to final sales of domestic business: 3									
Private inventories to final sales	2.36	2.32	2.33	2.35	2.39				
Nonfarm inventories to final sales Nonfarm inventories to final sales of goods and structures	2.14 3.99	2.11 3.92	2.11 3.91	2.13 3.96	2.16 4.04				

- 1. The levels are from NIPA table 5.6.6B.
- 2. The residual is the difference between the first line and the sum of the most detailed lines
- 3. The ratios are from NIPA table 5.7.6B.

Note. The chained-dollar series are calculated as the period-to-period change in end-of-period inventories. Quarterly changes are stated at annual rates. Because the formula for the chain-type quantity indexes uses weights of more than one period, chained-dollar estimates are usually not additive.

Inventory Investment

The change in real private inventories, often called real private inventory investment, represents the change in the physical stock of goods held by businesses. It includes finished goods, goods at various stages of production, and raw materials. ports and imports

The change in private inventories is a key component of gross domestic product (GDP), which aims to measure output derived from current production. To include the value of currently produced goods that are not yet sold and to exclude the value of goods produced in previous periods, change in private inventories must be included in the GDP calculation.

Thus, GDP can also be seen as the sum of final sales of domestic product and the change in private inventories (table 2).

For most industries, the estimates of change in private inventories are prepared by revaluing book-value estimates of inventories from the Census Bureau to a replacement-cost basis and calculating the change over a quarter or a year. BEA does not always have complete data for every industry.

Real inventory investment increased \$42.7 billion in the third quarter after increasing \$24.7 billion in the second quarter. The acceleration reflected a thirdquarter increase in inventories that was the largest quarterly increase since the first quarter of 1998.

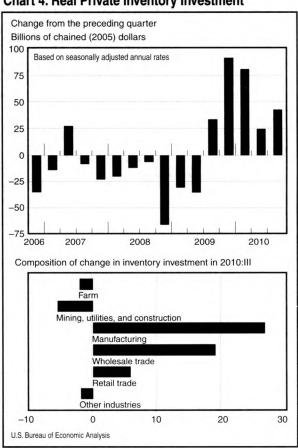
Inventory investment in manufacturing industries increased \$26.7 billion after decreasing \$24.4 billion and was more than accounted for by an upturn in nondurable-goods industries.

Inventory investment in wholesale trade industries picked up slightly, increasing \$19.0 billion after increasing \$18.0 billion. The pickup was more than accounted for by a pickup in durable-goods industries.

Inventory investment in retail trade industries increased \$5.8 billion after increasing \$12.3 billion. Downturns in "other" retail stores and in general merchandise stores were partly offset by an acceleration in motor vehicle and parts dealers and an upturn in food and beverage stores.

The ratio of private inventories to final sales increased to 2.39 in the third quarter from 2.35 in the second.

Chart 4. Real Private Inventory Investment



Exports and Imports

Table 6. Real Exports and Imports of Goods and Services

[Seasonally adjusted at annual rates]

	Share of current- dollar exports and imports (percent)	olliar Change from perceding period and (percent) CP per real ex (per proports)						ution to hange ir and imp ge points	orts
	2010	2009		2010		2009		2010	
	III	IV	1	П	III	IV	1	П	III
Exports of goods and services 1	100.0	24.4	11.4	9.1	6.3	24.4	11.4	9.1	6.3
Exports of goods 2	69.4	31.7	14.0	11.5	5.5	20.66	9.53	7.91	3.87
Foods, feeds, and beverages Industrial supplies and	5.5	69.6	-0.9	-32.2	24.1	3.56	0.00	-2.12	1.18
materials	20.8	11.9	19.2	17.3	-3.1	2.50	3.63	3.45	-0.65
automotive vehicles, engines,	24.7	28.7	15.1	19.1	13.5	6.71	3.60	4.34	3.18
and parts	6.0	70.6	35.9	19.5	-6.3	3.34	1.92	1.14	-0.40
automotive	8.9 3.5	23.9 92.5	11.0 -17.5	-4.6 53.9	7.4 -2.5	2.20 2.35	1.03 -0.64	-0.40 1.49	0.65
Exports of services 2	30.6	10.2	5.8	3.9	8.1	3.70	1.84	1.21	2.43
Imports of goods and services 1	100.0	4.9	11.2	33.5	16.8	4.90	11.20	33.50	16.80
Imports of goods 2	82.9	6.2	12.0	40.5	17.5	5.04	9.81	32.50	14.48
Foods, feeds, and beverages Industrial supplies and materials, except petroleum	3.9	-2.5	18.0	5.4	-0.9	-0.10	0.68	0.32	0.00
and products	10.6	19.9	30.1	31.5	4.4	1.76	2.82	3.46	0.56
Petroleum and products Capital goods, except	14.4	-47.4	-3.4	78.6	43.3	-9.57	-0.53	10.32	5.67
automotive vehicles, engines,	19.4	32.2	15.5	49.0	16.2	5.20	2.76	8.49	3.19
and parts	10.0	52.0	12.1	69.9	15.3	3.83	1.10	5.66	1.49
automotive	20.9	19.2	7.7	25.3	16.8	3.76	1.69	5.27	3.46
Other	3.7	4.2	35.7	-24.2	1.7	0.15	1.30	-1.01	0.11
Imports of services 2	17.1	-0.5	7.8	4.3	13.7	-0.11	1.40	0.95	2.33
Addenda: Exports of agricultural goods ³	6.0	59.2	14.6	-32.4	14.1				
Exports of nonagricultural goods Imports of nonpetroleum	63.3	29.1	13.9	17.1	4.7				
goods	68.5	24.3	15.9	32.9	12.5				

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

rable nonautomotive consumer goods.

Note. Percent changes are from NIPA table 4.2.1, contributions are from NIPA table 4.2.2, and shares are calculated from NIPA table 4.2.5.

Exports of goods and services slowed in the third quarter reflecting a deceleration in exports of goods that was partly offset by an acceleration in exports of services.

The deceleration in exports of goods reflected downturns in industrial supplies and materials, in "other" exports of goods, and in automotive vehicles, engines, and parts and a slowdown in exports of nonautomotive capital goods. In contrast, both exports of foods, feeds, and beverages and nonautomotive consumer goods turned up.

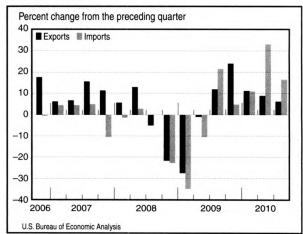
The acceleration in exports of services reflected an acceleration in travel and upturns in passenger fares and in "other" exports of services that were partly offset by a downturn in transfers under U.S. military agency sales contracts and slowdowns in "other" transportation and in royalties and license fees.

Imports of goods and services decelerated. Imports of goods decelerated sharply, and imports of services accelerated.

The deceleration in imports of goods reflected slowdowns in all major components except "other" imports of goods, which turned up.

The acceleration in imports of services mainly reflected upturns in travel, in passenger fares, and in royalties and license fees. In contrast, "other" transportation slowed.

Chart 5. Real Exports and Imports of Goods and Services



^{2.} Exports and imports of certain goods, primarily military equipment purchased and sold by the federal

government, are included in services.

3. Includes parts of foods, feeds, and beverages, of nondurable industrial supplies and materials, and of nondu-

Government Spending

Table 7. Real Government Consumption Expenditures and Gross Investment (CEGI)

[Seasonally adjusted at annual rates]

	Share of current-dollar preceding period (percent) Change from preceding period (percent)				cha	ntribution to percent nange in real CEGI percentage points)			
	2010	2009		2010		2009		2010	
	III	IV	1	II	III	IV	1	11	III
Government consumption expen- ditures and gross investment ¹	100.0	-1.4	-1.6	3.9	4.0	-1.4	-1.6	3.9	4.0
Consumption expenditures	82.8	-0.5	-0.2	2.5	2.7	-0.45	-0.14	2.13	2.26
Gross investment	17.2	-5.5	-8.2	11.3	10.5	-0.95	-1.44	1.82	1.73
Federal	40.8	0.0	1.8	9.1	8.9	0.00	0.73	3.56	3.50
National defense	27.5	-2.5	0.4	7.4	8.5	-0.67	0.10	1.96	2.28
Consumption expenditures	23.5	-3.6	0.3	5.4	8.9	-0.84	0.07	1.23	2.01
Gross investment	4.0	4.5	0.7	20.4	6.6	0.17	0.03	0.73	0.26
Nondefense	13.3	5.6	5.0	12.8	9.5	0.67	0.63	1.60	1.22
Consumption expenditures	11.6	5.4	2.9	12.2	8.3	0.56	0.33	1.33	0.94
Gross investment	1.7	7.2	20.8	17.2	17.8	0.11	0.30	0.27	0.28
State and local	59.2	-2.3	-3.8	0.6	0.8	-1.40	-2.31	0.39	0.49
Consumption expenditures	47.7	-0.4	-1.1	-0.9	-1.4	-0.17	-0.54	-0.44	-0.69
Gross investment	11.5	-9.9	-14.4	7.5	10.8	-1.23	-1.77	0.83	1.18

The estimates under the contribution columns are also percent changes.
 Noτε. Percent changes are from NIPA table 3.9.1, contributions from NIPA table 3.9.2, and shares are calculated from NIPA table 3.9.5.

Government Spending

"Government consumption expenditures and gross investment," or "government spending," consists of two components: (1) consumption expenditures by federal government and by state and local governments and (2) gross investment by government and government-owned enterprises.

Government consumption expenditures consists of the goods and services that are produced by general government (less any sales to other sectors and investment goods produced by government itself). Governments generally provide services to the general public without charge. The value of government production—that is, government's gross output—is measured as spending for labor and for intermediate goods and services and a charge for consumption of fixed capital (which represents a partial measure of the services provided by government-owned fixed capital).

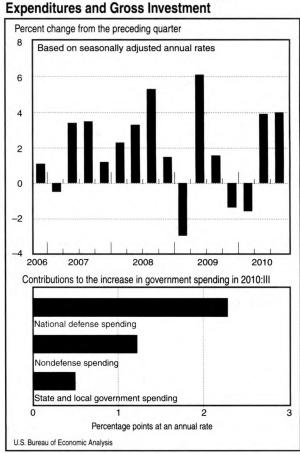
Gross investment consists of new and used structures (such as highways and dams) and of equipment and software purchased or produced by government and government-owned enterprises.

Government consumption expenditures and gross investment excludes current transactions of government-owned enterprises, current transfer payments, interest payments, subsidies, and transactions in financial assets and nonproduced assets, such as land. Government spending picked up slightly in the third quarter, reflecting a small pickup in state and local government spending that was partly offset by a slight slowdown in federal government spending.

The slowdown in federal government spending reflected a slowdown in nondefense spending that was partly offset by a pickup in national defense spending. The slowdown in nondefense spending mainly reflected a slowdown in consumption expenditures, specifically, a downturn in compensation of employees. The pickup in national defense spending reflected an acceleration in consumption expenditures that was partly offset by a deceleration in investment in equipment and software.

The pickup in state and local government spending mainly reflected a pickup in investment in structures that was partly offset by a larger decrease in consumption expenditures, specifically, compensation.

Chart 6. Real Government Consumption Expenditures and Gross Investment



Prices

Table 8. Prices for Gross Domestic Purchases

[Percent change at annual rates; based on seasonally adjusted index numbers (2005=100)]

	p	recedir	ge from ng perio cent)	d	dome	change stic pur	n to per in gros chases ge poin	s prices
	2009		2010		2009		2010	
	IV	1	II	III	IV	1	11	III
Gross domestic purchases 1	2.1	2.1	0.1	0.8	2.1	2.1	0.1	0.8
Personal consumption expenditures	2.7	2.1	0.0	1.0	1.82	1.43	-0.03	0.70
Goods	2.8	2.6	-3.6	0.9	0.61	0.57	-0.83	0.21
Durable goods	0.7	-2.0	-1.6	-2.2	0.04	-0.15		-0.16
Nondurable goods	3.8	4.7	-4.6	2.4	0.56	0.72	-0.72	0.37
Services	2.7	1.8	1.8	1.1	1.21	0.85	0.80	0.49
Gross private domestic investment	-0.7	-2.0	-0.7	0.3	-0.05	-0.22	-0.09	0.04
Fixed investment	-1.0	-1.4	-0.7	0.0	-0.13	-0.16	-0.08	0.00
Nonresidential	-2.4	-1.9	0.0	0.1	-0.23	-0.18	0.00	0.01
Structures	-2.1	0.9	2.0	2.5	-0.07	0.02	0.05	0.06
Equipment and software	-2.5	-3.1	-0.8	-0.8	-0.16	-0.20	-0.05	-0.05
Residential	4.3	0.6	-3.2	-0.4	0.10	0.01	-0.08	-0.01 -
Change in private inventories					0.07	-0.06	-0.01	0.04
Government consumption expenditures and gross investment	1.5	4.6	0.9	0.4	0.30	0.89	0.17	0.09 -
Federal	1.5	4.5	0.9	0.4	0.13	0.35	0.07	0.04
National defense	1.6	5.3	1.2	0.5	0.09	0.28	0.06	0.02
Nondefense	1.5	2.8	0.2	0.4	0.04	0.07	0.01	0.01
State and local	1.5	4.6	0.9	0.4	0.18	0.54	0.10	0.05
Addenda:					1			
Gross domestic purchases:								
Food	0.0	1.3	1.3	1.0	0.00	0.07	0.07	0.05
Energy goods and services	20.2	15.2	-17.4	5.2	0.74	0.58	-0.73	0.19
Excluding food and energy	1.5	1.6	0.8	0.6	1.32	1.45	0.72	0.58
Personal consumption expenditures (PCE):					1			
Food	-0.1	1.8	1.6	0.3				
Energy goods and services	18.0	16.4	-17.5	5.3				
Excluding food and energy	2.1	1.2	1.0	0.8				/
"Market-based" PCE	2.2	1.7	-0.2	1.3				
Excluding food and energy	1.4	0.7	1.0	1.1				
Gross domestic product	-0.2	1.0	1.9	2.3	1			/

The estimates under the contribution columns are also percent changes
 Nore. Most percent changes are from NIPA table 1.6.7; percent changes for PCE for food and energy goods
 and services and for PCE excluding food and energy are calculated from index numbers in NIPA table 2.3.4.
 Contributions are from NIPA table 1.6.8.

Prices paid by U.S. residents, as measured by the gross domestic purchases price index, accelerated in the third quarter, increasing 0.8 percent after increasing 0.1 percent.

Consumer prices picked up, mainly reflecting an upturn in prices paid for nondurable goods that largely reflected an upturn in prices paid for gasoline and other energy goods. Prices paid for durable goods decreased more than in the second quarter. Services prices slowed.

Prices paid for nonresidential fixed investment picked up slightly, reflecting a pickup in prices paid for structures. Prices paid for equipment and software decreased at the same rate as in the second quarter.

Prices paid for residential fixed investment decreased less than in the second.

Prices paid by government slowed, reflecting decelerations in prices paid both by state and local governments and by the federal government.

Consumer prices excluding food and energy, a measure of the "core" rate of inflation, slowed slightly, increasing 0.8 percent after increasing 1.0 percent.

The GDP price index increased 2.3 percent, 1.5 percentage points more than the percent change in the price index for gross domestic purchases, reflecting a decrease in import prices (8.1 percent) and a slight increase in export prices (0.2 percent).

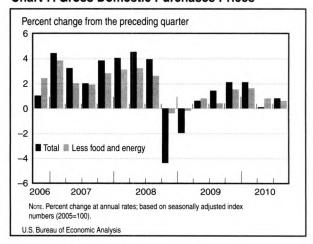
Note on Prices

BEA's gross domestic purchases price index is the most comprehensive index of prices paid by U.S. residents for all goods and services, regardless of whether those goods and services were produced domestically or imported. It is derived from prices of consumer spending, private investment, and government spending.

The GDP price index measures the prices of goods and services produced in the United States, including the prices of goods and services produced for export.

The difference between the gross domestic purchases price index and the GDP price index reflects the differences between imports prices (included in the gross domestic purchases index) and exports prices (included in the GDP price index). For other measures that are affected by import and export prices, see the dollar depreciation FAQ Answer ID 498 on BEA's Web site.

Chart 7. Gross Domestic Purchases Prices



Revisions

Table 9. Advance and Second Estimates for the Third Quarter of 2010 [Seasonally adjusted at annual rates]

	pred	hange fro ceding qu (percent)	uarter	chang	bution to ge in real centage p	i GDP
	Ad- vance	Second	Second minus advance	Ad- vance	Second	Second minus advance
Gross domestic product (GDP) 1	2.0	2.5	0.5	2.0	2.5	0.5
Personal consumption expenditures	2.6	2.8	0.2	1.79	1.97	0.18
Goods	2.8	3.5	0.7	0.64	0.81	0.17
Durable goods	6.1	7.4	1.3	0.44		
Nondurable goods	1.3	1.1-	0.5	0.20		
Services	2.5		0.0	1.15	1.16	7575
Gross private domestic investment	12.8			1.54		
Fixed investment	0.8		0.9	0.10	0.20	0.10
Nonresidential	9.7	10.3	0.6	0.91	0.96	0.05
Structures	3.9			0.10		
Equipment and software	12.0			0.80	1.11	
Residential	-29.1	-27.5	1.6	-0.80	-0.75	0.05
Change in private inventories				1.44	1.30	-0.14 -
4 3 YE SEE A BANK BURGER SEE STREET SEE SECTION SEE STREET SEE SEE SEE SEE SEE SEE SEE SEE SEE		ALCOHOL: NO		-2.01	-1.76	0.25
Exports	5.0	6.3	1.3	0.61	0.77	0.16
Goods	3.4	Mark Control	100	0.29	0.47	1 1000000
Services	8.6			0.32		
Imports	17.4	16.8	-0.6	-2.61	-2.52	0.09
Goods	18.1	17.5	1 2 2	-2.25	1	
Services	14.1			-0.37		
Government consumption expenditures and				1		
gross investment	3.4					
Federal	8.8			0.71	0.00	0.00
National defense	8.5			0.46		
Nondefense	9.6		1 2 2	0.25	100000	
State and local	-0.2	0.8	1.0	-0.03	0.10	0.13 -
Addenda:				-		
Final sales of domestic product	0.6	1			1.22	0.65
Gross domestic purchases price index	0.8					
GDP price index	2.3	2.3	0.0			

^{1.} The estimates under the contribution columns are also percent changes.

Personal Income for the Second Quarter of 2010

With the release of the second estimates of GDP, BEA also releases revised estimates of various income-related measures for the previous quarter. This revision reflects the incorporation of newly available second-quarter tabulations from the Quarterly Census of Employment and Wages from the Bureau of Labor Statistics.

Wage and salary disbursements increased \$97.4 billion, an upward revision of \$46.3 billion. Personal current taxes increased \$14.4 billion, an upward revision of \$11.8 billion. Contributions for government social insurance, which is subtracted in calculating personal income, increased \$14.1 billion, an upward revision of \$6.3 billion.

As a result of these revisions,

- Personal income increased \$166.8 billion, an upward revision of \$43.3 billion.
- Disposable personal income increased \$152.4 billion, an upward revision of \$31.5 billion.
- Personal saving increased \$92.5 billion, an upward revision of \$31.5 billion.
- The personal saving rate was 6.2 percent, an upward revision of 0.3 percentage point.

The second estimate of the third-quarter increase in real GDP is 0.5 percentage point higher than the advance estimate, primarily reflecting upward revisions to consumer spending, to exports, and to state and local government spending that were partly offset by a downward revision to inventory investment. The average revision (without regard to sign) between the advance estimate and the second estimate is 0.5 percentage point.

The upward revision to consumer spending was primarily to goods. Within goods, the largest contributors were gasoline and other energy goods and net purchases of used motor vehicles.

The downward revision to inventory investment was primarily accounted for by a downward revision to "mining, utilities, and construction" inventories, based on newly available data for mining and for natural gas and coal and petroleum stocks for utilities.

The upward revision to exports was primarily to exports of goods. Within exports of goods, the largest contributor was "other" nonautomotive capital goods.

The upward revision to state and local government spending was primarily to gross investment as a result of the incorporation of newly available construction spending data.

Source Data for the Second Estimates

Personal consumption expenditures: Retail sales for August, and September (revised). Motor vehicle registrations for July and August (revised) and September (new). Retail electricity sales and unit value data for August (revised) and natural gas sales and unit value data for July (revised) and August (new) from the Energy Information Administration.

Nonresidential fixed investment: Construction spending (value put in place) for July and August (revised) and September (new). Manufacturers' shipments (M3) of machinery and equipment for August and September (revised). Exports and imports for July and August (revised) and September (new).

Residential fixed investment: Construction spending (value put in place) for July and August (revised) and September (new).

Change in private inventories: manufacturers' inventories for August and September (revised) and trade inventories for August (revised) and September (new) and electric utilities for July (new).

Exports and imports of goods and services: International transactions for July and August (revised) and September (new).

Government consumption expenditures and gross investment: State and local construction spending (value put in place) for July and August (revised) and September (new).

Corporate Profits

Table 10. Corporate Profits

[Seasonally adjusted]

	Bill	ions of c	lollars (ar	nual ra	te)	Per	cent ch	nange fi	rom
	Level		Change preceding		r			g quart erly rate	
	2010	2009		2010		2009		2010	
	Ш	IV	1	11	III	IV	1	11	III
Current production measures:									
Corporate profits	1,658.5	120.7	148.4	47.5	44.4	9.3	10.5	3.0	2.8
Domestic industries	1,274.7	122.5	122.4	44.6	52.0	13.1	11.6	3.8	4.3
Financial	367.5	46.3	5.2	-3.4	33.3	16.2	1.6	-1.0	10.0
Nonfinancial	907.2	76.1	117.2	48.2	18.6	11.8	16.2	5.7	2.1
Rest of the world	383.8	-1.6	25.9	2.8	-7.5	-0.5	7.2	0.7	-1.9
Receipts from the rest of the world	567.8	41.3	32.3	-3.9	10.3	8.5	6.1	-0.7	1.9
of the world	184.1	42.9	6.4	-6.8	18.0	34.7	3.9	-3.9	10.8
Less: Taxes on corporate income	437.4	63.4	84.1	2.4	31.8	24.8	26.4	0.6	7.8
Equals: Profits after tax	1,221.1	57.4	64.1	45.2	12.6	5.5	5.8	3.9	1.0
Net dividends	736.6	8.9	11.8	8.1	8.2	1.3	1.7	1.1	1.1
Undistributed profits from current production	484.5	48.4	52.4	37.1	4.4	14.2	13.4	8.4	0.9
Net cash flow	1,520.6	78.4	33.3	61.1	-57.8	5.6	2.2	4.0	-3.7
Industry profits:			1100000	200420		1000	12-900		
Profits with IVA	1,827.8	120.7	255.3	48.2	43.1	8.9	17.2	2.8	2.4
Domestic industries	1,444.1	122.4	229.4	45.4	50.7	12.3	20.5	3.4	3.6
Financial	392.5	46.5	16.0	-3.3	33.1	15.5	4.6	-0.9	9.2
Nonfinancial	1,051.6	75.9	213.4	48.7	17.6	10.9	27.6	4.9	1.7
Rest of the world	383.8	-1.6	25.9	2.8	-7.5	-0.5	7.2	0.7	-1.9
Addenda:									
Profits before tax (without IVA and CCAdj)	1,864.5	179.2	224.5	15.3	76.3	13.1	14.5	0.9	4.3
Profits after tax (without IVA and CCAdj)	1,427.1	115.8	140.4	12.9	44.5	10.4	11.4	0.9	3.2
IVA	-36.7	-58.5	30.8	32.9	-33.2				
CCAdj	-169.3	0.0	-106.9	-0.8	1.4				

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 CCAdj Capital consumption adjustment

Profits from current production increased \$44.4 billion, or 2.8 percent at a quarterly rate, in the third quarter. In the second quarter, profits increased \$47.5 billion.

Domestic profits of financial corporations increased \$33.3 billion, or 10.0 percent, after decreasing \$3.4 billion.

Domestic profits of nonfinancial corporations increased \$18.6 billion, or 2.1 percent, after increasing \$48.2 billion.

Profits from the rest of the world decreased \$7.5 billion, or 1.9 percent, after increasing \$2.8 billion. Receipts increased \$10.3 billion, and payments increased \$18.0 billion.

Taxes on corporate income increased \$31.8 billion, or 7.8 percent, after increasing \$2.4 billion.

Profits after tax increased \$12.6 billion, or 1.0 percent, after increasing \$45.2 billion.

Undistributed corporate profits (a measure of net saving that equals after-tax profits less dividends) increased \$4.4 billion, or 0.9 percent, after increasing \$37.1 billion.

Net cash flow from current production, a profits-related measure of internal funds available for investment, decreased \$57.8 billion, or 3.7 percent, after increasing \$61.1 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. Estimates for the current quarter are based on corporate earnings reports from sources including Cen-

sus Bureau quarterly financial reports, Federal Deposit Insurance Corporation call reports, other regulatory reports, and tabulations from corporate financial reports. The estimates are benchmarked to Internal Revenue Service data when the data are available for two reasons: the data are based on well-specified accounting definitions, and they are comprehensive, covering all incorporated businesses—publicly traded and privately held—in all industries.

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 capital consumption allowances (tax return depreciation) and consumption of fixed capital (the decline in the value of the stock of assets due to wear and tear, obsolescence, accidental damage, and aging).

December 2010 11

Government Receipts and Expenditures

Third Quarter of 2010

TET GOVERNMENT saving, the difference between current receipts and current expenditures of the federal government and state and local governments, was -\$1,288.0 billion in the third quarter of 2010, increasing \$32.8 billion from -\$1,320.8 billion in the second quarter of 2010.

Net federal government saving was -\$1,338.0 billion in the third quarter, decreasing \$1.5 billion from -\$1,336.5 billion in the second quarter (see page 12). Current receipts accelerated, while current expenditures decelerated in the third quarter.

Net state and local government saving was \$50.0 billion in the third quarter, increasing \$34.2 billion from \$15.8 billion in the second quarter (see page 13). Current receipts accelerated, while current expenditures decelerated.

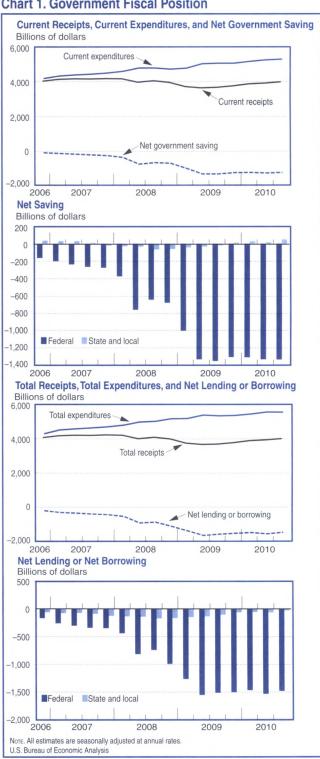
Net borrowing was \$1,529.3 billion in the third quarter, decreasing \$91.2 billion from \$1,620.5 billion in the second quarter. Federal government net borrowing was \$1,497.0 billion in the third quarter, decreasing \$55.1 billion from \$1,552.1 billion in the second quarter. State and local government net borrowing was \$32.3 billion, decreasing \$36.1 billion from \$68.4 billion in the second quarter.

Tale 1. Net Government Saving and Net Lending or Net Borrowing [Billions of dollars, seasonally adjusted at annual rates]

	Level	Change	e from pi	receding	quarter
	2010	2009		2010	
	III	IV	- 1	II	Ш
Current receipts	4,028.4	82.5	119.0	43.8	80.6
Current expenditures	5,316.4	3.1	108.1	79.0	47.8
Net government saving Federal State and local	-1,288.0 -1,338.0 50.0	79.4 46.4 33.1	10.8 –3.9 14.7	-35.1 -22.3 -12.8	32.8 -1.5 34.2
Net lending or net borrowing (–) Federal State and local	-1,529.3 -1,497.0 -32.3	51.6 8.2 43.4	46.4 38.3 8.2	-79.1 -68.5 -10.7	91.2 55.1 36.1

Natalie M. Hayes prepared this article.

Chart 1. Government Fiscal Position



Federal Government

Table 2. Federal Government Current Receipts and Expenditures

[Billions of dollars, seasonally adjusted at annual rates]

	Level	Change	e from pre	preceding quarter			
	2010	2009		2010			
	III	IV	1	II	III		
Current receipts	2,421.9	55.4	91.1	41.9	57.2		
Current tax receipts	1,326.2	44.9	87.4	27.5	45.1		
Personal current taxes	886.2	-3.6	19.8	25.3	17.7		
Taxes on production and imports	109.1	0.1	3.5	6.0	2.5		
Taxes on corporate income	319.1	48.8	63.9	-3.9	25.9		
Taxes from the rest of the world	11.8	-0.5	0.2	0.2	-1.0		
Contributions for government social	000.4	20	100	1	1 77		
insurance	992.4	3.9	13.2	14.1	7.7		
Income receipts on assets	47.6	4.0	-8.2	2.2	3.6		
Current transfer receipts	60.5	2.9	-1.6	-1.1	1.4		
Current surplus of government enterprises	-4.9	-0.1	0.2	-0.8	-0.7		
Current expenditures	3,759.9	9.1	95.1	64.1	58.7		
Consumption expenditures	1,061.7	2.1	15.5	21.2	23.2		
National defense	711.1	-3.4	10.5	11.2	15.9		
Nondefense	350.6	5.5	5.0	10.0	7.3		
Current transfer payments	2,351.5	25.2	75.6	19.1	40.1		
Government social benefits	1,755.6	31.2	46.4	17.4	23.0		
To persons	1,739.0	31.1	46.4	17.0	22.5		
To the rest of the world	16.6	0.1	0.1	0.3	0.5		
Other current transfer payments Grants-in-aid to state and local	596.0	-6.1	29.2	1.7	17.2		
governments	539.3	10.2	13.5	10.4	14.3		
To the rest of the world	56.7	-16.3	15.7	-8.7	2.9		
Interest payments	289.8	-7.4	5.2	23.3	-5.1		
Subsidies	56.9	-10.7	-1.4	0.6	0.5		
Less: Wage accruals less disbursements	0.0	0.0	0.0	0.0	0.0		
Net federal government saving	-1,338.0	46.4	-3.9	-22.3	-1.5		
Social insurance funds	-275.1	-10.0	9.7	7.8	-5.3		
Other	-1,062.9	56.4	-13.7	-30.0	3.8		
Addenda:	0.407.7		00.0	00.4	F0 F		
Total receipts	2,437.7 2.421.9	51.4 55.4	96.8 91.1	39.1 41.9	53.5 57.2		
Capital transfer receipts	15.8	-4.1	5.6	-2.6	-3.8		
Total expenditures	3,934.7	43.1	58.5	107.6	-1.6		
Current expenditures	3,759.9	9.1	95.1	64.1	58.7		
Gross government investment	172.2	2.4	2.7	7.4	4.0		
Capital transfer payments	130.9	35.1	-38.1	38.1	-65.5		
Net purchases of nonproduced assets	1.9	-2.2	0.3	-0.6	2.6		
Less: Consumption of fixed capital	130.2	1.2	1.4	1.5	1.4		
Net lending or net borrowing (-)	-1,497.0	8.2	38.3	-68.5	55.1		

Personal current taxes decelerated because of a deceleration in withheld income taxes.

Taxes on corporate income turned up, reflecting an increase in the profits of Federal Reserve banks.

Contributions for government social insurance decelerated as a result of a deceleration in social security and Medicare contributions.

Government social benefits to persons accelerated because of a smaller decrease in unemployment benefits and an acceleration in Medicare prescription drug benefits.

Other current transfer payments to the rest of the world turned up, reflecting an increase in U.S. Agency for International Development disbursements.

Interest payments turned down as a result of lower inflation expense payments on Treasury Inflation-Protected Securities.

Capital transfer payments turned down in the third quarter because of a downturn in capital injected into Fannie Mae and Freddie Mac. About \$3.3 billion (\$13.2 billion at an annual rate) was provided to Fannie Mae and Freddie Mac, a decrease of \$62.8 billion at an annual rate. Spending on the ARRA-funded homebuyer tax credit and energy property credits also turned down.

Federal Government Estimates

Estimates of federal government current receipts, current expenditures, and net federal government saving are based on data from the federal budget, from the *Monthly Treasury Statement* and other reports from the Department of the Treasury, and from other federal government agencies. Total receipts, total expenditures, and net lending or net borrowing, which are alternative measures of the federal fiscal position, are based on these same sources.

Quarterly and annual estimates are published monthly in NIPA table 3.2. Detailed annual estimates of these transactions by component are published annually in NIPA tables

3.4–3.8, 3.12, and 3.13. Detailed quarterly estimates are available in underlying NIPA tables at www.bea.gov/national/nipaweb/nipa_underlying/Index.asp.

Each year, BEA translates the information in the federal budget into a NIPA framework. For a historical time series of these estimates, see NIPA table 3.18B in "Newly Available NIPA Tables" in the October 2010 SURVEY OF CURRENT BUSINESS.

^{1.} See Mark S. Ludwick and Andrew P. Cairns, "NIPA Translation of the Fiscal Year 2011 Federal Budget," Survey of Current Business 90 (March 2010): 11–19.

State and Local Government

Table 3. State and Local Government Current Receipts and Expenditures

[Billions of dollars, seasonally adjusted at annual rates]

	Level	Change	from pre	ceding qu	uarter
	2010	2009		2010	
	III	IV	1	II	III
Current receipts	2,145.8	37.2	41.3	12.4	37.7
Current tax receipts	1,337.1	23.2	25.6	-2.1	20.4
Personal current taxes	292.4	3.8	-2.3	-10.9	11.8
Taxes on production and imports	951.4	6.7	7.3	2.8	3.3
Taxes on corporate income	93.2	12.6	20.7	6.1	5.1
Contributions for government social insurance	22.5	0.3	0.2	0.1	0.1
Income receipts on assets	118.7	0.8	0.6	0.6	0.6
Current transfer receipts	676.8	12.4	15.9	14.0	17.0
Federal grants-in-aid	539.3	10.2	13.5	10.4	14.3
Other	137.5	2.2	2.5	3.5	2.7
Current surplus of government enterprises	-9.2	0.5	-1.0	-0.2	-0.3
Current expenditures	2.095.9	4.2	26.5	25.3	3.5
Consumption expenditures	1,442.0	6.6	15.2	-0.7	-4.7
Government social benefits	539.8	-2.1	10.0	23.2	7.2
Interest payments	112.5	-0.4	1.0	2.3	1.5
Subsidies	1.6	0.0	0.4	0.5	-0.5
Less: Wage accruals less disbursements	0.0	0.0	0.0	0.0	0.0
Net state and local government saving	50.0	33.1	14.7	-12.8	34.2
Social insurance funds	2.6	0.1	-0.1	-0.1	0.0
Other	47.4	33.0	14.8	-12.8	34.3
Addenda:					
Total receipts	2,219.3	37.0	21.3	20.2	48.0
Current receipts	2,145.8	37.2	41.3	12.4	37.7
Capital transfer receipts	73.5	-0.3	-19.9	7.8	10.3
Total expenditures	2,251.6	-6.3	13.1	30.9	11.9
Current expenditures	2,095.9	4.2	26.5	25.3	3.5
Gross government investment Capital transfer payments	347.6	-10.4	-12.2	7.2	10.2
Net purchases of nonproduced assets	14.4	0.2	0.3	0.3	0.3
Less: Consumption of fixed capital	206.3	0.3	1.5	1.9	2.
Net lending or net borrowing (-)	-32.3	43.4	8.2	-10.7	36.

Personal current taxes turned up in the third quarter, primarily reflecting an upturn in income taxes.

Federal grants-in-aid accelerated in the third quarter as a result of an upturn in education grants and an acceleration in Medicaid grants.

Other current transfer receipts from businesses decelerated, reflecting smaller payments from BP to Gulf Coast states in the third quarter.

Consumption expenditures decreased more in the third quarter than in the second quarter because of a downturn in compensation of general government employees. In contrast, expenditures for services accelerated because of higher cleanup costs associated with the BP oil spill.

Government social benefits decelerated as a result of a deceleration in Medicaid expenditures.

Capital transfer receipts accelerated in the third quarter, primarily reflecting an acceleration in highway grants. Additionally, capital transfers from BP to Gulf Coast states accelerated in the third quarter.

Innation of the Estimates of State and Local Government Receipts and Expenditures

The estimates of state and local government current receipts and expenditures and total receipts and expenditures are mainly based on compilations of data for state and local government finances. The Census Bureau produces the primary source data: the census of governments that is conducted in years that end in a 2 or a 7 and the Government Finances series of surveys for the other years. In addition, other sources of Census Bureau data are from the Quarterly Summary of State and Local Government Tax Revenue and the monthly Value of Construction Put in Place. Data sources from the Bureau of Labor Statistics include the Quarterly Census of Employment and Wages and the Employment Cost Index.

Quarterly and annual estimates are available monthly in NIPA table 3.3. Detailed annual estimates of state and local government transactions by component are available annually in NIPA tables 3.4–3.8, 3.12, and 3.13. Detailed quarterly estimates are available in underlying NIPA tables at www.bea.gov/national/nipaweb/nipa_underlying/Index.asp. For a historical time series of reconciliations of the NIPA estimates with the Census Bureau data from Government Finances, see NIPA table 3.19.

BEA also prepares annual estimates of receipts and expenditures of state governments and of local governments.¹ These estimates are available annually in NIPA table 3.20 (state government receipts and expenditures) and in NIPA table 3.21 (local government receipts and expenditures); see "Newly Available NIPA Tables" in the October 2010 SURVEY.

^{1.} Bruce E. Baker, "Receipts and Expenditures of State Governments and of Local Governments," SURVEY 85 (October 2005): 5–10.

14 December 2010

Celebrating 75 Years of the National Accounts Remarks by Secretary Locke and Acting Deputy Secretary Blank

On November 30, 2010, the Bureau of Economic Analysis (BEA) celebrated the 75th anniversary of the national economic accounts and gross domestic product. An event was held in conjunction with the annual BEA awards ceremony, which honored outstanding performances by BEA employees over the year. The joint celebration was highlighted by remarks delivered by Secretary of Commerce Gary Locke and Acting Deputy Secretary of Commerce Rebecca M. Blank. Their remarks, which are presented below, underscore the importance of the work of BEA's staff in continually updating and improving the national accounts, and BEA's related accounts, since their inception 75 years ago.

Honorable Gary Locke, Department of Commerce Secretary

Good afternoon. It gives me great pleasure to recognize not just those individuals who are being honored today,

but also the great work being done by everyone at the Bureau of Economic Analysis.

The Bureau plays a vital role in developing a clear and accurate picture of America's economy—it's a duty you execute with a professionalism and commitment to excellence that is acknowledged literally around the world.

Today, national accounting is the standard by which all the world's nations evaluate and account for their economic activity—thanks to the U.S. Department of Commerce's pioneering vision 75 years ago.

I think it's appropriate that we're celebrating the 75th anniversary of the national accounts in conjunction with this employee awards ceremony—because the story of the national accounts and gross domestic product (GDP) is as much a story of human endeavor and creativity as it is about macroeconomic theory or mathematical equations.

The national accounts have been evolving since their inception—from the time of the Great Depression right up to today. Bureau of Economic Analysis employees continue to find ways to meet the changing needs of the

businesses and the American people who depend on your work.

In fact, the Bureau's associate director for the national accounts, Dr. Brent Moulton, was just named one of this year's recipients of the Presidential Rank Award, a deserving honor for a leader who has made extraordinary contributions to the national accounts program over the past 13 years. Please join me in congratulating Brent. Brent has been one of many hard-working employees at BEA as the Bureau plays its central role in meeting challenges ranging from responding to the needs of the Great Depression and mobilizing for World War II to managing the unrivaled expansion of the U.S. economy over the last number of decades.

Not only has your work product changed to keep pace with changing times, but so have the work methods. The Bureau has taken advantage of changing technology to produce more comprehensive data faster.

I know you've come a long way since the days when national income and product accounts data was pro-

duced by hauling trays full of punch cards to be run through a mainframe computer. Through the years you've taken advantage of faster and more accurate computing power to expand the amount of information avail-

"Today, national accounting is the standard by which all the world's nations evaluate and account for their economic activity—thanks to the U.S. Department of Commerce's pioneering vision 75 years ago."

—Secretary Gary Locke

able in your statistics. BEA is a big part of the reason why the United States remains a global leader in national accounting.

Your coworkers will be applauded today for an impressive menu of accomplishments, from regional customer service during the Recovery Act to developing new statistics for international transactions accounts under strict time constraints. Still others managed to substantially reduce computer processing times for GDP and other statistics.

With a record number of award winners this year, there's plenty of praise to go around. But at the end of the day, these efforts—shining examples of great work by this entire Bureau—prove beyond any doubt how important it is to have a reliable and dedicated Bureau of Economic Analysis.

Here's to 75 great years of the U.S. national accounts—and to 75 more. Without your work, we would be lost, and so I thank you for your service.

Now it's my pleasure to call up our brand-new Acting Deputy Secretary Becky Blank to say a few words.

Honorable Rebecca M. Blank, Acting Deputy Secretary

Thank you Mr. Secretary for your remarks on this celebratory occasion. And thank you to Steve Landefeld and Kurt Bersani for putting this event together. Most of all, thank you to all 87 award-winning BEA employees who have done exemplary work this past year.

As some of you know, I'm wearing a couple of hats right now. I am both the Acting Deputy Secretary and the Under Secretary for Economic Affairs. But maybe most importantly, I am a user of economic data.

I cannot tell you how proud I am of the work BEA does every day to produce reliable economic statistics

that are used around the world to understand and interpret what's happening in the U.S. economy.

The number of awards given out today are not—as a statistician would say—an outlier. BEA is routinely voted one of the best places to work in the federal government. Having worked

closely with Steve, with Brian Moyer, and with the other leadership at BEA, I can tell you that it is also one of the best run agencies in government. It's not surprising that BEA employees are regularly recognized for their excellent work.

The work that BEA does today is simply a continuation of the work on the national income and product accounts that began 75 years ago in the Department of Commerce.

In 1934, in response to the crisis of the Great Depression and a pressing need to understand the size and scope of the economy, the Department of Commerce began to develop annual measures of national income, on the basis that "income must equal production." These early estimates provided a means to judge the size and scope of the depression.

Beginning in January 1935, the Department of Com-

merce began to publish these numbers in the Survey OF CURRENT BUSINESS, which is still published monthly by the Bureau of Economic Analysis with tables showing all the detailed data as it becomes available.

In 1942, in response to the pressing need to know the capacity of the United States to meet the demands of World War II mobilization, economists at the Department developed measures of production output, known as GNP—gross national product—to answer war planning questions from President Roosevelt. Statistics measuring the total amount and the composition of goods and services being produced were necessary in order to evaluate the risk of shortages in civilian goods and services and the bidding up of prices.

Sixty-five years later, the GDP numbers from BEA were used to understand the impacts of the Great Recession of 2008–09, allowing us to know as soon as possible how the financial collapse, the housing market collapse, and rising joblessness were echoing through the economy

and affecting other economic sectors and overall economic growth.

Over time, these measures in national income accounting have evolved, and today's measure of GDP and its components is far more comprehensive and complex

"...these statistics provide a comprehensive and dynamic picture of the U.S. economy and are largely credited with providing the information and insight which has allowed the United States to design and implement the fiscal and monetary policy responsible for the unprecedented growth our nation has achieved over the last six decades."

—Acting Deputy Secretary Rebecca M. Blank

than those original estimates.

What hasn't changed is the fact that these statistics provide a comprehensive and dynamic picture of the U.S. economy and are largely credited with providing the information and insight which has allowed the United States to design and implement the fiscal and monetary policy responsible for the unprecedented growth our nation has achieved over the last six decades.

With 75 years of experience with producing the national income and product accounts, the Bureau of Economic Analysis has remained the world leader in pioneering new methodologies and techniques in response to the needs of policy and business decisionmakers. This is because of your hard work and dedication.

Congratulations again to the many award winners that are being honored today and to everybody who is part of BEA's ongoing success.

16 December 2010

Research and Development Satellite Account Update Estimates for 1959–2007

By Jennifer Lee and Andrew G. Schmidt

THE BUREAU of Economic Analysis (BEA) 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.

This update of the R&D satellite account extends BEA's estimates of the effects of R&D on economic growth through 2007, and it now includes coverage of the business cycle expansion that ended in December 2007. The summary estimates presented in this article include revised national statistics for R&D, beginning with estimates for 1959, for R&D-intensive industries, beginning with estimates for 1987, for regional statistics, beginning with estimates for 1998, and for international accounts, beginning with estimates for 1995. The methods used to derive the R&D estimates for this update are consistent with the methods used for deriving the estimates that were released in 2007.

For this update, several improvements were made to the statistics on R&D investment by industry. R&D statistics for the finance, insurance, real estate, rental, and leasing industry are now separately identified; this industry had been included in "all other for-profit industries" in the prior satellite account update. In addition, the R&D satellite account by industry has now been expanded to include R&D investment by nonprofit industries and by government in order to pro-

Christian Awuku-Budu contributed the section on regional R&D estimates, and Alexis Chaves contributed the section on international R&D estimates.

vide a more complete picture of R&D investment in the GDP by industry accounts.

According to the updated R&D satellite account estimates, treating R&D spending as investment would significantly affect several of BEA's measures of the economy.

- Growth in R&D investment from 1995 to 2007 continued to track with business cycles. R&D's contribution to economic growth slowed in 2001 and 2002, recovered in 2003, and outpaced the expansion through 2007.
- •The contribution to real GDP growth from treating R&D as investment would have been approximately 0.20 percentage point of the average 2.9 percent growth, or about a 7.1 percent share of the average growth rate from 2002 to 2007.
- The level of current-dollar GDP for 2007 would have increased \$396.3 billion, or 2.8 percent.
- Current-dollar private fixed investment for 2007 would have been 11.3 percent, or \$256.4 billion, higher than published private fixed investment.
- The largest contribution from an R&D-intensive industry to average real GDP growth from 1995 to 2007 would have been from the pharmaceutical and medicine manufacturing industry. This industry's contribution would have accounted for about a 1 percent share of the average real GDP growth rate. The second-largest contribution would have been from the software publishing industry, which would have accounted for an additional 0.5 percent share.
- The level of GDP by state would have increased the most for New Mexico (9.2 percent), Maryland (6.2 percent), and Massachusetts (6.0 percent) over the period 1998 to 2007.
- •In the international accounts, the surplus on direct investment income would have been larger in 2008, and as a result, the current-account deficit would have been reduced \$3.5 billion. The net international investment position would have been \$17.0 billion lower as a result of a larger increase in the inward position than in the outward position.

^{1.} For more information on the R&D satellite account estimates released in 2007 and the methods used, see Carol A. Robbins and Carol E. Moylan, "Research and Development Satellite Account Update: Estimates for 1959–2004 and New Estimates for Industry, Regional, and International Accounts," Survey of Current Business 87 (October 2007): 49–64.

Currently, the national income and product accounts (NIPAs) do not treat R&D and many other intangibles as investment. Thus, the contribution of R&D and other intangibles to U.S. economic growth cannot be separately identified. The R&D satellite account is part of BEA's long-term efforts to better measure the effects of innovation and intangible assets on the economy.²

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 examined. The account can be seen as a prelude to adjusting BEA's core economic accounts to better reflect the impact of R&D. Currently, BEA plans to incorporate R&D spending as investment into its core accounts around 2013 as part of the 2007 input-output accounts and as part of the comprehensive revision of the NIPAs. This article marks the final update of the satellite account before R&D investment is incorporated into BEA's accounts.³

The rest of this report is organized as follows. First, the effects of the updated estimates on GDP and investment are explained, revisions to previous R&D estimates are discussed, and relationships between private and government R&D investment and the business cycle are presented. Second, the price indexes used for deflating R&D investment in the satellite account are discussed. Third, estimates for the impacts of treating R&D as investment by industry are described, in-

Acknowledgments

Carol E. Moylan, Chief of the National Income and Wealth Division, and Erich H. Strassner, Chief of the Industry Applications Division, directed the R&D satellite account update. Marissa J. Crawford, Lisa S. Mataloni, Jennifer A. Ribarsky, and Andrew G. Schmidt prepared the NIPA-based estimates. Lisa C. Ninomiya developed and operated the computer system used to compile, analyze, and report the final NIPA-based estimates. Teresa L. Gilmore, William A. Jolliff, Jennifer Lee, Brian M. Lindberg, and Gabriel W. Medeiros prepared the industry-based estimates. Christian Awuku-Budu and Carol A. Robbins prepared the regional estimates. Alexis Chaves and Daniel R. Yorgason prepared the international estimates.

cluding new estimates for the finance, insurance, real estate, rental, and leasing industry, for nonprofit industries, and for government. Fourth, estimates of the effects of R&D investment on GDP by state are presented. Lastly, the impacts of capitalizing R&D in the international accounts are discussed.

R&D and the Economy Effect on GDP and investment

If R&D spending were treated as investment, real GDP would have grown slightly faster, on average, from 1959 to 2007 (table A). The average difference was 0.13 percentage point for 1959 to 1973. The average difference narrowed to almost zero for the period 1974 to 1994, before picking up again to 0.17 percentage point for the period 1995 to 2001. From 2002 to 2007, the average difference narrowed to 0.12 percentage point.

The level of current-dollar GDP would have been, on average, 2.6 percent higher for 2002 to 2007 if R&D spending were treated as investment in the NIPAs. The impact of treating R&D spending as investment on GDP growth can be seen by looking at the contribution of R&D to the annual real GDP growth rate (table B). This contribution would have been approximately 0.20 percentage point of the average 2.9 percent growth, or about a 7.1 percent share of the average growth rate from 2002 to 2007.

For 2007, current-dollar R&D investment would have been \$405.7 billion, an increase of 9.1 percent from \$371.7 billion for 2006 (table C). Real GDP would have grown 2.2 percent for 2007 if R&D were treated as investment, and the contribution of the new treatment of R&D to real GDP growth would have been 0.28 percentage point, or about a 12.9 percent share of the growth rate (table B). Business investment would have contributed 0.20 percentage point to the growth rate, while the newly recognized capital services from government and from nonprofit institutions serving households would together have

Table A. Comparison of Average Annual Real GDP Growth Rates

	2010 \	vintage	2007 vintage				
	Unadjusted real GDP 1	Adjusted real GDP ²	Unadjusted real GDP 3	Adjusted real GDP ²			
1959–1973	4.20	4.33	4.20	4.33			
1974-1994	3.02	3.03	3.02	3.03			
1995-2001	3.76	3.93	3.53	3.72			
2002–2007	2.75	2.87	n.a.	n.a.			
1959-2004	3.37	3.44	3.33	3.40			
1959–2007	3.32	3.39	n.a.	n.a.			

n.a. Not available. The 2007 R&D satellite account only presents estimates for 1959-2004.

^{2.} For more information, see Ana M. Aizcorbe, Carol E. Moylan, and Carol Robbins, "Toward Better Measurement of Innovation and Intangibles," SURVEY 89 (January 2009): 10–23.

^{3.} For the first time, the *System of National Accounts*, 2008 recommends treating R&D expenditures as investment.

As published in the national income and product accounts (NIPAs).
 Real GDP with R&D treated as investment and the double-counting of R&D software removed.

As published in the NIPAs when the 2007 R&D satellite account estimates were released.

contributed 0.08 percentage point.4

The impact of treating R&D as investment can also be seen by examining the effect of R&D investment on certain NIPA components, such as private fixed investment. Current-dollar private fixed investment for 2007 would have been 11.3 percent, or \$256.4 billion, higher than published private fixed investment if R&D were included (table D, page 21). R&D as a share of R&Dadjusted private fixed investment would have increased to 11.1 percent for 2007 from 10.1 percent for 2006 (chart 1). Private R&D investment accelerated while residential fixed investment posted a notably larger decrease because of the housing market crash, resulting in R&D capturing a larger share of private fixed investment. R&D's gain as a share of private fixed investment for 2007 was the largest since 1991, when the share of R&D increased 1.4 percentage points and also accounted for 11.1 percent of R&D-adjusted private fixed investment.

Revisions

The picture of the economy presented in the revised R&D estimates is similar to that shown by the estimates published in 2007. In the updated estimates, from 1959 to 1986, current-dollar investment in R&D was revised down slightly for each year; the largest downward revision was \$0.2 billion for 1986. From

Chart 1. Private R&D Investment as a Share of R&D-Adjusted Private Fixed Investment

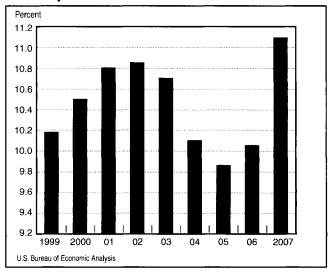


Table B. Contributions to the Annual Growth Rate of Real GDP With R&D Treated as Investment

	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Percent change at annual rate: Real GDP 1	2.73	2.55	6.29	4.46	6.01	6.61	6.63	2.71	4.95	3.23	0.22	3.34
Percentage points at annual rates:												
Effect of R&D as Investment 2	0.30	0.28	0.38	0.21	0.37	0.36	0.30	0.25	0.25	0.22	0.03	0.08
Business	0.09 0.21	0.05 0.23	0.07 0.30	0.06	0.07 0.30	0.09	0.10 0.19	0.08 0.17	0.08 0.17	0.09 0.12	0.01 0.02	00.0 80.0
Government Nonprofit institutions serving households	0.00	0.23	0.00	0.14	0.00	0.27	0.00	0.00	0.00	0.12	0.02	0.00
	0.00		0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	
	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Percent change at annual rate:												
Real GDP1	5.34	5.82	-0.61	-0.33	5.27	4.54	5.51	3.09	-0.25	2.52	-1.84	4.52
Percentage points at annual rates:		Į										
Effect of R&D as Investment 2	0.18	0.18	-0.07	-0.12	0.06	0.07	0.10	0.06	0.03	0.06	0.06	0.15
Business	0.06	0.11	0.00	-0.07	0.06	0.05	0.09	0.09	0.07	0.05	0.07	0.09
Government	0.12	0.07	-0.07	-0.05	0.00	0.02	0.01	-0.03	-0.04	0.00	-0.01	0.05
Nonprofit institutions serving households	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Percent change at annual rate:												
Real GDP 1	7.19	4.16	3.45	3.20	4.16	3.65	1.94	-0.07	3.42	2.83	4.05	2.71
Percentage points at annual rates:				i	l							
Effect of R&D as Investment 2	0.23	0.16	0.10	0.11	0.18	0.19	0.13	0.16	0.14	0.06	0.10	0.27
Business	0.14	0.11	0.05	0.03	0.10	0.12	0.07	0.13	0.08	0.02	0.05	0.20
Government	0.08	0.05	0.04	0.08	0.08	0.06	0.06	0.03	0.06	0.04	0.05	0.06
Nonprofit institutions serving households	0.00	0.00	0.00	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	2005	2006	2007
Percent change at annual rate:			1									
Real GDP 1	3.97	4.67	4.52	4.99 :	4.31	1.18	1.78	2.56	3.62	3.17	2.83	2.17
Percentage points at annual rates:				İ								
Percentage points at annual rates: Effect of R&D as Investment 2	0.34	0.34	0.29	0.32	0.30	0.14	0.02	0.15	0.16	0.20	0.22	0.28
Business	0.25	0.24	0.22	0.26	0.25	0.09	-0.05	0.06	0.07	0.12	0.14	0.20
Government	0.08	0.09	0.07	0.06	0.05	0.04	0.06	0.08	0.09	0.08	0.07	0.08
Nonprofit institutions serving households	0.01	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	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

^{4.} The value of capital services, the value of the R&D assets' use in production, is defined as the sum of depreciation and the net return on investment. The inclusion in the R&D satellite account of net returns to nonprofits and to general government is a departure from BEA's current calculation of gross domestic income, which includes only depreciation, a partial measure of capital services. In the current GDP accounts, governments do not earn profits, so only depreciation is counted.

^{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.

1987 to 2004, current-dollar R&D investment was revised up for each year; the largest revision was \$6.7 billion for 2002, reflecting upward revisions to business and federal R&D investment. The upward revision to business R&D investment primarily reflected revisions to net exports of R&D. The upward revisions to federal R&D investment reflected upward revisions to both federal intramural R&D investment and federal extramural R&D investment, based on revised source data from the National Science Foundation (NSF) on federal intramural R&D investment and a revised R&D seller's margin for R&D purchased from business by the federal government.⁵ For 2004, the latest available year for the estimates published in 2007, investment in R&D totaled \$321.5 billion, an upward revision of \$4.9 billion from the previous estimates, reflecting revisions to business R&D investment and to federal extramural R&D investment, based on the same factors cited above (table C).

Revisions to current-dollar R&D-adjusted GDP from 1959 to 2001 primarily reflected the incorporation of the results of the 2009 comprehensive revision of the NIPAs.⁶ Excluding the effects of the comprehensive revision, the upward revisions to current-dollar R&D-adjusted GDP for 2002 to 2004 primarily reflected upward revisions to business R&D investment and downward revisions to the software R&D overlap adjustment. The software overlap adjustment removes the double-counting of software between the NSF-

based R&D investment estimates and the own-account software investment estimates in the NIPAs.⁷ The revision to the software R&D adjustment reflected a transition to a NIPA-based software adjustment from a NSF-based software adjustment.

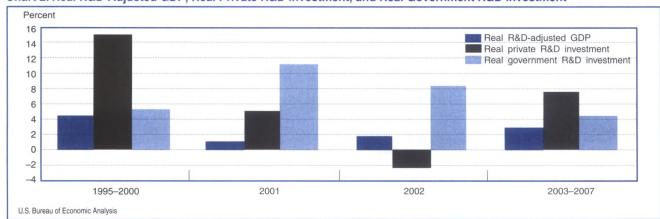
As shown in table A, the previous estimates of real R&D-adjusted GDP growth are similar to the updated estimates, although the updated estimates of the average annual growth rates were higher for the periods 1995 to 2001 and 1959 to 2004. The differences in the growth rates primarily reflected the incorporation of the NIPA comprehensive revision in the updated estimates.

Private and government R&D investment and the business cycle

Both private and government R&D investment are shown to be strongly procyclical from 1959 to 2007.8 In years of increasing economic growth, R&D investment usually contributes to that acceleration. Similarly, when economic growth slows, R&D often contributes to the slowdown. A major period of growth during the 1991 to 2000 economic expansion was the information technology boom from 1995 to 2000 in which real private R&D investment grew at an average annual rate of 14.9 percent, while real R&D-adjusted GDP grew at a rate of 4.5 percent (chart 2). By comparison, real government R&D investment grew only slightly faster (5.3 percent) than real R&D-adjusted GDP in this period. Reflecting the recession in 2001 and the bursting of the

^{8.} Private R&D investment includes R&D spending by business and by nonprofit institutions (including private universities and colleges and other nonprofit institutions) serving households. Government R&D investment includes R&D spending by federal and state and local governments (including public universities and colleges).





^{5.} The value of purchased R&D includes the R&D seller's margin between receipts and costs. Because funds for industrial R&D are valued by businesses at cost in the source data for business R&D performance (National Science Foundation Survey of Industrial Research and Development), the cost-basis value of the R&D funding must be converted to a purchase basis using an estimate of the R&D seller's margin in order to capture the full value of the R&D investment. The R&D seller's margin is estimated using the ratio of net operating surplus to gross output for miscellaneous professional, scientific, and technical services from BEA's GDP by industry data.

^{6.} For more information, see Eugene P. Seskin and Shelly Smith, "Improved Estimates of the National Income and Product Accounts: Results of the 2009 Comprehensive Revision," Survey 89 (September 2009): 15–35

^{7.} The expense of developing software that is marketed outside the company is treated as an R&D activity in the NSF source data, which is used to derive R&D investment estimates, and is included in the own-account software investment in the NIPA estimates. For this article, this software R&D overlap amount is removed from the NIPA own-account software investment estimates and is retained in R&D investment.

Table C. GDP and the Decomposition of the Adjustments to GDP by Treating R&D as Investment [Billions of dollars]

		Γ		S UI UUIIAI				r			1	I	
	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	
GDP (from the NIPAs)	506.6	526.4	544.8	585.7	617.8	663.6	719.1	787.7	832.4	909.8	984.4	1,038.3	
2010 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	26.0	28.5	30.6	31.9	
Business1	4.2	4.6	4.9	5.2	5.6	6.1	6.7	7.5	8.4	9.3	10.3	10.8	
Government		7.7 0.1	8.8 0.2	10.0 0.2	11.2	12.8 0.2	14.5 0.2	16.0 0.3	17.4	18.9 0.3	19.9 0.4	20.7 0.4	
GDP with R&D treated as investment 2	517.7	539.0	558.6	601.1	634.8	682.7	740.6	811.5	858.5	938.4	1,015.1	1,070.2	
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	3.1	3.1	
2007 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	30.7	31.9	
Business ¹	4.2	4.6	4.9	5.2	5.6	6.1	6.7	7.5	8.4	9.3	10.3	10.8	
Government	6.8 0.1	7.7 0.1	8.8 0.1	10.0 0.2	11.2 0.2	12.8 0.2	14.5	16.1	17.4 0.3	19.0	20.0	20.7	
GDP with R&D treated as investment 3		538.9	558.5	601.1	634.8	682.7	740.6	0.3 811.7	858.7	938.6	1,015.3	1,070.5	
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	3.1	3.1	
Addendum: R&D investment (2010 vintage) 4	13.9	15.2	16.1	17.2	19.2	20.9	22.2	24.3	25.7	27.2	28.3	28.5	
	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	-
GDP (from the NIPAs)	1,126.8	1,237.9	1,382.3	1,499.5	1,637.7	1,824.6	2,030.1	2,293.8	2,562.2	2,788.1	3,126.8	3,253.2	-
2010 R&D satellite account:	1,120.0	1,207.0	1,002.0	1,700.0	1,001	1,024.0	2,000.1	2,200.0	2,002.2	2,700.1	0,120.0	0,200.2	
Total adjustments to GDP from R&D investment	33.8	35.8	38.7	43.3	48.3	52.2	56.6	62.9	70.5	80.5	93.2	101.9	
Business ¹		12.1 23.2	13.8 24.4	15.5 27.2	16.6 31.0	18.6 32.9	20.5 35.2	23.9 38.0	28.3 41.1	33.8 45.5	39.5 52.2	44.7 55.6	
Nonprofit institutions serving households	0.4	0.5	0.5	0.6	0.7	0.8	0.9	1.0	11.1	1.2	1.5	1.6	
GDP with R&D treated as investment 2	1,160.6	1,273.7	1,421.0	1,542.8	1,686.0	1,876.8	2,086.8	2,356.2	2,631.9	2,867.5	3,218.4	3,353.2	
Percent change in the level of GDP 2007 R&D satellite account:	3.0	2.9	2.8	2.9	3.0	2.9	2.8	2.7	2.7	2.8	2.9	3.1	
Total adjustments to GDP from R&D investment	33.8	35.9	38.7	43.4	48.4	52.3	56.7	62.9	70.6	80.6	93.3	102.1	
Business 1	11.2 22.2	12.1 23.3	13.8 24.4	15.5	16.6	18.6	20.6	23.9	28.3	33.8	39.5	44.7	
Government Nonprofit institutions serving households	0.4	0.5	0.5	27.2 0.6	31.1 0.7	32.9 0.8	35.3 0.9	38.1 1.0	41.2 1.1	45.6 1.3	52.3 1.5	55.8 1.6	
GDP with R&D treated as investment 3	1,161.0	1,274.2	1,421.4	1,543.3	1,686.7	1,877.5	2,087.7	2,357.3	2,633.1	2,868.9	3,220.2	3,355.2	
Percent change in the level of GDP	3.0	2.9	2.8	2.9	3.0	2.9	2.8	2.7	2.7	2.8	2.9	3.1	
Addendum: R&D investment (2010 vintage) 4	29.3	31.3	33.8	36.4	39.0	43.0	47.1	53.1	61.1	70.6	81.1	90.1	
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	-
GDP (from the NIPAs)	3,534.6	3,930.9	4,217.5	4,460.1	4,736.4	5,100.4	5,482.1	5,800.5	5,992.1	6,342.3	6,667.4	7,085.2	-
2010 R&D satellite account:													
Total adjustments to GDP from R&D investment Business 1		125.2 57.4	135.6 63.5	143.2 67.4	149.7 69.4	161.8 75.6	173.3 83.1	179.2 87.0	190.8 96.1	196.2 100.1	199.1 101.1	204.2 103.9	
Government	59.7	65.9	69.9	73.5	77.9	83.5	87.2	88.9	91.1	92.2	93.8	95.7	
Nonprofit institutions serving households		2.0	2.1	2.3	2.5	2.8	3.0	3.3	3.6	3.9	4.2	4.5	
GDP with R&D treated as investment 2 Percent change in the level of GDP	3,643.5 3.1	4,053.4 3.1	4,349.9 3.1	4,599.7 3.1	4,882.2 3.1	5,258.0 3.1	5,650.8 3.1	5,974.6 3.0	6,177.4 3.1	6,532.6 3.0	6,860.2 2.9	7,282.7 2. 8	
2007 R&D satellite account:	0.1	0.1	0.1	0.1	0.1	0.1	5.1	0.0	0.1	0.0	2.3	2.0	
Total adjustments to GDP from R&D investment	111.4	125.4	135.8	143.4	150.4	162.2	173.6	179.3	190.8	196.2	198.8	203.9	
Business 1	49.8 59.8	57.4 66.0	63.5 70.1	67.4 73.7	69.5 78.4	75.7 83.7	83.4 87.2	87.3 88.7	96.5 90.7	100.6 91.7	101.4 93.2	104.3 95.1	
Nonprofit institutions serving households	1.8	2.0	2.2	2.3	2.5		3.1	3.3	3.6	3.9	4.2	4.6	
GDP with R&D treated as investment 3	3,645.7	4,055.9	4,352.9	4,602.7	4,886.0		5,653.3	5,977.3	6,181.3	6,528.1	6,850.0	7,269.5	
Percent change in the level of GDP Addendum:	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.1	3.0	2.9	2.8	
R&D investment (2010 vintage) 4	99.8	113.2	127.0	134.1	143.2	151.5	160.1	166.1	174.5	178.2	179.2	182.9	
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
GDP (from the NIPAs)	7,414.7	7,838.5	8,332.4	8,793.5	9,353.5	9,951.5	10,286.2	10,642.3	11,142.1	11,867.8	12,638.4	13,398.9	14,061
2010 R&D satellite account: Total adjustments to GDP from R&D investment	216.3	228.1	241.4	251.5	270.0	293.5	2000 7	293.7	306.7	323.4	351.3	382.3	420
Business 1	115.8	128.6	142.1	153.9	171.8	193.4	296.7 197.2	189.7	195.4	203.5	221.1	241.8	269
Government	95.8	94.5	94.1	92.3	92.6	94.1	93.3	97.2	103.8	111.7	121.3	130.7	139
Nonprofit institutions serving households	4.8	4.9	5.2	5.3	5.6	6.0	6.3	6.8	7.5	8.2	8.9	9.8	10
GDP with R&D treated as investment ² Percent change in the level of GDP	7,624.0 2.8	8,059.1 2.8	8,566.0 2.8	9,036.5 2.8	9,611.2 2.8	10,229.9 2.8	10,567.4 2.7	10,920.6 2.6	11,431.0 2.6	12,170.4 2.5	12,967.3 2.6	13,759.1 2.7	14,458
2007 R&D satellite account:	045.0	007 1	040.0	050.0	000.0	000.0	000 1	000.0	004.0	0404			
Total adjustments to GDP from R&D investment		227.4 128.9	240.8 142.5	250.3 154.0	268.3 171.4	292.0 193.6	293.4 195.8	288.6 186.9	301.3 192.5	318.1 200.9		j	
Government	95.0	93.6	93.2	91.0	91.2	92.4	91.3	94.9	101.3	109.1			
Nonprofit institutions serving households	4.8	4.9	5.2	5.3	5.6	6.0	6.3	6.8	7.4				
GDP with R&D treated as investment ³ Percent change in the level of GDP	7,606.6 2.8	8,036.9 2.8	8,537.4 2.8	8,988.8 2.8	9,524.4 2.8	10,093.9 2.8	10,405.8	10,734.2	11,234.9 2.5	11,969.4 2.4			
Addendum:				0									
R&D investment (2010 vintage) 4	196.5	210.2	225.5	239.1	258.4	281.5	292.4	292.0	306.0	321.5	345.3	371.7	405

Includes the amount of the R&D software overlap that is reflected in total business R&D investment.
 GDP adjusted by treating R&D as investment and with the double-counting of R&D software investment removed.
 GDR as published in the NIPAs when the 2007 R&D satellite account was released, adjusted by treating R&D as investment and with the double-counting of R&D software investment removed.

^{4.} 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 consumption of fixed capital charges and net returns to R&D investment.
Nore, Implemented using the aggregate output price index to estimate current-cost depreciation.

Table D. Effect on Private Fixed Investment With R&D Treated as Investment

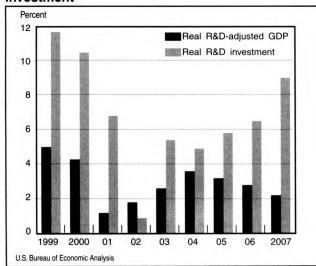
	Unadjusted, from the NIPAs	Adjusted for R&D1							
		Level	Change	Private R&D's share					
	Billions of	dollars	Perc	ent					
1960	75.7	80.4	6.3	5.9					
1970	150.4	161.6	7.5	6.9					
1980	485.6	519.3	6.9	6.7					
1990	846.4	932.0	10.1	9.7					
2000	1,717.7	1,902.6	10.8	10.5					
2007	2,266.1	2,522.4	11.3	11.1					

^{1.} Adjusted to include private R&D investment and to remove the double-counting of R&D software.

technology bubble, real private R&D investment decelerated in 2001, increasing only 5.0 percent after increasing 14.0 percent in 2000, and then declined 2.3 percent in 2002. In contrast, real government R&D investment sharply accelerated in 2001, increasing 11.2 percent after increasing only 2.8 percent in 2000, primarily reflecting federal R&D expenditures for health and for defense. Real government R&D investment increased 8.4 percent in 2002. Real R&D-adjusted GDP grew 1.8 percent in 2002 and outpaced total R&D investment, which grew only 0.9 percent (chart 3). The slight growth in real R&D investment reflected the increase in real government R&D investment that more than offset the decline in real private R&D investment.

After weak R&D investment growth in 2002, both private and government real R&D investment rebounded at a higher rate than real R&D-adjusted GDP for 2003 to 2007. Private R&D investment grew at an average annual rate of 7.5 percent, and government R&D investment grew at an average annual rate of 4.4 percent; real R&D-adjusted GDP grew at a rate of 2.9 percent.

Chart 3. Real R&D-Adjusted GDP and Real R&D Investment



Price Indexes for R&D Investment in the Satellite Account

The updated R&D account continues to present estimates of real R&D investment based on two price indexes: (1) an input price index similar to the price indexes used in the NIPAs when no market prices are observable, and (2) an aggregate output-based price index that indirectly reflects the movement of R&D output prices.

Input price index. The input price index is similar to price indexes 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. The input price index for R&D investment is 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 does not account for 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 lacking.

Aggregate output price index. The aggregate output price index is the featured price measure. It is a weighted average of the output prices of other products produced by R&D-intensive industries, and it assumes that 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 rapidly rising output prices for particular products. Although this index may pick up some of the effects of productivity growth in R&D-intensive industries, it may also be influenced by factors that are unrelated to R&D and that affect prices of other products produced by these industries. It is constructed using a Fisher-weighted combination of the output prices of 14 R&D-intensive industries with weights corresponding to each industry's share of annual business R&D investment.

For this update of the R&D satellite account, the index was improved by including the finance, insurance, real estate, rental, and leasing industry. For years before 1987, detailed industry investment measures were unavailable, and the aggregate output price index was a weighted average of only the top five industry R&D performers based on NSF data.

R&D as Investment by Industry

The R&D satellite account provides statistics on R&D investment for R&D-intensive industries for 1987 to 2007. Specifically, the account provides estimates of gross output and value added for these industries

when R&D is treated as investment.

The R&D satellite account provides detail for 14 R&D-intensive private industries. These 14 industries have the highest ratios of R&D investment to industry receipts and accounted for more than two-thirds of business R&D spending for 2007 (table 5.1). These industries include pharmaceutical and medicine manufacturing; semiconductor manufacturing; software publishing; motor vehicles, bodies and trailers, and parts manufacturing; computer systems design services; and nine other industries.⁹

The R&D satellite account by industry was improved to separately estimate R&D statistics for the finance, insurance, real estate, rental, and leasing industry. In the previous satellite account update, R&D investment for this industry was included in "all other for-profit industries." For 2007, R&D investment by this industry was \$2.2 billion, or 1 percent of total private industry investment in R&D.

The updated R&D satellite account contains an additional improvement to the R&D investment estimates by industry. It was expanded to include R&D investment by nonprofit industries and by government based on the methodology used in the NIPA-based satellite account. Including nonprofits and government provides a full accounting of R&D investment in the GDP by industry accounts.

The methodology used to prepare R&D investment by industry for this update is consistent with that used to construct the 2007 update. This methodology is based on the framework that was developed to treat spending on software as investment for the 1999 comprehensive revision of the NIPAs. The steps involved in adjusting gross output, intermediate inputs and value added for business R&D as investment are shown in table 8 for the pharmaceutical and medicine manufacturing industry for 2007.

The updated R&D investment by industry estimates incorporate results from the 2009 comprehensive revision of the NIPAs and the 2010 comprehensive revision of the annual industry accounts. ¹² Overall, the revisions were not large and do not change the picture of the economy presented in the 2007 update. The revisions were primarily due to the incorporation of unpublished source data from BEA's international accounts.

Industry results

Recognizing R&D as investment changes the relative importance of the 14 industries as contributors to economic growth. Table E compares each industry's share

Table E. Private Industry Value Added Unadjusted and Adjusted for R&D as Investment, 1995–2007

		Average annu real private indus	ual growth in stry value added				
		Unadjusted 1	Adjusted ²	Average annual value added by industry as a share of			
	All private industries	3.52	3.63	averáge annual p value a	rivate industry		
NAICS code		Industry share of private industry					
		Unadjusted 1	Adjusted ²	Unadjusted	Adjusted		
3254	Pharmaceutical and medicine manufacturing	0.5	1.9	0.8	1.1		
251-53,3255-56,3259	Chemicals minus pharmaceutical and medicine manufacturing	0.9	1.0	1.1	1.2		
3341	Computer and peripheral equipment manufacturing	5.1	4.9	0.4	0.4		
3342	Communications equipment manufacturing	0.6	0.9	0.2	0.3		
3344	Semiconductor and other electronic component manufacturing	6.8	6.8	0.6	0.8		
3345	Navigational, measuring, electromedical, and control instruments manufacturing	0.4	0.6	0.5	0.6		
3343, 3346	Other computer and electronic products manufacturing	-0.1	-0.1	0.1	0.1		
	Motor vehicles, bodies and trailers, and parts manufacturing	1.2	1.4	1.3	1.4		
3364	Aerospace product and parts manufacturing	0.4	0.6	0.6	0.7		
3365-66, 3369	Other transportation equipment manufacturing	0.2	0.2	0.2	0.2		
5112	Software publishers	2.0	2.3	0.6	0.7		
52-53	Finance, insurance, real estate, rental, and leasing	24.0	22.9	23.7	23.2		
	F	3.2	3.3	1.2	1.3		
5417	Scientific research and development services	0.8	1.3	0.5	0.6		
	All other for-profit industries	53.9	52.0	68.2	67.4		

^{1.} Corresponds to published values

^{9.} 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.

^{10.} Robbins and Moylan, 56-57.

^{11.} Brent R. Moulton, Robert P. Parker, and Eugene P. Seskin, "A Preview of the 1999 Comprehensive NIPA Revision: Definitional and Classificational Changes," Survey 79 (August 1999): 7–20.

^{12.} Seskin and Smith, 15–35 and Matthew M. Donahoe, Edward T. Morgan, Kevin J. Muck, and Ricky L. Stewart, "Annual Industry Accounts: Advance Statistics on GDP by Industry for 2009 and Revised Statistics for 1998–2008, Comprehensive Revision," Survey 90 (June 2010): 14–20.

^{2.} Value added with R&D treated as investment and with the double-counting of R&D software

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 NAICS North American Industry Classification System

R&D Research and development

of private industry value added before and after the adiustment for R&D investment and its share of the average annual growth rate of real private industry value added.

From 1995 to 2007, if R&D were treated as investment, private industry value added would have grown at an average annual rate of 3.6 percent.¹³ This compares with an unadjusted estimate of 3.5 percent growth.

If R&D were treated as investment, the pharmaceutical and medicine manufacturing industry's share of the growth in real private industry value added would be almost four times larger (1.9 percent, compared with the unadjusted estimate of 0.5 percent). In the scientific R&D services industry, the share of real private industry value added growth would be 1.3 per-

cent, compared with 0.8 percent. The software publishing industry's and the computer services industry's shares of growth would each be larger. The slight reduction in the share of growth in private industry value added attributed to the computer and peripheral equipment manufacturing industry and the finance, insurance, real estate, rental, and leasing industry is due to the slower growth of real R&D investment relative to each 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 a 2.7 percent share of the average annual growth in real GDP from 1959 to 2007; the contribution to real GDP growth would be greater in recent years, accounting for a 4.6 percent share from 1995 to 2007 (table F). The effect on the information-communication-and-technology-producing industries and the biotechnology-related industries, which consists of

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

NAICS code		1959–2007	1959–73	1973–95	1995–2007
	Average percent change at annual rate:				
	Real GDP 1	3.39	4.33	2.85	3.
	Average percentage points at annual rates: 2				
	GDP excluding R&D investment	3.22	4.09	2.74	3.
	Effect of R&D as investment 3	0.17	0.24	0.10	0
		0.00	0.07	0.07	•
0054	Business	0.09	0.07	0.07	0
3254		n.a.	n.a.	n.a.	0
3251–53, 3255–56, 3259	Chemicals minus pharmaceutical and medicine manufacturing	n.a.	n.a.	n.a.	0
3341 3342		n.a.	n.a. n.a.	n.a. l n.a. l	C
3344		n.a.		n.a.	0
3345	Navigational, measuring, electromedical, and control instruments manufacturing	n.a. n.a.	n.a. n.a.	n.a.	Ů
3343, 3346		n.a.	n.a.	n.a.	Ö
3361 - 63	Motor vehicles, bodies and trailers, and parts manufacturing	n.a.	n.a.	n.a. i	. 0
3364		n.a.	n.a.	n.a.	
3365–66, 3369		n.a.	n.a.	n.a.	Ċ
5112		n.a.	n.a.	n.a.	Č
52-53	Finance, insurance, real estate, rental, and leasing	n.a.	n.a.	n.a.	(
5415		n.a.	n.a.	n.a.	· (
5417		n.a.	n.a.	n.a.	
J417	All other for-profit industries	n.a.	n.a.	n.a.	Č
	,	0.08			
	Government		0.17	0.03	0
	Nonprofit institutions serving households	0.00	0.00	0.00	0
	Percent of average annual growth: 4				
	GDP excluding R&D investment	94.85	94.39	96.43	93
	Effect of R&D as investment ²	5.15	5.61	3.57	ε
	Business	2.70	1.60	2.54	4
3254		n.a.	n.a.	n.a.	1
3251-53, 3255-56, 325 9		n.a.	n.a.	n.a.	(
3341		n.a.	n.a.	n.a.	(
3342		n.a.	n.a.	n.a.	(
3344		n.a.	n.a.	n.a.	(
3345		n.a.	n.a.	n.a.	(
3343, 3346		n.a.	n.a.	n.a.	(
3361-63		n.a.	n.a.	n.a.	(
3364		n.a.	n.a.	n.a.	(
3365-66, 3369		n.a.	n.a.	n.a.	(
5112		n.a.	n.a.	n.a.	(
52-53		n.a.	n.a.	n.a.	
5415		n.a.	n.a.	n.a.	(
5417		n.a.	n.a.	n.a.	(
	All other for-profit industries	n.a.	n.a.	n.a.	(
	Government	2.35	3.94	0.92	1 2
	Nonprofit institutions serving households	1			

^{13.} 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 and does not include the government and nonprofit sectors.

n.a. Not available
1. GDP with R&D treated as investment and with the double-counting of R&D software investment 2. Average annual contributions to GDP growth including R&D are computed as the arithmetic

average of annual contributions to growth.

^{3.} Includes business investment, consumption of fixed capital charges for government and nonprofit

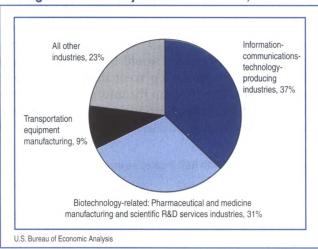
institutions serving households, and a net return to government and these nonprofit institutions. Percent of total is computed as the ratio of average annual contributions to growth over the average growth of GDP including the effects of treating R&D as investment.

Note: Implemented using the aggregate output price index. NAICS North American Industry Classification System

pharmaceutical and medicine manufacturing and scientific R&D services, is shown in chart 4. Together, these industries account for more than two-thirds of business R&D's average contribution to real GDP growth from 1995 to 2007.

Estimates of current-dollar and real investment for business are also provided for these industries for 1987 to 2007 (tables 5.1 and 5.2). Real investment is estimated using the same price index featured in the

Chart 4. Shares of Business R&D's Contribution to Average Real R&D-Adjusted GDP Growth, 1995–2007



NIPA-based satellite account—the aggregate R&D output price index.

The estimates show the impact of treating R&D as investment on industry gross output and value added. Current-dollar and real estimates, using the aggregate R&D output price index, are provided in 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 trade in services, economic census data on receipts for the R&D services industry, and unpublished data from BEA, the Census Bureau, and the National Science Foundation that were used to allocate R&D performance and investment to industries.

R&D as Investment in BEA's Regional Accounts

The updated estimates show that if R&D were treated as investment, GDP by state would have increased, on average, 2.5 percent from 1998 to 2007 (table G). (This is an unweighted average across all states.) The levels of GDP by state that would be most affected if R&D were treated as investment are New Mexico (9.2 percent),

Table G. Illustrative Estimates of the Effect on the Level of GDP by State With R&D Treated As Investment
[Percent]

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Average 1998– 2007		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Average 1998– 2007
United States	2.8	2.8	2.8	2.8	2.6	2.6	2.6	2.6	2.7	2.8	2.7	Missouri	1.3	1.3	1.6	1.5	1.4	1.4	1.5	1.8	1.7	1.8	1.5
Alabama	2.2	1.9	1.8	2.2	2.2	2.1	2.2	2.1	2.5	2.4	2.2	Montana	1.1	1.0	1.0	1.2	1.2	1.1	1.2	1.2	1.1	3.1	1.3
Alaska	0.8	0.8	0.9	1.2	1.2	1.2	0.9	0.8	0.8	0.9	1.0	Nebraska	0.7	0.9	0.9	1.1	1.2	1.1	1.2	1.2	1.2	1.2	1.1
Arizona	1.9	3.6	2.2	2.0	2.5	2.0	1.9	2.0	2.0	2.1	2.2	Nevada	1.0	0.8	0.6	0.6	0.7	0.7	0.7	0.6	0.7	0.7	0.7
Arkansas	0.6	0.6	0.8	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.7	New Hampshire	3.9	3.8	2.1	4.1	3.3	3.7	3.6	3.7	3.9	4.0	3.6
California	4.4	4.3	4.7	4.2	4.0	4.2	4.0	3.9	4.2	4.4	4.2	New Jersey	3.9	3.4	4.1	3.3	3.6	3.3	3.1	3.5	3.6	4.3	3.6
Colorado	3.7	3.4	2.9	2.7	2.5	2.7	2.9	2.8	2.8	3.0	2.9	New Mexico	8.0	8.5	7.5	9.3	10.5	9.7	9.4	9.3	10.1	9.7	9.2
Connecticut	2.7	3.1	3.3	3.4	4.2	3.8	4.4	4.8	4.5	5.0	3.9	New York	2.3	2.1	2.0	2.0	1.8	1.6	1.6	1.6	1.5	1.6	1.8
Delaware	7.4	3.7	4.1	3.2	3.1	3.0	2.4	3.0	2.8	2.8	3.5	North Carolina	2.1	2.1	2.0	2.2	1.8	2.1	2.1	2.2	2.2	2.5	2.1
District of Columbia	6.4	5.7	4.9	4.9	4.8	4.2	3.6	4.9	5.4	5.3	5.0	North Dakota	0.9	1.1	1.0	2.6	1.6	1.8	2.5	1.3	1.4	1.4	1.6
Florida	1.3	1.1	1.1	1.3	1.1	1.0	1.0	1.0	1.0	1.1	1.1	Ohio	2.2	2.5	2.3	2.5	2.3	2.2	1.9	2.0	2.2	2.4	2.2
Georgia	1.1	1.2	1.1	1.2	1.4	1.3	1.1	1.1	1.3	1.2	1.2	Oklahoma	0.7	0.9	0.8	1.0	0.9	1.0	0.8	0.7	0.8	0.8	0.8
Hawaii	0.8	0.9	0.9	1.0	1.2	1.0	1.1	1.0	1.0	1.1	1.0	Oregon	2.1	2.0	2.1	5.1	2.6	2.9	2.7	2.8	2.6	2.7	2.8
Idaho	4.2	4.9	4.7	3.8	3.9	3.2	2.4	2.3	2.0	2.3	3.4	Pennsylvania	2.6	3.0	2.8	2.9	2.5	2.3	2.5	2.6	2.7	2.7	2.7
Illinois	2.3	2.3	3.0	2.3	2.2	2.2	2.2	2.3	2.4	2.4	2.4	Rhode Island	6.5	6.6	5.3	5.2	4.7	4.7	4.8	5.1	4.7	2.7	5.0
Indiana	1.9	1.8	1.8	2.3	2.2	2.1	2.3	2.3	2.4	2.4	2.2	South Carolina	1.1	1.1	1.2	1.3	1.5	1.3	1.3	1.6	1.6	1.6	1.4
lowa	1.5	1.3	1.3	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	South Dakota	0.4	0.3	0.4	0.6	0.5	0.5	0.5	0.6	0.7	0.8	0.5
Kansas	2.2	2.4	2.0	2.1	2.2	2.3	2.4	2.5	2.2	1.5	2.2	Tennessee	1.7	0.4	1.4	1.6	1.5	1.6	1.7	1.5	1.6	1.8	1.5
Kentucky	0.7	0.9	0.9	0.9	1.0	0.9	0.8	0.9	1.0	1.0	0.9	Texas	1.9	2.0	1.8	1.8	1.9	1.8	1.7	1.7	1.7	1.7	1.8
Louisiana	0.6	0.6	0.6	0.7	0.7	0.7	0.6	0.6	0.5	0.6	0.6	Utah	2.8	2.8	2.3	2.3	2.3	2.0	2.1	2.3	2.2	2.4	2.4
Maine	0.6	0.8	1.0	1.2	1.2	1.0	1.0	1.2	1.0	1.1	1.0	Vermont	1.3	2.8	3.1	2.4	2.2	2.5	2.6	2.3	2.2	2.4	2.4
Maryland	6.3	5.8	5.7	6.9	5.1	5.2	7.2	6.7	6.8	6.4	6.2	Virginia	2.7	2.5	2.3	2.3	2.3	2.7	2.5	2.7	3.1	2.9	2.6
Massachusetts	6.5	5.5	5.5	5.7	5.5	5.5	5.5	5.9	6.7	7.9	6.0	Washington	4.7	4.6	5.5	4.9	4.7	4.7	4.4	4.3	4.7	4.9	4.7
Michigan	5.1	6.1	6.2	4.9	4.5	4.7	4.7	4.9	4.9	4.7	5.0	West Virginia	1.3	1.3	1.3	1.2	1.4	1.3	1.2	1.3	1.1	1.3	1.3
Minnesota	2.5	2.4	2.5	2.8	2.8	2.8	2.7	3.0	3.0	3.1	2.8	Wisconsin	1.8	1.7	1.7	1.9	2.0	1.9	1.9	1.8	1.9	2.1	1.9
Mississippi	0.8	0.9	0.9	1.1	1.1	2.3	1.0	1.1	1.1	1.1	1.1	Wyoming	0.6	0.5	0.4	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.5
												States' average	2.5	2.5	2.4	2.5	2.4	2.4	2.4	2.4	2.5	2.6	2.5

Notes. Percent change is calculated as the ratio of the adjustment to unadjusted GDP by state. The U.S impacts may differ from the national income and product account (NIPA) values because of revi-

sions to the NIPA values and because the GDP by state accounts exclude federal military and civilian activity located overseas (which cannot be attributed to a particular state).

Maryland (6.2 percent) and Massachusetts (6.0 percent). For New Mexico and Maryland, federal government R&D accounted for most of the impact of treating R&D as investment, increasing state GDP by 8.4 percent in New Mexico and 5.2 percent in Maryland. For Massachusetts, business R&D investment accounted for 3.3 percentage points of the increase. For Montana, a substantial increase in federal funding for R&D in 2007 boosted the impact of capitalizing R&D on state GDP to 3.1 percent for 2007 from 1.1 percent for 2006.¹⁴

The estimates of R&D-adjusted GDP by state for 1998 to 2002 have been revised. The revisions are due to the incorporation of revised NSF data, revised NIPA-based estimates of R&D investment, and revised estimates of GDP by state.

To move from a satellite account to the full incorporation of capitalized R&D into BEA's GDP by state and metropolitan area statistics, BEA will need to produce estimates of the impact of R&D investment at the detail level of geographic region by industry. These statistics are currently published for about 62 industries.¹⁵ A project currently underway at the Census Bureau's Center for Economic Studies is intended to produce information to benchmark these more detailed regional statistics. To obtain real values of R&D investment, BEA plans to use R&D price indexes developed at the national level to deflate current-dollar values of R&D investment that would be consistent with BEA's current use of industry-weighted national price indexes to deflate current-dollar GDP by state statistics. BEA NIPA estimates of industry-specific R&D depreciation rates would also be used to provide state estimates of net R&D stock. The Census Bureau project is expected to be completed in time for the estimates to be incorporated into the regional accounts after the incorporation of R&D as investment into BEA's national and industry accounts.

R&D as Investment in BEA's International Accounts

The international component of the R&D satellite account quantifies the impact of capitalizing R&D on several items in the international accounts, including balances from the international transactions accounts (ITAs), the U.S. net international investment position,

and value added for multinational companies (MNCs). The summary estimates presented here for 1995 to 2004 have been revised, and the series have been updated through 2008.

The estimates of the effect of treating R&D as an investment rather than as an expense in the international accounts should still be considered experimental, as BEA continues to study several methodological issues. One issue of particular concern for the international R&D estimates relates to the nonrival nature of R&D capital. To the extent that R&D capital is nonrival, its use by one entity of an MNC does not diminish the ability of other entities of the MNC to use it so that in some cases, the various entities that comprise an MNC can share R&D results at little or no cost. Consequently, it is difficult to attribute ownership rights of R&D capital across either the entities within MNCs or national boundaries. A second, more practical issue concerns data limitations, particularly the lack of data on R&D stocks for firms that enter the population of MNCs.16

In the ITAs, the current account measures transactions in goods, services, income, and current transfers between U.S. residents and nonresidents. Treating R&D as an investment rather than as an expense affects the current account through its impact on direct investment income, a measure of the return on the direct investment of MNCs. The balance on direct investment income is the difference between U.S. parents' share of their foreign affiliates' income and foreign parents' share of their U.S. affiliates' income. When R&D is capitalized, estimates of both direct investment income receipts and direct investment payments rise as the respective values of R&D funded by these entities are treated as investment and no longer reduce income except through depreciation.

For 2008, the adjusted estimate of the direct investment income surplus would be \$3.5 billion, or 1.2 percent, larger than the unadjusted estimate, because the adjustment's effect on direct investment income receipts would be larger than that on direct investment income payments (see the top panel of table H). As a

^{14.} For more information on the source data and the methods used to prepare the estimates, see Robbins and Moylan, 58–59.

^{15.} GDP by metropolitan area is produced for slightly fewer industries, due to data confidentiality issues.

^{16.} For a detailed discussion of the various difficulties of capitalizing R&D in the international accounts and a more detailed description of the methodology used to construct the international component of the R&D satellite account, see Daniel R. Yorgason, "Treatment of International Research and Development as Investment Issues and Estimates," Bureau of Economic Analysis (October, 2007); www.bea.gov/papers. Most of the estimates presented in that paper go back further than 1995—for some series as far back as 1966. However, the estimates in that paper differ slightly from those presented here, primarily because of subsequent revisions to the underlying series.

Table H. 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												
	Dire investment		Interna investment		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	8.5	-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	-300.8	-307.0							
2000	94.9	89.9	21.1	16.1	-416.4	-421.4							
2001	115.9	111.4	31.7	27.3	-397.2	-401.6							
2002	102.3	99.4	27.4	24.4	-458.1	-461.0							
2003	112.7	110.2	45.3	42.9	-520.7	-523.1							
2004	150.9	151.8	67.2	68.2	-630.5	-629.6							
2005	173.2	175.2	72.4	74.3	-747.6	-745.6							
2006	174.0	175.1	48.1	49.1	-802.6	-801.6							
2007	241.6	242.1	99.6	100.1	-718.1	-717.5							
2008	287.7	291.2	152.0	155.5	-668.9	-665.4							
		Inte	ernational inve	estment posit	tion								

	n	ternat	ional	investmen	t position
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	Outward in	vestment	Inward in	vestment	Net position⁴				
	Unadjusted	Adjusted	Unadjusted	Adjusted	Unadjusted	Adjusted			
1995	3,486.3	3,553.8	3,916.5	3,982.8	-430.2	-429.0			
1996	4,032.3	4,104.0	4,495.6	4,568.3	-463.3	-464.3			
1997	4,567.9	4,643.0	5,354.1	5,433.3	-786.2	-790.3			
1998	5,095.5	5,175.1	5,953.9	6,045.5	-858.4	-870.4			
1999	5,974.4	6,061.2	6,705.5	6,808.4	-731.1	-747.3			
2000	6,238.8	6,331.3	7,575.8	7,691.5	-1,337.0	-1,360.2			
2001	6,308.7	6,406.4	8,183.7	8,308.6	-1,875.0	-1,902.2			
2002	6,649.1	6,752.4	8,693.7	8,825.0	-2,044.6	-2,072.6			
2003	7,638.1	7,750.7	9,731.9	9,872.0	-2,093.8	-2,121.2			
2004	9,340.6	9,465.3	11,593.7	11,741.2	-2,253.0	-2,275.9			
2005	11,961.6	12,096.7	13,893.7	14,050.8	-1,932.1	-1,954.1			
2006	14,428.1	14,578.9	16,619.8	16,789.4	-2,191.7	-2,210.5			
2007	18,339.9	18,510.5	20,255.6	20,440.3	-1,915.7	-1,929.8			
2008	19,244.9	19,425.3	22,738.8	22,936.2	-3,493.9	-3,510.9			
	1 1				1 1				

	Majority foreign a		U.S. pa	arents	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	2,270.5	447.3	472.2		
2001	585.7	602.7	1,892.4	2,027.3	417.1	442.1		
2002	601.6	620.5	1,858.8	1,986.8	460.6	486.5		
2003	697.8	718.9	1,958.1	2,087.6	475.1	502.5		
2004	818.3	843.0	2,173.5	2,324.0	511.5	538.6		
2005	911.5	938.0	2,321.1	2,483.9	549.6	577.0		
2006	1,001.2	1,029.5	2,536.9	2,705.9	616.3	646.2		
20076	1,161.2	1,194.2	2,705.1	2,891.8	680.6	715.2		
2008	1,267.0	1,302.4	2,529.3	2,711.8	670.3	704.5		

The international transactions accounts summarize economic transactions between the United States and

consequence of the larger direct investment income surplus, the international investment income surplus (which includes both direct investment income and other types of investment income) and the current-account balance would also be larger by \$3.5 billion. Relative to their unadjusted values, the international investment income surplus would be 2.3 percent higher for 2008, and the current-account deficit would be 0.5 percent lower.

Capitalizing R&D would also result in changes in the international investment position accounts (see the middle panel of table H). Adding the stock of R&D attributed to foreign affiliates to the outward investment position (U.S.-owned assets abroad) would increase that position by \$180.4 billion, or 0.9 percent, for 2008. Similarly, the inward investment position would increase by the value of R&D stock attributed to foreignowned affiliates in the United States. For 2008, the inward investment position would increase \$197.5 billion, or 0.9 percent. Because the increase in the inward investment position would be larger, the net international investment position, which measures the difference between the outward and inward investment positions, would fall \$17.0 billion, or 0.5 percent.

BEA conducts annual surveys on the finances and operations of MNCs. Although these operations data do not directly enter the ITAs or the international investment position, they provide a picture of the overall activities of MNCs and are useful in analyzing the characteristics, performance, and economic impact of MNCs. The MNC operations data include estimates of value added, or the portion of a firm's output that reflects its own production. The value added of the three groups of entities covered by BEA's surveys of MNCs—majority-owned foreign affiliates, U.S. parents of foreign affiliates, and majority-owned U.S. affiliates of foreign companies—is measured as the sum of the costs incurred (excluding intermediate inputs) and the profits earned in production. Because spending on R&D that had previously been expensed no longer counts against profits when R&D is treated as investment, the estimate of value added increases by the amount of R&D spending.

For majority-owned foreign affiliates of U.S. MNCs, value added for 2008 would rise \$35.4 billion, or 2.8 percent, relative to the unadjusted estimate (see the bottom panel of table H). For U.S. parent companies, value added would rise \$182.5 billion, or 7.2 percent. For majority-owned U.S. affiliates of foreign MNCs,

^{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 profitor of a fire current that reflects the firm's production, in these actimates it is

^{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.
6. Break in series. The data for 1999–2006 cover nonbank parents and affiliates; the data for 2007–2008 cover nonbank and bank parents and affiliates.

the value added would rise \$34.2 billion, or 5.1 percent.

Further Research

In an effort to improve the R&D estimates for incorporation into BEA's core accounts, BEA will continue its research on R&D price indexes and depreciation measures. As noted, the R&D satellite account is currently based on two aggregate price indexes: the input price index and an output-based price index. Currently, BEA is working to develop prototype, industry-specific R&D input price indexes that reflect the changing prices of inputs to R&D investment by industry and adjust for productivity. BEA is also exploring the development of updated depreciation measures based on new National Science Foundation (NSF) survey data on R&D service lives as well as depreciation measures based on financial data. Depreciation measures in the R&D satellite account are currently based on averages

for R&D from the economics literature.

Other considerations for implementation include developing more timely indicators of R&D investment and estimating additional industry detail. The main source data for the R&D satellite account is the NSF's Survey of Industrial R&D, which is published with a 2-year lag. As R&D is incorporated into BEA's core accounts, more timely annual and quarterly indicators must be prepared. In order to capitalize R&D investment in the benchmark input-output accounts, the updated R&D satellite account estimates of R&D investment by industry must also be broken out in greater industry detail.

Incorporating R&D into the core accounts is part of BEA's broader effort to better capture the impact of innovation on the U.S. economy. In addition to R&D investment, BEA plans to capitalize artistic originals—such as movies, books, and music—in its core accounts in 2013.

Tables 1.1 to 8 follow.

Table 1.1. Real Gross Domestic Product and Real Gross Domestic Product With R&D Treated as Investment, 1959–2007

Millions of chained (2005) dollars GDP (from the NIPAs)	1969 1970)									
GDP (from the NIPAs)											
Adjusted GDP, with R&D adjusted by:											
Input cost index	261,800 4,269 ,9 415,977 4,422,0										
	306,497 4,315,9	962									
Input cost index	3.6	3.6									
Aggregate output price index		1.1									
1971 1972 1973 1974 1975 1976 1977 1978 1979 1980	1981 1982	2									
Millions of chained (2005) dollars											
djusted GDP, with R&D adjusted by: 1	987,189 5,870,9										
	168,443 6,057,0 029,240 5,918,3										
Percent increase in GDP											
Input cost index 3.5 3.4 3.3 3.2 3.2 3.1 3.0 2.9 2.9 3.0 Aggregate output price index 1.1 1.1 1.1 0.9 0.9 0.8 0.7 0.7 0.7		3.2 0.8									
1983 1984 1985 1986 1987 1988 1989 1990 1991 1992	1993 1994	1									
Millions of chained (2005) doilars	Millions of chained (2005) dollars										
djusted GDP, with R&D adjusted by: 1	523,449 8,870,6	573									
	792,703 9,143,0 624,861 8,974,6										
Percent increase in GDP											
Input cost index 3.2 3.2 3.2 3.3 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.3 3.3 3.3 3.3 3.2		3.1 1.2									
1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2	2005 ² 2006	200									
Millions of chained (2005) dollars	Millions of chained (2005) dollars										
DP (from the NIPAs)		` ·									
Input cost index											
Percent increase in GDP											

Adjusted GDP incorporates the impact of treating R&D as investment and the removal of the R&D software investment double-count.
 The 2005 chained-dollar values do not match the 2005 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. GDP Gross domestic product NIPAs National income and product accounts R&D Research and development

Table 1.2. Gross Domestic Product and Gross Domestic Product With R&D Treated as Investment, 1959–2007

									1				
	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	
	Millions of dollars												
GDP (from the NIPAs)	506,627	526,438	544,758	585,656	617,760	663,639	719,115	787,692	832,445	909,843	984,431	1,038,326	-
Adjusted GDP (with CFC adjusted by):1 Input cost index	517,396	538,650	558,550	601,388	634,912	683,269	741,449	812,539	859,802	940,042	1,017,307	1,072,623	
Aggregate output price index	517,723	538,951	558,579	601,081	634,765	682,709	740,574	811,545	858,490	938,377	1,015,059	1,070,198	
						Percent incre	ease in GDP						
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	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	3.1	
				T					1	1			
	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	
						Millions	of dollars						
GDP (from the NIPAs)	1,126,817	1,237,885	1,382,269	1,499,452	1,637,700	1,824,583	2,030,130	2,293,762	2,562,228	2,788,143	3,126,837	3,253,194	
Adjusted GDP (with CFC adjusted by):1	1,163,426	1,277,552	1,425,110	1,545,309	1,687,141	1,877,750	2,087,914	2,357,022	2,631,981	2,866,417		3,350,485	
Aggregate output price index	1,160,613	1,273,698	1,420,956	1,542,756	1,686,016	1,876,789	2,086,769	2,356,236	2,631,932	2,867,471	3,218,433	3,353,188	-
	Percent increase in GDP												
Input cost index	3.2	3.2	3.1	3.1	3.0	2.9	2.8	2.8	2.7	2.8	2.8	3.0	
Aggregate output price index	3.0	2.9	2.8	2.9	3.0	2.9	2.8	2.7	2.7	2.8	2.9	3.1	-
	1983	1984	1985	1000	1987	1988	1000	1990	1001	1000	1000	4004	-
	1983	1984	1985	1986	1987		1989	1990	1991	1992	1993	1994	
	Millions of dollars												
GDP (from the NIPAs) Adjusted GDP (with CFC adjusted by):1	3,534,606	3,930,895	4,217,470	4,460,067	4,736,354	5,100,422	5,482,146	5,800,527	5,992,094	6,342,306	6,667,350	7,085,160	
Input cost index	3,641,166	4,050,692	4,347,518 4.349,934	4,597,759 4,599,723	4,880,837 4,882,201	5,256,944			6,181,288	6,538,952	6,867,653	7,291,531	
Aggregate output price index	3,643,517	4,053,403	4,349,934	4,599,725			5,650,788		6,177,401	6,532,649	6,860,208	7,282,704	-
		_				Percent incre	ease in GDP		1			ſ	-
Input cost index	3.0 3.1	3.0 3.1	3.1 3.1	3.1 3.1	3.1 3.1	3.1 3.1	3.1 3.1	3.1 3.0	3.2 3.1	3.1	3.0 2.9	2.9 2.8	
33 3 1 1						l							
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	20
	Millions of dollars												
GDP (from the NIPAs)	7,414,655	7,838,456	8,332,362	8,793,495	9,353,484	9.951.482	10.286,167	10.642.316	11.142.143	11.867.753	12.638.381	13,398,917	14,06
Adjusted GDP (with CFC adjusted by):1 Input cost index	7.635.988	8.075.566	8.586.564	9.060.135		10,255,194					, ,	' '	′
Aggregate output price index	7,623,985		8,565,991			10,235,194							
							L	. 000	1	L		L .	
Í						Percer	nt increase ir	า GDP					
Input cost index	3.0	3.0	3.1	3.0	3.0	Percer 3.1	1t increase in	2.9	2.8	2.8	2.8	2.9	

Adjusted GDP incorporates the impact of treating R&D as investment and the removal of the R&D soft-ware investment double-count.
 Differences based on price indexes are due to the effect of the price indexes on current-cost depreciation.
 Noτε. Percent increase is the adjustment to GDP calculated as a percent of unadjusted GDP from the NIPAs.

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

Table 1.3. Gross Domestic Income and Gross Domestic Income With R&D Treated as Investment, 1959–2007

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	
	Millions of dollars												
DI (from the NIPAs)	506,148	527,390	545,347	585,338	618,584	662,865	717,616	781,519	827,939	905,528	981,560	1,031,449	
Adjusted GDI: 1 Input cost index	516,917	539,602	559,139	601,070	635,736	682,495	739,950	806,366	855,296	935,727	1,014,436	1,065,746	
Aggregate output price index	517,244	539,903	559,168	600,763	635,589	681,935	739,075	805,372	853,984	934,062	1,012,188	1,063,321	
						Percent incr	ease in GDI						
Input cost index	2.1 2.2	2.3 2.4	2.5 2.5	2.7 2.6	2.8 2.7	3.0 2.9	3.1 3.0	3.2 3.1	3.3 3.1	3.3 3.2	3.3 3.1	3.3 3.1	
33 3								L					
	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	
		,				Millions	of dollars						
GDI (from the NIPAs)diusted GDI:1	1,115,803	1,228,939	1,374,250	1,489,638	1,621,394	1,801,113	2,008,917	2,267,707	2,515,255	2,742,851	3,090,256	3,248,444	
Input cost index	1,152,412 1,149,599	1,268,606 1,264,752	1,417,091 1,412,937	1,535,495 1,532,942	1,670,835 1,669,710	1,854,280 1,853,319		2,330,967 2,330,181	2,585,008 2,584,959	2,821,125 2,822,179	3,179,159 3,181,852	3,345,735 3,348,438	
	Percent increase in GDI												
Input cost index	3.3	3.2	3.1	3.1	3.0	3.0	2.9	2.8	2.8	2.9	2.9	3.0	
Aggregate output price index	3.0	2.9	2.8	2.9	3.0	2.9	2.8	2.8	2.8	2.9	3.0	3.1	
						T	I						
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	
	Millions of dollars												
GDI (from the NIPAs)	3,484,911	3,899,356	4,175,169	4,392,323	4,703,481	5,109,955	5,426,041	5,716,327	5,912,357	6,232,314	6,531,555	6,976,351	
Input cost index	3,591,471 3,593,822	4,019,153 4,021,864	4,305,217 4,307,633	4,530,015 4,531,979	4,847,964 4,849,328	5,266,477 5,267,502	5,595,130 5,5 9 4,683	5,893,543 5,890,426	6,101,551 6,097,664	6,428,960 6,422,657	6,731,858 6,724,413	7,182,722 7,1 7 3,895	
	Percent increase in GDI												
Input cost index	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.1	3.0	•
Aggregate output price index	3.1	3.1	3.2	3.2	3.1	3.1	3.1	3.0	3.1	3.1	3.0	2.8	
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	200
	1995	1330	1997	1330	1333				2003	2004	2003	2000	200
ADI (Complete ANDA A	Millions of dollars 7,362,133 7,812,536 8,346,336 8,878,816 9,424,551 10,085,468 10,389,521 10,664,388 11,125,532 11,875,602 12,718,041 13,619,489 14										44.04		
iDI (from the NIPAs)djusted GDI:1	7,362,133	7,812,536	8,346,336	8,878,816	9,424,551			' '		' '	' '		
Input cost index	7,583,466 7,571,463	8,049,646 8,033,217	8,600,538 8,579,965	9,145,456 9,121,804				10,968,568 10,942,644					
	Percent increase in GDI										L		
Input cost index	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.8	2.8	2.8	2.9	
Aggregate output price index	2.8	2.8	2.8	2.7	2.7	2.8	2.7	2.6	2.6	2.5	2.6	2.6	

^{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.

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

Table 1.4. National Saving and National Saving With R&D Treated as Investment as a Percent of Adjusted Gross National Income, 1959–2007

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	
	1333	1300	1301	1502			national inco	,	1301	1300	1303	1370	
National caving	20.8	21.0	20.8	21.2	21.4	21.5	21.9	21.5	20.5	20.0	20.1	18.6	
National saving	20.6	21.0	20.0	21.2					20.5	20.0	20.1	10.0	
			-		Percent o	f adjusted gi	ross national	income					
Adjusted national saving: 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	20.7	
	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	
				1	Perc	ent of gross	national inco	ome					
National saving	18.6	19.2	21.1	20.1	18.2	18.8	19.6	20.8	20.9	19.5	20.7	18.9	
	1			1	Percent of	f adjusted g	ross national	income		-			
Adjusted national saving:¹ Aggregate output price index	20.6	21.1	22.9	21.8	20.0	20.6	21.3	22.5	22.7	21.4	22.6	21.0	
	1983	4004	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	
	1983	1984	1985	1986			national inco		1991	1992	1993	1994	
No.	1		4-0										
National saving	17.1	19.1	17.6	16.1	16.6	17.6	17.0	16.0	16.0	14.9	14.6	15.6	
					Percent o	of adjusted g	ross national	Income					
Adjusted national saving:¹ Aggregate output price index	19.3	21.3	19.9	18.5	18.9	19.8	19.2	18.2	18.3	17.1	16.7	17.7	
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
					ı	Percent of	gross nation	al income					
National saving	16.5	17.1	18.2	18.6	18.1	17.8	16.2	14.6	13.9	14.4	14.9	15.9	14
	i		L .	l.	Pe	rcent of adju	sted gross n	ational incom	1 ne				
Adjusted national saving:1 Aggregate output price index	18.5	19.2	20.3	20.6	20.1	19.9	18.4	16.7	16.0	16.5	16.9	18.0	10

^{1.} Adjusted national saving incorporates the impact of treating R&D as investment and the removal of the R&D software investment double-count.

Nors. Slight differences in the saving rate are due to the effect of the alternate price indexes on current-cost depreciation. R&D Research and development

Table 1.5. Aggregate Returns to R&D Assets, 1959-2007

(Millions of dollars)

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	
Nonprofit institutions serving households:			40				70		25	400			
Net returns Depreciation	39 93	39 99	43 107	50 118	58 130	67 144	79 159	89 178	95 201	106 225	111 249	110 277	
Government:				İ						j	ì		
Net returns Depreciation	2,004 4,776	2,207 5,529	2,519 6,281	3,001 7,008	3,443 7,784	4,080 8,722	4,816 9,685	5,344 10,695	5,555 11,810	6,060 12,861	6,144 13,793	5,861 14,807	
	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	
Nonprofit institutions serving households:													
Net returns	126 309	139 335	153 362	164 429	192 510	215 558	247 614	280 685	303 782	329 913	404 1.062	422 1,183	
Government:		000	002	423	310	330	014	005	702	313	1,002	1,100	
Net returns Depreciation	6,407 15,748	6,809 16,403	7,226 17,149	7,500 19,671	8,470 22,543	9,136 23,718	10,091 25,139	10,987 26,996	11,424 29,647	11,982 33,523	14,270 37,930	14,512 41,110	
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	
onprofit institutions serving households:	-											-	
Net returns Depreciation	484 1,280	593 1,393	635 1.502	662 1.625	728 1,754	828 1.927	899 2,127	943 2.320	994 2.563	1,077 2,775	1,181 3.002	1,312 3,217	
Government:	.,;		.,:	,	.,	.,	_,	_,	_,	_,	-,	*,	
Net returns	16,234 43,417	19,499 46,375	20,599 49,317	21,095 52,419	22,620 55,272	24,806 58,711	25,579 61,621	25,338 63,529	25,118 65,987	25,445 66,774	26,150 67,668	27,395 68,347	
	·	'				,		,	,				
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
onprofit institutions serving households:													
Net returns Depreciation	1,414 3.354	1,509 3,429	1,623 3,549	1,650 3,688	1,728 3,912	1,821 4,227	1,788 4,504	1,929 4,882	2,184 5,293	2,436 5.719	2,717 6,219	3,031 6,721	3,3 7,2
iovernment:	3,334	3,429	3,349	3,008	3,912	4,221	4,504	4,002	5,293	5,719	0,∠19¦	0,/21	7,2
Net returns	28,073	28,568	29,229	28,226	28,042	27.957	26.097	27.014	29,710	32,735	36,068	39,740	43.7
INCLICIONIS													

R&D Research and development Nore. 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, 1959–2007

[Millions of dollars]

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	
Total R&D investment	13,889	15,243	16,072	17,186	19,192	20,892	22,215	24,317	25,718	27,154	28,301	28,510	
Private	4,319	4,781	5,039	5,447	5,808	6,280	6,981	7,839	8,705	9,628	10,694	11,220	
Business	4,185	4,639	4,872	5,248	5,590	6,056	6,719	7,546	8,383	9,282	10,331	10,816	
Chemical (NAICS 325)	781	845	919	980	1,047	1,148	1,249	1,329	1,356	1,526	1,635	1,675	
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	2,619	
Computer and electronic (NAICS 334)	896 1,477	1,072 1,641	1,114 1,688	1,201 1,844	1,271 1,967	1,382 2,168	1,525 2,360	1,790 2,599	2,011 2,788	2,241 3,152	2,529 3,527	2,689 3,833	
Universities and colleges	1,477	1,041	19	21	22	2,100	2,300	2,399	51	56	59	3,833 63	
Other nonprofit institutions serving households	118	124	149	178	196	196	224	247	271	291	304	341	
Government	9,570	10,462	11.033	11,739	13,384	14,612	15,234	16,479	17,013	17.526	17.607	17,290	
Federal government extramural	7,748	8,467	8.855	9,355	10,686	11,519	11.818	12,790	13,106	13,511	13,409	12.725	
Federal government intramural	1,665	1,821	1,985	2,170	2,461	2,829	3,127	3,357	3,534	3,595	3,719	4,032	
State and local governments ²	113	126	139	153	166	182	196	218	229	260	307	340	
Universities and colleges	44	48	54	61	71	82	94	114	144	161	171	193	
	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	
Total R&D investment	29,326	31,338	33,765	36,428	38,994	43,028	47,150	53,085	61,130	70,608	81,054	90,072	
Private	11,640	12,586	14,272	16,076	17,216	19,270	21,321	24,802	29,338	34,886	40,794	46,172	
Business	11,207	12,126	13,797	15,540	16, 6 02	18,579	20,548	23,915	28,327	33,751	39,488	44,716	
Chemical (NAICS 325)	1,733	1,830	2,014	2,369	2,653	2,931	3,089	3,515	4,068	4,722	5,519	6,909	
Transportation (NAICS 336)	2,607 2,855	2,805 3,144	3,377 3,466	3,623 ° 3,827	3,569 4,048	4,115 4.528	4,768 4,875	5,693 5,849	6,665	7,706 8,735	8,467 10.663	9,612 11,2 4 9	
All other for-profit ¹	4,012	4,347	4,940	5,721	6,332	7,005	7,817	8,859	7,192 10,402	12,588	14,840	16,945	
Universities and colleges	70	70	68	74	81	.,000	108	133	155	174	202	229	
Other nonprofit institutions serving households	364	390	407	463	533	602	665	754	855	961	1,104	1,227	
Government	17,686	18,752	19,493	20,351	21,777	23,758	25,828	28,283	31,793	35,723	40,260	43,900	
Federal government extramural	12,687	13,328	13,715	14,165	15,144	16,783	18,496	20,324	23,078	25,997	29,643	32,568	
Federal government intramural	4,401	4,766	5,037	5,356	5,717	5,972	6,207	6,656	7,252	8,066	8,739	9,264	
State and local governments ² Universities and colleges	380 218	417 241	465 276	508 322	562 354	608 395	660 465	751 552	826 637	905 755	1,004 874	1,064 1,004	
Oniversities and coneges	210	241	2/0		304		403	332	007			1,004	
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	
Total R&D investment	99,762	113,211	126,964	134,107	143,230	151,545	160,095	166,101	174,464	178,244	179,190	182,928	
Private	51,433	59,137	65,505	69,603	71,878	78,486	86,372	90,596	100,054	104,342	105,543	108,487	
Business	49,834	57,376	63,529	67,362	69,370	75,561	83,092	87,036	96,101	100,117	101,092	103,897	
Chemical (NAICS 325)	7,591	8,635	9,255	9,738	10,668	12,098	13,156	14,468	15,877	16,691	18,245	18,492	
Transportation (NAICS 336)	10,049 13,383	11,615 14,787	13,467	15,249 16,319	16,406	16,893	17,522	16,494	17,128	19,005	19,064	20,127	
Computer and electronic (NAICS 334)	18,811	22,339	15,473 25,335	26,056	14,547 27,749	15,097 31,473	15,228 37,186	15,071 41,003	15,258 47,838	16,245 48,177	16,236 47,547	18,180 47,098	
Universities and colleges	241	267	303	340	383	426	475	541	613	625	625	648	
Other nonprofit institutions serving households	1,358	1,494	1,674	1,900	2,126	2,499	2,805	3,019	3,340	3,599	3,826	3,942	
Government	48,329	54,075	61,459	64,504	71,352	73,058	73,723	75,505	74,410	73,902	73,647	74,441	
Federal government extramural	35,862	40,239	46,049	47,596	54,315	54,993	54,358	55,186	53,914	52,941	51,973	52,432	
Federal government intramural	10,210	11,362	12,588	13,683	13,476	14,159	15,071	15,627	15,511	15,845	16,407	16,500	
State and local governments ² Universities and colleges	1,118 1,139	1,214 1,261	1,376 1,445	1,545 1,680	1,683 1,878	1,813 2,093	1,923 2.371	2,042 2.650	2,129 2,856	2,162 2,954	2,173 3.093	2,220 3,289	
Onliversities and colleges	1,100	1,201	1,440	1,000	1,070	2,033	2,3/1	2,030	2,030	2,934	3,083		
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total R&D investment	196,503	210,164	225,515	239,058	258,444	281,543	292,378	291,985	306,044	321,455	345,313	371,664	405,6
Private	196,503 120,550	210,164 133,658	225,515 147,501	239,058 159,647	258,444 177,968	281,543 199,988	292,378 204,182	291,985 197,354	306,044 203,415	321,455 211,708	345,313 229.872	371,664 251,245	405,6 279,9
Private	196,503 120,550 115,801	210,164 133,658 128,644	225,515 147,501 142,116	239,058 159,647 153,870	258,444 177,968 171,841	281,543 199,988 193,365	292,378 204,182 197,151	291,985 197,354 189,731	306,044 203,415 195,432	321,455 211,708 203,541	345,313 229.872	371,664 251,245 241,774	405,6 279,9 269,6
Private	196,503 120,550 115,801 19,737	210,164 133,658 128,644 20,426	225,515 147,501 142,116 21,918	239,058 159,647 153,870 24,671	258,444 177,968 171,841 27,559	281,543 199,988 193,365 30,119	292,378 204,182 197,151 32,579	291,985 197,354 189,731 36,345	306,044 203,415 195,432 42,489	321,455 211,708 203,541 50,574	345,313 229,872 221,068 53,894	371,664 251,245 241,774 59,037	405,6 279,9 269,6 77,0
Private Business Chemical (NAICS 325) Transportation (NAICS 336)	196,503 120,550 115,801	210,164 133,658 128,644 20,426 23,422	225,515 147,501 142,116	239,058 159,647 153,870	258,444 177,968 171,841	281,543 199,988 193,365	292,378 204,182 197,151 32,579 22,858	291,985 197,354 189,731	306,044 203,415 195,432 42,489 28,276	321,455 211,708 203,541	345,313 229.872	371,664 251,245 241,774 59,037 32,734	405,6 279,9 269,6 77,0 33,9 51,5
Private Business Chemical (NAICS 325) Transportation (NAICS 336) Computer and electronic (NAICS 334) All collect for-profit	196,503 120,550 115,801 19,737 21,839 22,387 51,838	210,164 133,658 128,644 20,426 23,422 26,029 58,767	225,515 147,501 142,116 21,918 22,849 30,696 66,653	239,058 159,647 153,870 24,671 21,857 32,946 74,397	258,444 177,968 171,841 27,559 25,398 32,589 86,296	281,543 199,988 193,365 30,119 24,501 41,458 97,288	292,378 204,182 197,151 32,579 22,858 45,663 96,051	291,985 197,354 189,731 36,345 23,441 43,806 86,139	306,044 203,415 195,432 42,489 28,276 43,670 80,998	321,455 211,708 203,541 50,574 28,536 42,061 82,370	345,313 229,872 221,068 53,894 31,178 44,302 91,693	371,664 251,245 241,774 59,037 32,734 50,508 99,495	405,6 279,9 269,6 77,0 33,9 51,5
Private Business Chemical (NAICS 325) Transportation (NAICS 336) Computer and electronic (NAICS 334) All other for-profit' Universities and colleges.	196,503 120,550 115,801 19,737 21,839 22,387 51,838 704	210,164 133,658 128,644 20,426 23,422 26,029 58,767 776	225,515 147,501 142,116 21,918 22,849 30,696 66,653 792	239,058 159,647 153,870 24,671 21,857 32,946 74,397 806	258,444 177,968 171,841 27,559 25,398 32,589 86,296 879	281,543 199,988 193,365 30,119 24,501 41,458 97,288 97,288	292,378 204,182 197,151 32,579 22,858 45,663 96,051 1,066	291,985 197,354 189,731 36,345 23,441 43,806 86,139 1,196	306,044 203,415 195,432 42,489 28,276 43,670 80,998 1,316	321,455 211,708 203,541 50,574 28,536 42,061 82,370 1,410	345,313 229,872 221,068 53,894 31,178 44,302 91,693 1,584	371,664 251,245 241,774 59,037 32,734 50,508 99,495 1,782	405,6 279,9 269,6 77,0 33,9 51,5 107,0
Private Business Chemical (NAICS 325) Transportation (NAICS 336) Computer and electronic (NAICS 334) All other for-profit' Universities and colleges. Other nonprofit institutions serving households	196,503 120,550 115,801 19,737 21,839 22,387 51,838 704 4,044	210,164 133,658 128,644 20,426 23,422 26,029 58,767 776 4,237	225,515 147,501 142,116 21,918 22,849 30,696 66,653 792 4,593	239,058 159,647 153,870 24,671 21,857 32,946 74,397 806 4,971	258,444 177,968 171,841 27,559 25,398 32,589 86,296 879 5,248	281,543 199,988 193,365 30,119 24,501 41,458 97,288 977 5,646	292,378 204,182 197,151 32,579 22,858 45,663 96,051 1,066 5,965	291,985 197,354 189,731 36,345 23,441 43,806 86,139 1,196 6,427	306,044 203,415 195,432 42,489 28,276 43,670 80,998 1,316 6,667	321,455 211,708 203,541 50,574 28,536 42,061 82,370 1,410 6,757	345,313 229,872 221,068 53,894 31,178 44,302 91,693 1,584 7,220	371,664 251,245 241,774 59,037 32,734 50,508 99,495 1,782 7,688	405,6 279,9 269,6 77,0 33,9 51,5 107,0 1,9 8,3
Private Business Chemical (NAICS 325) Transportation (NAICS 336) Computer and electronic (NAICS 334) All other for-profit Universities and colleges. Other nonprofit institutions serving households Government.	196,503 120,550 115,801 19,737 21,839 22,387 51,838 704 4,044 75,954	210,164 133,658 128,644 20,426 23,422 26,029 58,767 776 4,237 76,506	225,515 147,501 142,116 21,918 22,849 30,696 66,653 792 4,593 78,014	239,058 159,647 153,870 24,671 21,857 32,946 74,397 806 4,971 79,411	258,444 177,968 171,841 27,559 25,398 32,589 86,296 879 5,248 80,476	281,543 199,988 193,365 30,119 24,501 41,458 97,288 97,288 97,5,646 81,555	292,378 204,182 197,151 32,579 22,858 45,663 96,051 1,066 5,965 88,196	291,985 197,354 189,731 36,345 23,441 43,806 86,139 1,196 6,427 94,631	306,044 203,415 195,432 42,489 28,276 43,670 80,998 1,316 6,667 102,629	321,455 211,708 203,541 50,574 28,536 42,061 82,370 1,410 6,757 109,746	345,313 229,872 221,068 53,894 31,178 44,302 91,693 1,584 7,220 115,440	371,664 251,245 241,774 59,037 32,734 50,508 99,495 1,782 7,688 120,420	405,6 279,9 269,6 77,0 33,9 51,5 107,0 1,9 8,3
Private Business Chemical (NAICS 325) Transportation (NAICS 336) Computer and electronic (NAICS 334) All other for-profit Universities and colleges Other nonprofit institutions serving households Government Federal government extramural	196,503 120,550 115,801 19,737 21,839 22,387 51,838 704 4,044 75,954 53,827	210,164 133,658 128,644 20,426 23,422 26,029 58,767 776 4,237 76,506 54,043	225,515 147,501 142,116 21,918 22,849 30,696 66,653 792 4,593 78,014 54,632	239,058 159,647 153,870 24,671 21,857 32,946 74,397 806 4,971 79,411 55,543	258,444 177,968 171,841 27,559 25,398 32,589 86,296 879 5,248 80,476 55,482	281,543 199,988 193,365 30,119 24,501 41,458 97,288 97,5646 81,555 53,710	292,378 204,182 197,151 32,579 22,858 45,663 96,051 1,066 5,965 88,196 57,580	291,985 197,354 189,731 36,345 23,441 43,806 86,139 1,196 6,427 94,631 61,657	306,044 203,415 195,432 42,489 28,276 43,670 80,998 1,316 6,667 102,629 67,338	321,455 211,708 203,541 50,574 28,536 42,061 82,370 1,410 6,757 109,746 73,993	345,313 229,872 221,068 53,894 31,178 44,302 91,693 1,584 7,220 115,440 77,645	371,664 251,245 241,774 59,037 32,734 50,508 99,495 1,782 7,688 120,420 81,248	405,6 279,9 269,6 77,0 33,9 51,5 107,0 1,9 8,3 125,6 84,7
Private Business Chemical (NAICS 325) Transportation (NAICS 336) Computer and electronic (NAICS 334) All other for-profit Universities and colleges. Other nonprofit institutions serving households Government.	196,503 120,550 115,801 19,737 21,839 22,387 51,838 704 4,044 75,954	210,164 133,658 128,644 20,426 23,422 26,029 58,767 776 4,237 76,506	225,515 147,501 142,116 21,918 22,849 30,696 66,653 792 4,593 78,014	239,058 159,647 153,870 24,671 21,857 32,946 74,397 806 4,971 79,411	258,444 177,968 171,841 27,559 25,398 32,589 86,296 879 5,248 80,476	281,543 199,988 193,365 30,119 24,501 41,458 97,288 97,288 97,5,646 81,555	292,378 204,182 197,151 32,579 22,858 45,663 96,051 1,066 5,965 88,196	291,985 197,354 189,731 36,345 23,441 43,806 86,139 1,196 6,427 94,631	306,044 203,415 195,432 42,489 28,276 43,670 80,998 1,316 6,667 102,629	321,455 211,708 203,541 50,574 28,536 42,061 82,370 1,410 6,757 109,746	345,313 229,872 221,068 53,894 31,178 44,302 91,693 1,584 7,220 115,440	371,664 251,245 241,774 59,037 32,734 50,508 99,495 1,782 7,688 120,420	405,6 279,9 269,6 77,0 33,9 51,5 107,0 1,9 8,3

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

Table 2.2. Real Investment in R&D by Type of Funder, 1959–2007

[Millions of chained (2005) dollars]

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	
Total DOD investment							55,895					64,746	
Total R&D investment	34,167 10.625	37,758 11,842	40,040 12,554	43,082 13,654	48,515 14,682	52,772 15,863	17,565	60,641 19,547	62,872 21,281	65,048 23.063	66,566 25,153	25,481	
Private	10,823	11,491	12,136	13,156	14,130	15,297	16,906	18,817	20,494	22,234	24,299	24,563	
Chemical (NAICS 325)	1,920	2,094	2,291	2,456	2,647	2,900	3,143	3,314	3,314	3,655	3,846	3,803	
Transportation (NAICS 336)	2,535	2,678	2,868	3,066	3,298	3,431	3,987	4,558	5,448	5,661	6,208	5,947	
Computer and electronic (NAICS 334)	2,205	2,655	2,774	3,011	3,214	3,492	3,838	4,464	4,916	5,367	5,949	6,107	
All other for-profit ¹	3,634	4,064	4,204	4,622	4,972	5,475	5,939	6,480	6,815	7,551	8,296	8,705	
Universities and colleges	40 291	44 307	47 370	51 447	56 496	71 496	96 563	115	126 661	133 696	138 716	144 774	
Other nonprofit institutions serving households								615					
Government Federal government extramural	23,542 19,060	25,916 20,974	27,486 22,060	29,42 8 23, 4 51	33,833 27,014	36,908 29,096	38,330 29,735	41,093 31,894	41,591 32.039	41,984 32,366	41,413 31,540	39,264 28,898	
Federal government intramural	4.096	4,510	4,946	5.441	6,220	7,145	7,867	8,372	8,640	8,611	8,747	9,156	
State and local governments ²	279	313	346	383	420	459	492	543	561	622	723	772	
Universities and colleges	108	119	134	154	180	208	236	284	351	385	403	438	
	1074	1070	4070	1071	1075	1070	1077	1070	1070	1000	1001	1000	
	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	
Total R&D investment	64,114	67,209	70,855	67,569	63,119	66,023	68,421	72,174	76,420	78,942	80,920	83,842	
Private	25,447	26,992	29,950	29,820	27,868	29,569	30,940	33,721	36,675	39,003	40,726	42,978	
Business	24,500	26,007	28,952	28,825	26,873	28,508	29,819	32,515	35,412	37,734	39,423	41,623	
Transportation (NAICS 325)	3,790 5,698	3,925 6,015	4,227 7,086	4,394 6,719	4,294 5,777	4,498 6,314	4,482 6,920	4,778 7,7 4 0	5,086 8,332	5,280 8,615	5,510 8.453	6,432 8,947	
Computer and electronic (NAICS 334)	6,241	6,744	7,000	7.099	6,552	6,947	7,074	7,953	8,991	9.765	10,646	10,471	
All other for-profit ¹	8,771	9,323	10,367	10,613	10,249	10,749	11,343	12,045	13,003	14,074	14,815	15,773	
Universities and colleges	152	149	143	137	132	137	156	181	194	194	201	213	
Other nonprofit institutions serving households	795	836	855	858	864	923	965	1,025	1,069	1,075	1,102	1,143	
Government	38,666	40,217	40,905	37,749	35,251	36,455	37,481	38,453	39,745	39,939	40,193	40,863	
Federal government extramural	27,737	28,584 10,221	28,780	26,275 9.935	24,514 9,254	25,752 9,164	26,840 9,008	27,632	28,850 9,065	29,065 9.018	29,593 8.725	30,315 8,623	
Federal government intramural State and local governments ²	9,621 831	895	10,569 977	9,935	9,254	9,164	9,008	9,050 1,021	1,033	1,012	1,003	990	
Universities and colleges	477	517	579	597	573	606	675	750	797	844	873	934	
Total R&D investment Private Business Chemical (NAICS 325) Transportation (NAICS 336) Computer and electronic (NAICS 334) All other for-profit Universities and colleges Other nonprofit institutions serving households Government Federal government extramural Federal government intramural State and local governments² Universities and colleges.	89,231 46,004 44,574 6,790 8,988 11,970 16,826 215 1,215 43,227 32,076 9,132 1,000 1,019	96,976 50,656 49,148 7,396 19,136 229 1,279 46,320 34,468 9,732 1,039 1,039	1985 105,757 54,564 52,918 7,709 11,218 12,888 21,103 252 1,394 51,193 38,358 10,486 1,146 1,204	1986 109,235 56,694 54,869 7,932 12,421 13,292 21,224 277 1,548 52,541 38,768 11,145 1,259 1,368	1987 115,436 57,930 55,909 8,598 13,222 11,724 22,364 308 1,713 57,506 43,775 10,861 1,356 1,514	1988 120,074 62,187 59,870 9,586 13,385 11,962 24,937 337 1,980 57,887 43,573 11,219 1,436 1,659	1989 125,247 67,572 65,005 10,292 13,708 11,913 29,092 372 2,195 57,675 42,526 11,790 1,504 1,855	130,039 70,927 68,139 11,327 12,913 11,799 32,101 424 2,364 59,112 43,204 12,234 1,599 2,074	1991 134,904 77,367 74,310 12,277 13,244 11,798 36,990 474 2,583 57,537 41,689 11,994 1,647 2,208	1992 138,813 81,259 77,969 12,998 14,801 12,651 37,519 487 2,803 57,553 41,230 12,339 1,684 2,300	1993 139,900 82,401 78,926 14,244 12,676 37,122 488 2,987 57,499 40,578 12,810 1,697 2,415	1994 143,449 85,074 81,474 14,501 15,783 14,256 36,933 508 3,091 58,376 41,117 12,939 1,741 2,579	
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total R&D investment	158,252	177,816	199,620	221,865	247,886	273,997	292,597	295,275	311,315	326,416	345,313	367,673	400,6
Private	97,084	113,086	130,564	148,165	170,698	194,628	204,335	199,578	206,919	214,976	229,872	248,547	276,5
Business	93,259	108,844	125,798	142,803	164,821	188,183	197,298	191,869	198,798	206,683	221,068	239,178	266,3
Chemical (NAICS 325)	15,895 17,588	17,282	19,401	22,897	26,433 24,360	29,311	32,603	36,755	43,221	51,355 28,977	53,894	58,404 32,382	76,1 33,5
Transportation (NAICS 336)Computer and electronic (NAICS 334)	17,588	19,817 22,023	20,225 27,172	20,285 30,576	24,360 31,257	23,845 40,347	22,875 45,698	23,705 44,299	28,763 44,422	42,710	31,178 44,302	49,966	33,5 50,8
All other for-profit ¹	41,748	49,722	58,999	69,046	82,770	94,680	96,123	87,110	82,393	83,642	91,693	98,427	105.7
Universities and colleges	567	657	701	748	843	951	1,067	1,209	1,338	1,432	1,584	1,763	1,9
Other nonprofit institutions serving households	3,257	3,585	4,065	4,613	5,033	5,494	5,970	6,500	6,782	6,861	7,220	7,605	8,2
Government	61,169	64,731	69,056	73,700	77,188	79,369	88,262	95,697	104,396	111,440	115,440	119,127	124,1
Federal government extramural	43,349	45,725	48,359	51,548	53,216	52,270	57,623	62,352	68,497	75,135	77,645	80,375	83,6
Federal government intramural	13,188	13,794	14,769	15,545 2,461	16,577	18,857	21,455	23,384	25,418	25,473	26,493	26,744	27,4
State and local governments ²	1,887 2,7 4 5	2,091 3,120	2,277 3,650	4,1 4 6	2,706 4,689	2,941 5,301	3,197 5,988	3,436 6,526	3,682 6,799	3,851 6,981	3,873 7,429	4,039 7,969	4,3 8,5
Universities and conedes	2,740	3,120	3,030	7,140	7,000	0,001	0,000	0,020	0,133	0,501	1,723	1,000	0,0

 [&]quot;All other for-profit" represents all for-profit business R&D excluding the three industries above.
 Excludes universities and colleges.
 Nore. Implemented using the aggregate output price index.
 NAICS North American Industry Classification System
 R&D Research and development

Table 2.3. Current-Cost Net Stock of R&D by Type of Funder, 1959–2006

[Millions of dollars]

Total R&D net stock	134,231 14 45,715 5 44,096 4 9,333 1 9,699 1 15,445 1 246 1,373 88,517 9 68,533 7 18,049 1 1,262 673 18,049 1 1,262 673 48 200,139 2 200,139 2 200,139 25 21
Private	45,715 5 44,096 4 9,333 9,618 1 9,669 1 15,445 1 246 1,373 88,517 9 68,533 18,049 1 1,262 673 1 1981 15 443,732 48 200,139 22
Business	44,096 4 9,333 1 9,699 1 15,445 1 246 1 1,373 88,517 9 68,533 9 18,049 1 1,262 673 1 1981 15 443,732 48 200,139 22
Chemical (NAICS 325)	9,333 1 9,689 1 15,445 1 1,373 88,517 9 68,533 7 18,049 1 1,262 673 1 1981 15 443,732 48 200,139 22
Transportation (NAICS 336)	9,609 1 15,445 1 246 1,373 88,517 9 68,533 7 18,049 1 1,262 673 1 1981 15 443,732 48 200,139 22
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 All other for-profit 7,602 7,934 8.260 8,669 9,161 9,814 10.588 11,559 12,630 13,887 Universities and colleges 112 110 111 113 116 124 142 166 192 218 Other nonprofit institutions serving households 479 519 576 650 732 805 897 1,004 1,123 1,245 Government 23,629 27,768 31,628 35,306 39,785 44,572 49,110 54,301 59,340 64,034 Federal Government extramural 23,629 27,768 31,628 35,306 39,785 44,572 49,110 54,301 59,340 64,034 Federal Government intramural 7,387 7,919 8,522 9,190 10,059 11,192 12,480 13,899 15,356 16,663 State and local governments2 483 524 571 623 681 749 822 913 1,006 1,114 Universities and colleges 240 247 258 274 298 330 369 425 503 586 Total R&D net stock 154,223 162,999 182,403 212,589 235,166 251,888 272,383 300,573 341,546 393,764 Private 55,194 59,545 68,458 82,068 92,729 101,408 111,784 126,138 146,785 173,483 Business 53,208 57,392 66,018 79,174 89,445 97,802 107,788 121,621 141,558 167,399 Chemical (NAICS 325) 11,021 11,761 13,304 15,890 18,283 19,648 21,693 24,593 24,593 24,853 24,85 27,637 32,454 38,820 All other for-profit 18,817 20,391 23,541 26,471 26,471 35,590 39,904 45,110 52,502 62,283 Universities and colleges 307 331 370 432 480 516 569 650 576 62 895 762 76,203 77,003 7	15,445 1 246 1,373 88,517 9 68,533 7 18,049 1 1,262 673 1 1981 19 443,732 48 200,139 22
Universities and colleges 112 110 111 113 116 124 142 166 192 218 Other nonprofit institutions serving households 479 519 576 650 732 805 897 1,004 1,123 1,245 Government 1,3738 36,458 40,979 45,393 50,823 56,843 62,782 69,537 76,205 82,397 Federal Government extramural 23,629 27,768 31,628 35,306 39,785 44,572 49,110 54,301 59,340 64,034 Federal Government intramural 7,387 7,919 8,522 9,190 10,059 11,192 12,480 13,899 15,356 16,663 State and local governments* 483 524 571 623 681 749 822 913 1,006 1,114 Universities and colleges 240 247 258 274 298 330 369 425 503 586 16,663 State and local governments* 55,194 59,545 68,458 82,068 92,729 101,408 111,784 126,138 146,785 173,483 Business 53,208 57,392 66,018 79,174 89,445 97,802 107,788 121,621 141,558 167,399 Chemical (NAICS 325) 11,021 11,761 13,304 15,890 18,094 19,858 21,695 144,558 167,399 Chemical (NAICS 336) 11,024 11,026 11,027 13,943 16,560 18,238 19,648 21,603 24,500 28,593 33,670 Computer and electronic (NAICS 334) 12,023 13,163 15,230 18,253 20,540 22,388 24,485 27,637 32,454 38,820 All other for-prolit* 18,817 20,391 23,541 28,471 32,573 33,990 44,5110 52,502 62,283 Universities and colleges 307 763 31 370 432 480 516 569 650 6762 895	246 1,373 88,517 98,533 7 18,049 1,262 673 1981 1981 1981 1981 200,139 22
Universities and colleges 112 110 111 113 116 124 142 166 192 218 Other nonprofit institutions serving households 479 519 576 650 732 805 897 1,004 1,123 1,245 Government 1,3738 36,458 40,979 45,393 50,823 56,843 62,782 69,537 76,205 82,397 Federal Government extramural 23,629 27,768 31,628 35,306 39,785 44,572 49,110 54,301 59,340 64,034 Federal Government intramural 7,387 7,919 8,522 9,190 10,059 11,192 12,480 13,899 15,356 16,663 State and local governments* 483 524 571 623 681 749 822 913 1,006 1,114 Universities and colleges 240 247 258 274 298 330 369 425 503 586 16,663 State and local governments* 55,194 59,545 68,458 82,068 92,729 101,408 111,784 126,138 146,785 173,483 Business 53,208 57,392 66,018 79,174 89,445 97,802 107,788 121,621 141,558 167,399 Chemical (NAICS 325) 11,021 11,761 13,304 15,890 18,094 19,858 21,695 144,558 167,399 Chemical (NAICS 336) 11,024 11,026 11,027 13,943 16,560 18,238 19,648 21,603 24,500 28,593 33,670 Computer and electronic (NAICS 334) 12,023 13,163 15,230 18,253 20,540 22,388 24,485 27,637 32,454 38,820 All other for-prolit* 18,817 20,391 23,541 28,471 32,573 33,990 44,5110 52,502 62,283 Universities and colleges 307 763 31 370 432 480 516 569 650 6762 895	1,373 88,517 9 68,533 7 18,049 1 1,262 673 1981 19 443,732 48 200,139 22
Section Computer	88,517 9 68,533 7 18,049 1 1,262 673 1 1981 19 443,732 48 200,139 22
Federal Government extramural 23,629 27,786 31,628 35,306 39,785 44,572 49,110 54,301 59,340 64,034 Federal Government intramural 7,387 7,919 8,522 9,190 10,059 11,192 12,480 13,899 13,006 1,114 Universities and colleges 240 247 258 274 298 330 369 425 503 586 Total R&D net stock 154,223 162,999 182,403 212,589 235,166 251,888 272,383 300,573 341,546 393,764 Private 55,194 59,545 68,458 82,068 92,729 101,408 111,784 126,138 146,785 173,483 Business 53,208 57,392 66,018 79,174 89,445 97,802 107,788 121,621 141,558 167,399 Chemical (NAICS 325) 11,021 11,761 13,304 15,890 18,094 19,858 21,693 24,507 24,373 28,009 32,626 Transportation (NAICS 336) 11,346 12,077 13,943 16,560 18,238 19,648 21,603 24,500 28,593 33,670 Computer and electronic (NAICS 334) 12,023 13,163 15,230 18,253 20,540 22,388 24,485 27,637 32,454 38,820 All other for-prolit* 18,817 20,391 23,541 28,471 32,573 33,990 45,110 52,502 62,283 Universities and colleges 307 331 370 432 480 516 569 650 762 895	68,533 7 18,049 1 1,262 673 1 1981 19 443,732 48 200,139 22
Federal Government extramural 23,629 27,768 31,628 35,306 39,785 44,572 49,110 54,301 59,340 64,034 Federal Government intramural 7,387 7,919 8,522 9,190 10,059 11,192 12,480 13,899 13,006 11,114 Universities and colleges 240 247 258 274 298 330 369 425 503 586 Total R&D net stock 154,223 162,999 182,403 212,589 235,166 251,888 272,383 300,573 341,546 393,764 Private 55,194 59,545 68,458 82,068 92,729 101,408 111,784 126,138 146,785 173,483 Business 53,208 57,392 66,018 79,174 89,445 97,802 107,788 121,621 141,558 167,399 Chemical (NAICS 325) 11,021 11,761 13,304 15,890 18,094 19,858 21,795 24,373 28,009 32,626 Transportation (NAICS 336) 11,346 12,077 13,943 16,560 18,238 19,688 21,683 24,85 27,637 32,454 38,820 All other for-prolit 18,817 20,391 23,541 28,471 32,573 33,990 45,110 52,502 62,283 Universities and colleges 307 331 370 432 480 516 569 650 6762 895 67,289 67,034 64,034 64,034 State and local governments 13,840 12,023 13,163 15,230 18,253 20,540 22,388 24,485 27,637 32,454 38,820 All other for-prolit 18,817 20,391 23,541 28,471 32,573 33,990 45,110 52,502 62,283 Universities and colleges 307 331 370 432 480 516 569 650 6762 895 6762 89	18,049 1,262 673 1981 19 443,732 48 200,139 22
State and local governments2	1,262 673 1981 19 443,732 48 200,139 22
1971 1972 1973 1974 1975 1976 1977 1978 1979 1980	1981 19 443,732 48 200,139 22
1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 Total R&D net stock	1981 19 443,732 48 200,139 22
Total R&D net stock	443,732 48 200,139 22
Private 55,194 59,545 68,458 82,068 92,729 101,408 111,784 126,138 146,785 173,483 Business 53,208 57,392 66,018 79,174 89,445 97,802 107,788 121,621 141,558 167,399 Chemical (NAICS 325) 11,021 11,761 13,304 15,890 18,094 19,858 21,795 24,373 28,009 32,626 Transportation (NAICS 336) 11,346 12,077 13,1943 16,560 18,238 19,648 21,603 24,500 28,593 Computer and electronic (NAICS 334) 12,023 13,163 15,230 18,253 20,540 22,388 24,855 27,637 32,454 38,820 All other for-profiti* 18,817 20,391 23,541 28,471 32,573 39,904 45,110 52,502 62,283 Universities and colleges 307 331 370 432 480 516 569 650 762 895	200,139 22
Private 55,194 59,545 68,458 82,068 92,729 101,408 111,784 126,138 146,785 173,483 Business 53,208 57,392 66,018 79,174 89,445 97,802 107,788 121,621 141,558 167,399 Chemical (NAICS 325) 11,021 11,761 13,304 15,890 18,094 19,858 21,795 24,373 28,009 32,626 Transportation (NAICS 336) 11,346 12,077 13,1943 16,560 18,238 19,648 21,603 24,500 28,593 Computer and electronic (NAICS 334) 12,023 13,163 15,230 18,253 20,540 22,388 24,855 27,637 32,454 38,820 All other for-profiti* 18,817 20,391 23,541 28,471 32,573 39,904 45,110 52,502 62,283 Universities and colleges 307 331 370 432 480 516 569 650 762 895	200,139 22
Business 53,208 57,392 66,018 79,174 89,445 97,802 107,778 121,621 141,558 167,399 Chemical (NAICS 325) 11,021 11,761 13,304 15,890 18,094 19,858 21,795 24,373 28,009 32,626 Transportation (NAICS 336) 11,346 12,077 13,943 16,560 18,238 19,648 21,603 24,500 28,593 33,670 Computer and electronic (NAICS 334) 12,023 13,163 15,230 18,253 20,540 22,388 24,855 27,637 32,454 38,820 All other for-profiti 18,817 20,391 23,541 28,471 32,573 35,909 39,904 45,110 52,502 62,283 Universities and colleges 307 331 370 432 480 516 569 650 762 895	
Chemical (NAICS 325) 11,021 11,761 13,304 15,890 18,094 19,858 21,795 24,373 28,009 32,626 Transportation (NAICS 336) 11,346 12,077 13,943 16,560 18,238 19,648 21,603 24,500 28,593 33,670 Computer and electronic (NAICS 334) 12,023 13,163 15,230 18,253 20,540 22,388 24,485 27,637 32,454 38,820 All other for-profit' 18,817 20,391 23,541 28,471 32,573 35,909 39,904 45,110 52,502 62,283 Universities and colleges 307 331 370 432 480 516 569 650 762 895	133,663
Transportation (NAICS 336) 11,346 12,077 13,943 16,560 18,238 19,648 21,603 24,500 28,593 33,670 Computer and electronic (NAICS 334) 12,023 13,163 15,230 18,253 20,540 22,388 24,485 27,637 32,454 38,820 All other for-profit* 18,817 20,391 23,541 28,471 32,573 35,909 39,904 45,110 52,502 62,283 Universities and colleges 307 331 370 432 480 516 569 650 762 895	37,196 4
Computer and electronic (NAICS 334) 12,023 13,163 15,230 18,253 20,540 22,388 24,485 27,637 32,454 38,820 All other for-profiti* 18,817 20,391 23,541 28,471 32,573 35,909 39,904 45,110 52,502 62,283 Universities and colleges 307 331 370 432 480 516 569 650 762 895	38,213 4
All other for-profit 18,817 20,391 23,541 28,471 32,573 35,909 39,904 45,110 52,502 62,283 Universities and colleges 307 331 370 432 480 516 569 650 762 895	45,628 5
Universities and colleges	72.187 8
Other nonprofit institutions serving households	1,026
	5,888
Government 99,029 103,454 113,945 130,521 142,436 150,480 160,599 174,435 194,761 220,281	243,594 26
Federal Government extramural	176,983 18
Federal Government intramural 21,352 22,982 26,009 30,498 33,879 36,098 38,537 41,731 46,247 51,898	56,675 5
State and local governments ²	5,769
Universities and colleges	4,166
1983 1984 1985 1986 1987 1988 1989 1990 1991 1992	1993 19
Total R&D net stock	921,188 93
Private 245,555 271,235 297,161 320,902 342,983 368,324 394,230 420,912 450,628 477,434	501,836 51
Business 237,326 262,336 287,555 310,518 331,694 355,862 380,541 405,893 434,184 459,622	482,639 49
Chemical (NAICS 325)	99.044 10
Transportation (NAICS 336)	82,881 8
Computer and electronic (NAICS 334) 56,740 62,848 68,171 72,918 75,197 77,669 79,209 80,442 81,295 82,441	83.464
All other for-profit	217,249 22
Universities and colleges	2,844
Universities and colleges 1,235 1,339 1,450 1,570 1,710 1,871 2,039 2,247 2,480 2,676 Other nonprofit institutions serving households 6,994 7,560 8,155 8,814 9,579 10,591 11,650 12,771 13,963 15,137	16,353 1
Government 276,160 293,939 313,701 331,049 351,880 371,586 385,910 400,228 409,671 414,818	419,353 41
Federal Government extramural	305,934 30
Federal Government intramural	88,695 8
State and local governments ²	11,122 1
Universities and colleges	13,602 1
1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	2005 20
	1,614,972 1,72
	1,071,514 1,15
Business 513,154 532,615 560,883 597,228 653,829 720,978 783,171 836,177 891,553 956,036 1	1,031,657 1,10
Chemical (NAICS 325)	249,573 27
	125,524 13
	201,463 21
Computer and electronic (NAICS 334). 88 459 93 805 102 302 111 617 120 689 136 179 153 218 166 969 179 235 189 838 1	455,098 48
Computer and electronic (NAICS 334)	6,443
Computer and electronic (NAICS 334) 88,459 93,805 102,302 111,617 120,689 136,179 153,218 166,969 179,235 189,838 All other for-profit 230,816 240,287 255,247 275,660 308,038 345,103 376,124 396,548 411,361 429,446 Universities and colleges 3,068 3,190 3,305 3,426 3,651 3,929 4,257 4,692 5,198 5,771	0,443
Computer and electronic (NAICS 334) 88,459 93,805 102,302 111,617 120,689 136,179 152,218 166,969 179,235 189,838 All other for-profit* 230,816 240,287 255,247 275,660 308,038 345,103 376,124 396,548 411,361 429,446 Universities and colleges 3,068 3,190 3,305 3,426 3,651 3,929 4,257 4,692 5,198 5,771 Other nonprofit institutions serving households 17,799 18,263 18,972 19,977 21,400 22,959 24,632 26,695 28,816 31,003	33,413
Computer and electronic (NAICS 334) 88,459 93,805 102,302 111,617 120,689 136,179 153,218 166,969 179,235 189,838 All other for-profit 230,816 240,287 255,247 275,660 380,038 345,103 376,124 396,548 411,361 429,446 Universities and colleges 3,068 3,190 3,305 3,426 3,651 3,929 4,257 4,692 5,198 5,771 Other nonprofit institutions serving households 17,799 18,263 18,972 19,977 21,400 22,959 24,632 26,695 28,816 31,003 Government 411,470 402,794 397,404 396,368 402,877 409,676 422,735 443,677 471,365 506,406	33,413 3 543,458 57
Computer and electronic (NAICS 334) 88,459 93,805 102,302 111,617 120,689 136,179 153,218 166,969 179,235 189,838 All other for-profit' 230,816 240,287 255,247 275,660 308,038 345,103 376,124 396,548 411,361 429,446 Universities and colleges 3,068 3,190 3,305 3,426 3,651 3,929 4,257 4,692 5,198 5,771 Other nonprofit institutions serving households 17,799 18,263 18,972 19,977 21,400 22,959 24,632 26,695 28,816 31,003 Government 411,470 402,794 397,404 396,368 402,877 409,676 422,735 443,677 471,365 506,406 Federal Government extramural 297,352 289,956 284,696 282,863 285,719 286,774 292,090 303,121 319,465 342,853	33,413 3 543,458 57 367,462 38
Computer and electronic (NAICS 334) 88,459 93,805 102,302 111,617 120,689 136,179 153,218 166,969 179,235 189,838 All other for-profit 1 230,816 240,287 255,247 275,660 308,038 345,103 376,124 396,548 411,361 429,446 Universities and colleges 3,068 3,190 3,305 3,426 3,651 3,929 4,257 4,692 5,198 5,771 Other nonprofit institutions serving households 17,799 18,263 18,972 19,977 21,400 22,959 24,632 26,695 28,816 31,003 Government 411,470 402,794 397,404 396,368 402,877 409,676 422,735 443,677 471,365 506,406 Federal Government extramural 297,352 289,956 284,696 282,863 285,719 286,774 292,090 303,121 319,465 342,853 Federal Government intramural 87,873 85,988 84,865 84,349 85,879 89,145 94,055 100,622 10,8,487 116,391	33,413 3 543,458 57 367,462 38 124,870 13
Computer and electronic (NAICS 334) 88,459 93,805 102,302 111,617 120,689 136,179 153,218 166,969 179,235 189,838 All other for-profit' 230,816 240,287 255,247 275,660 308,038 345,103 376,124 396,548 411,361 429,446 Universities and colleges 3,068 3,190 3,305 3,426 3,651 3,929 4,257 4,692 5,198 5,771 Other nonprofit institutions serving households 17,799 18,263 18,972 19,977 21,400 22,959 24,632 26,695 28,816 31,003 Government 411,470 402,794 397,404 396,368 402,877 409,676 422,735 443,677 471,365 506,406 Federal Government extramural 297,352 289,956 284,696 282,863 285,719 286,774 292,090 303,121 319,465 342,853	33,413 3 543,458 57 367,462 38

 [&]quot;All other for-profit" represents all for-profit business net stock of R&D excluding the three industries above.
 Excludes universities and colleges.
 Nore: Current-cost stock is estimated using the aggregate output price index.
 NAICS North American Industry Classification System
 R&D Research and development

Table 2.4. Real Net Stock of R&D by Type of Funder, 1959-2007

[Millions of chained (2005) dollars]

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	
Total R&D net stock	126,856	142,683	158,250	174,301	192,974	212,789	232,524	253,679	273,693	292,679	310,185	323,348	
Private	48,510	52,117	55,845	60,036	64,552	69,491	75,265	81,997	89,292	97,103	105,638	113,163	
Business	47,053	50,553	54,129	58,116	62,411	67,146	72,663	79,110	86,110	93,631	101,897	109,134	
Chemical (NAICS 325)	9,498	10,433	11,450	12,511	13,636	14,877	16,210	17,559	18,759	20,150	21,568	22,790	
Transportation (NAICS 336)	10,062	10,688	11,374	12,117	12,937	13,730	14,887	16,355	18,369	20,214	22,225	23,636	
Computer and electronic (NAICS 334)	8,727	9,723	10,664	11,667	12,690	13,800	15,044	16,658	18,420	20,305	22,413	24,318	
All other for-profit1	18,766 275	19,710 274	20,642 277	21,822 283	23,147 292	24,740 314	26,522 356	28,538 409	30,561 464	32,962 518	35,691 568	38,390 615	
Universities and collegesOther nonprofit institutions serving households	1,182	1,289	1,438	1,636	1,850	2.031	2.246	2.479	2,718	2.954	3,174	3,414	
	78,345	90,566	102,405	114,266	128,421	143,298	157,259	171,681	184,401	195,576	204.547	210.184	
Government Federal government extramural	58,328	68,979	79,037	88,874	100,530	112,364	123,014	134,064	143,591	151,991	158,367	161,342	
Federal government intramural	18,234	19,671	21,296	23.134	25.418	28.215	31.259	34,314	37,159	39.551	41,709	43.922	
State and local governments ²	1,192	1,303	1,428	1,568	1,721	1.887	2,060	2,253	2,434	2,644	2,916	3,193	
Universities and colleges	591	613	645	690	753	832	925	1,049	1,216	1,390	1,555	1,727	
						<u> </u>					·		
	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	
otal R&D net stock	333,932	345,775	359,184	367,516	370,490	375,724	382,393	391,513	403,156	415,343	427,493	440,508	
Private	119,509	126,315	134,806	141,877	146,090	151,263	156,931	164,302	173,263	182,990	192,814	203,232	
Business	115,208	121,748	130,001	136,872	140,916	145,885	151,322	158,418	167,094	176,572	186,153	196,317	
Chemical (NAICS 325)	23,864	24,949	26,198	27,469	28,506	29,621	30,598	31,748	33,061	34,414	35,835	37,971	
Transportation (NAICS 336)(NAICS 334)	24,567	25,619	27,456	28,628	28,733	29,307	30,329	31,912	33,751	35,515	36,815	38,330	
Computer and electronic (NAICS 334)All other for-profit ¹	26,032 40,7 44	27,924	29,990 46,357	31,555 49,220	32,359 51,318	33,394 53,563	34,374 56,021	35,999 58,759	38,308 61,973	40,947 65,696	43,958 69,545	46,312 73,704	
Universities and colleges	664	43,256 702	729	747	756	770	799	846	899	944	988	1,037	
Other nonprofit institutions serving households	3,637	3,865	4,076	4,258	4,418	4,609	4,811	5.037	5,270	5,474	5,672	5,878	
Government	214,423	219,460	224.378	225.639	224,400	224,461	225,462	227,211	229,894	232,353	234,679	237,275	
Federal government extramural	162,798	164,819	166,717	166,014	163,788	163.040	163,412	164,460	166.477	168,391	170.506	172,972	
Federal government intramural	46,233	48,753	51,216	52,724	53,375	53,845	54,101	54.357	54,589	54,742	54,601	54,387	
State and local governments ²	3,482	3,788	4,123	4,376	4,561	4,739	4,914	5,121	5,308	5,448	5,558	5,640	
Universities and colleges	1,909	2,101	2,321	2,525	2,677	2,836	3,035	3,274	3,520	3,773	4,014	4,276	
Total R&D net stock	1983 4 56,555	1984 477,354	1985 503,134	1986 528,223	1987 555, 2 54	1988 582,531	1989 610,54 5	1990 638,878	1991 667,59 5	1992 695,739	1993 720,789	1994 745,483	
	214,886	229,089	244,756	260,001	274,072	289,982	308,528	327,486	349,689	372,282	392,664	412,579	
Private Business Business		229,009	236,844	251,588	265,051	280,170	297,815	315,800	336,929	358,393	377,644	396,482	
Chemical (NAICS 325)	40,210	42,777	45,356	47,863	50,723	54,202	57,966	62,294	67,043	71,951	77,498	82,676	
Transportation (NAICS 336)	39,610	41,534	44,266	47,601	51,065	54,053	56,798	58,325	59,879	62,569	64,851	67,541	
Computer and electronic (NAICS 334)	49,653	53,082	56,148	59,080	60,089	61,149	61,990	62,587	63,085	64,284	65,307	67,612	
All other for-profit ¹	78,212	84,180	91,073	97,044	103,175	110,765	121,060	132,595	146,922	159,589	169,988	178,653	
Universities and colleges	1,081	1,131	1,194	1,272	1,366	1,473	1,596	1,749	1,925	2,086	2,225	2,361	
Other nonprofit institutions serving nouseholds	6,120	6,386	6,717	7,141	7,655	8,338	9,118	9,937	10,835	11,803	12,796	13,736	
Government	241,669	248,265	258,379	268,222	281,182	292,550	302,017	311,393	317,906	323,457	328,125	332,904	
Federal government extramural	176,696 54,676	182,075	190,244	197,568 58,636	208,425 59,887	217,467 61,281	224,183 62,995	230,520 64,862	234,504 66,227	237,466 67,707	239,380 69,400	241,506 70,959	
Federal government intramural	5,720	55,477 5,823	56,855 6,010	6,273	6,586	6,927	7,279	7,666	8,039	8,391	8,702	9,007	
Universities and colleges	4,577	4,890	5,270	5,745	6,283	6,875	7,560	8,344	9,135	9,893	10,643	11,432	
			_ [i	
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2
Total R&D net stock	780,229	827,866	888,508			1,142,240	1,242,180	1,329,909	1,419,742	1,510,698	1,606,254	1,708,899	1,8
Private	440,680	479,373	528,413	585,477	655,880	737,980	816,917	879,915	940,680	1,000,414	1,065,729	1,139,261	1,2
	423,460	460,813	508,227	563,400	631,678	711,447	787,855	848,082	906,111	963,358	1,026,088	1,096,901	1,1
Business	88,603	95,188	103,052 81,194	113,162 84,897	125,693	139,566	155,024	172,704 103,837	194,551	221,680	248,226	276,112	3
Chemical (NAICS 325)				04 89/	91,783	96,960	100,323	169,347	111,320	117,651	124,846	131,842	1 2
Chemical (NAICS 325)Transportation (NAICS 336)	71,388	76,572 81 150	02 609	105 205	116 600	13/1270							
Chemical (NAICS 325) Transportation (NAICS 336) Computer and electronic (NAICS 334)	71,388 72,997	81,159	92,698	105,295	116,600 297,602	134,379 340,541	154,134 378,373		182,161 418,078	191,292 432,735	200,375 452,641	213,157 475,789	
Chemical (NAICS 325). Transportation (NAICS 336)	71,388	76,572 81,159 207,894 2,760	92,698 231,284 2,994	105,295 260,046 3,231	116,600 297,602 3,527	134,379 340,541 3,877	154,134 378,373 4,282	402,194 4,758	418,078 5,283	432,735 5,815	452,641	475,789	
Chemical (NAICS 325) Transportation (NAICS 336) Computer and electronic (NAICS 334)	71,388 72,997 190,472	81,159 207,894	92,698 231,284	105,295 260,046	297,602	340,541	378,373	402,194	418,078	432,735			5
Chemical (NAICS 325). Transportation (NAICS 336). Computer and electronic (NAICS 334) All other for-profit' Universities and colleges. Other nonprofit institutions serving households	71,388 72,997 190,472 2,532	81,159 207,894 2,760	92,698 231,284 2,994	105,295 260,046 3,231	297,602 3,527	340,541 3,877	378,373 4,282	402,194 4,758	418,078 5,283	432,735 5,815	452,641 6,408	475,789 7,078	5
Chemical (NAICS 325). Transportation (NAICS 336) Computer and electronic (NAICS 334) All other for-profit'. Universities and colleges. Other nonprofit institutions serving households Government. Federal government extramural.	71,388 72,997 190,472 2,532 14,688 339,549 245,378	81,159 207,894 2,760 15,801 348,493 250,867	92,698 231,284 2,994 17,191 360,095 257,969	105,295 260,046 3,231 18,846 373,917 266,841	297,602 3,527 20,675 389,228 276,039	340,541 3,877 22,656 404,260 282,983	378,373 4,282 24,779 425,264 293,837	402,194 4,758 27,075 449,994 307,437	418,078 5,283 29,287 4 79,062 324,681	432,735 5,815 31,240 510,285 345,479	452,641 6,408 33,233 540,524 365,479	475,789 7,078 35,283 569,638 385,004	5 4
Chemical (NAICS 325). Transportation (NAICS 336) Computer and electronic (NAICS 334)All other for-profit' Universities and colleges. Other nonprofit institutions serving households Government. Federal government extramural Federal government intramural	71,388 72,997 190,472 2,532 14,688 339,549 245,378 72,514	81,159 207,894 2,760 15,801 348,493 250,867 74,396	92,698 231,284 2,994 17,191 360,095 257,969 76,898	105,295 260,046 3,231 18,846 373,917 266,841 79,571	297,602 3,527 20,675 389,228 276,039 82,969	340,541 3,877 22,656 404,260 282,983 87,967	378,373 4,282 24,779 425,264 293,837 94,617	402,194 4,758 27,075 449,994 307,437 102,055	418,078 5,283 29,287 479,062 324,681 110,259	432,735 5,815 31,240 510,285 345,479 117,282	452,641 6,408 33,233 540,524 365,479 124,196	475,789 7,078 35,283 569,638 385,004 130,305	5 5 4 1
Chemical (NAICS 325). Transportation (NAICS 336) Computer and electronic (NAICS 334) All other for-profit'. Universities and colleges. Other nonprofit institutions serving households Government. Federal government extramural.	71,388 72,997 190,472 2,532 14,688 339,549 245,378	81,159 207,894 2,760 15,801 348,493 250,867	92,698 231,284 2,994 17,191 360,095 257,969	105,295 260,046 3,231 18,846 373,917 266,841	297,602 3,527 20,675 389,228 276,039	340,541 3,877 22,656 404,260 282,983	378,373 4,282 24,779 425,264 293,837	402,194 4,758 27,075 449,994 307,437	418,078 5,283 29,287 4 79,062 324,681	432,735 5,815 31,240 510,285 345,479	452,641 6,408 33,233 540,524 365,479	475,789 7,078 35,283 569,638 385,004	50 59 41

 [&]quot;All other for-profit" represents all for-profit business net stock of R&D excluding the three industries above.
 Excludes universities and colleges.
 Nore. Real net stock is estimated using the aggregate output price index.
 NAICS North American Industry Classification System
 R&D Research and development

Table 2.5. Current-Cost Depreciation of R&D by Type of Funder, 1959–2007

[Millions of dollars]

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	
Total R&D depreciation		8,854	9,824	10,783	11,806	13,048	14,372	15,834	17,531	19,228	20,858	22,714	
•	3.135	3,325	3,543	3,775	4.021	4,325	4,686	5,139	5,721	6,367	7.065	7,907	
Private	3,133	3,226	3,436	3,658	3,891	4,181	4,527	4,961	5,520	6,142	6,816	7,629	
Chemical (NAICS 325)	429	468	511	556	602	657	719	788	865	945	1,032	1,137	
Transportation (NAICS 336)	785	829	876	927	980	1,044	1,125	1,239	1,405	1,593	1,784	1,997	
Computer and electronic (NAICS 334)	612	670	736	801	866	943	1,031	1,143	1,290	1,454	1,633	1,850	
All other for-profit	1,216	1,259	1,313	1,373	1,442	1,537	1,652	1,790	1,960	2,150	2,367	2,645	
Universities and colleges	18	18	18	18	18	19	22	25	29	33	37	42	
Other nonprofit institutions serving households	74	81	89	99	112	125	138	154 :	172	192	211	235	
Government	4,776	5,529	6,281	7,008	7,784	8,722	9,685	10,695	11,810	12,861	13,793	14,807	
Federal government extramural	3,500	4,167	4,817	5,431	6,075	6,834	7,585	8,359	9,209	10,005	10,699	11,415	
Federal government intramural	1,161	1,241	1,333	1,437	1,557	1,722	1,917	2,132	2,371	2,596	2,801	3,057	
State and local governments ²	75 39	82	89	97	105	116	127	140	155 75	172	192	218	
Universities and colleges	39	39	41	43	46	51	57	64	/5	88	102	117	
	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	
Total R&D depreciation	24,485	25,81 5	27,375	31,936	37,156	39,617	42,554	46,377	51,817	59,708	68,884	76,090	
Private	8.737	9,412	10.226	12.264	14.614	15.898	17.416	19.381	22,169	26,186	30.954	34.980	
Business	8,428	9,077	9,864	11,836	14,104	15,341	16,802	18,696	21,388	25,273	29,892	33,797	
Chemical (NAICS 325)	1,242	1,325	1,419	1,684	2,013	2,205	2,415	2,669	3,017	3,513	4,095	4,615	
Transportation (NAICS 336)	2,181	2,314	2,501	2,990	3,505	3,741	4,064	4,528	5,195	6,127	7,165	7,984	
Computer and electronic (NAICS 334)	2,071	2,262	2,482	2,983	3,550	3,853	4,199	4,654	5,345	6,374	7,647	8,720	
All other for-profit	2,935	3,176	3,462	4,178	5,036	5,542	6,123	6,845	7,831	9,259	10,984	12,478	
Universities and colleges	47 262	52 284	55 307	65 364	75 435	81 477	88	98	113 669	134 779	157 905	176	
Other nonprofit institutions serving households) 1				1		526	587				1,006	
Government	15,748	16,403	17,149	19,671	22,543	23,718	25,139	26,996	29,647	33,523	37,930	41,110	
Federal government extramural	12,022 3,344	12,386	12,810 3,863	14,544 4,543	16,520	17,270 : 5,666	18,240 6,031	19,553 6,468	21,464 7,066	24,285 7,929	27,524 8,880	2 9 ,919 9,494	
Federal government intramural State and local governments ²	248	3,591 275	3,003	372	5,315 448	491	539	598	676	7,929	894	9,494	
Universities and colleges	135	152	171	212	261	291	328	376	441	529	632	722	
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	
Total R&D depreciation	81,821	88,931	96,014	103,306	109,691	117,118	124,287	129,911	137,327	142,105	147,105	151,439	
Private	38,404	42,556	46,698	50,886	54,419	58,407	62,665	66,382	71,340	75,330	79,437	83,092	
Business	37,124	41,163	45,196	49,261	52,665	56,480	60,538	64,062	68,777	72,556	76,434	79,874	
Chemical (NAICS 325)	5,087	5,639	6,158	6,661	7,119	7,707	8,345	8,940	9,735	10,388	11,141	11,888	
Transportation (NAICS 336)	8,618	9,369	10,187	11,154	12,108	13,121	14,014	14,543	15,119	15,550	16,141	16,697	
Computer and electronic (NAICS 334)	9,648 13,771	10,784 15,371	11,791 17,059	12,720 18,726	13,295 20,143	13,759 21,893	14,153 24,027	14,308 26,270	14,614 29,309	14,706 31,912	14,925 34,227	15,241 36,048	
Universities and colleges	192	209	226	245	265	21,093	318	346	385	418	448	474	
Other nonprofit institutions serving households	1,088	1,184	1,275	1,380	1,489	1,637	1,809	1,973	2,178	2,357	2,555	2,743	
Government	43,417	46,375	49.317	52.419	55,272	58,711	61,621	63,529	65,987	66,774	67,668	68,347	
Federal government extramural	31.698	33,960	36.242	38,604	40.844	43,582	45,773	47,092	48.761	49.138	49.521	49.721	
Federal government intramural	9,887	10.427	10.934	11,496	11,924	12.399	12,880	13,242	13,746	13,944	14,239	14,512	
Federal government intramural State and local governments ²	1,030	1,093	1,152	1,223	1,294	1,383	1,472	1,548	1,647	1,711	1,775	1,831	
Universities and colleges	803	896	989	1,096	1,210	1,347	1,496	1,647	1,833	1,981	2,133	2,282	
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Г
Total R&D depreciation	153,358	153,861	157,006	161,053	169,079	181,736	192,512	205,233	217,732	231,881	249,757	267,905	H
Private	85,656	87,926	92,100	96,961	104,567	115,627	125,304	135,057	143,679	152,883	164,556	176,915	1
Business	82,302	84,497	88,551	93,273	100,655	111,400	120,800	130,175	138,386	147,164	158,338	170,194	
Chemical (NAICS 325)	12,378	12,643	13,034	13,546	14,494	15,864	17,133	18,862	21,013	23,857	27.349	30,848	l
Chemical (NAICS 325) Transportation (NAICS 336)	17,061	17,295	17,627	17,681	18,218	19,181	19,497	19,967	20,919	22,301	23,983	25,662	1
Computer and electronic (NAICS 334)	15,699	16,383	17,661	19,164	20,802	23,189	25,923	28,763	31,072	33,070	35,218	37,588	İ
All other for-profit!	37,163	38,176	40,228	42,882	47,141	53,166	58,247	62,584	65,382	67,936	71,787	76,095	
	493	507	527	543	571	617	661	725	800	886	991	1,105	
Universities and colleges		2 022	3,022	3,145	3,341	3,610	3,843	4,158	4,492	4,833	5,228	5,616	1
Universities and colleges	2,862	2,922											1
Government	67,702	65,936	64,906	64,092	64,512	66,109	67,208	70,176	74,053	78,998	85,201	90,990	
Government	67,702 49,019	65,936 47,556	64,906 46,609	64,092 45,838	64,512 45,892	66,109 46,574	46,734	70,176 48,209	74,053 50,385	78,998 53,511	85,201 57,645	90,990 61,510	
Government Federal government extramural Federal government intramural	67,702 49,019 14,445	65,936 47,556 14,078	64,906 46,609 13,858	64,092 45,838 13,652	64,512 45,892 13,740	66,109 46,574 14,241	46,734 14,793	70,176 48,209 15,769	74,053 50,385 16,923	78,998 53,511 18,169	85,201 57,645 19,579	90,990 61,510 20,859	
Government Federal government extramural	67,702 49,019	65,936 47,556	64,906 46,609	64,092 45,838	64,512 45,892	66,109 46,574	46,734	70,176 48,209	74,053 50,385	78,998 53,511	85,201 57,645	90,990 61,510	

 [&]quot;All other for-profit" represents all for-profit business depreciation of R&D excluding the three industries above.
 Excludes universities and colleges.
 NAICS North American Industry Classification System
 R&D Research and development

Table 2.6. Real Depreciation of R&D by Type of Funder, 1959–2007

[Millions of chained (2005) dollars]

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	
Total R&D depreciation	19,460	21,931	24,473	27,031	29,843	32,957	36,160	39,486	42,858	46,062	49,060	51,583	
Private	7,711	8,236	8,826	9,463	10,165	10,925	11,791	12,815	13,986	15,253	16,618	17,956	
Business	7,483	7,991	8,560	9,169	9,836	10,562	11,389	12,370	13,494	14,713	16,033	17,326	
Chemical (NAICS 325)Transportation (NAICS 336)	1,055	1,160	1,274	1,395	1,522	1,659	1,809	1,965	2,114	2,265	2,428	2,582	
Computer and electronic (NAICS 334)	1,931 1,507	2,052 1,659	2,182 1,833	2,323 2.008	2,478 2,190	2,637 2,382	2,830 2,594	3,090 2,851	3,434 3,154	3,816 3,482	4,197 3,841	4,536 4,202	
All other for-profit ¹	2,991	3,120	3,272	3,443	3.646	3,883	4,156	4,464	4,792	5,150	5,566	6,007	
Universities and colleges	45	45	45	45	47	49	54	62	71	80	88	96	
Other nonprofit institutions serving households	183	200	221	249	283	315	347	383	421	460	497	534	
Government	11,748	13,695	15,646	17,568	19,677	22,031	24,369	26,671	28,872	30,809	32,442	33,627	
Federal government extramural	8,611	10,322	12,001	13,614	15,357	17,262	19,085	20,844	22,513	23,966	25,164	25,922	
Federal government intramural	2,856	3,073	3,322	3,602	3,937	4,349	4,822	5,317	5,795	6,220	6,589	6,943	
State and local governments ²	186 95	202 98	221	243	267	293	320	350	380	412	451	495	
Universities and colleges	95	98	102	108	117	129	143	160	184	211	239	266	
	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	
Total R&D depreciation	53,529	55,366	57,446	59,237	60,145	60,789	61,753	63,054	64,777	66,756	68,770	70,827	
Private	19,102	20,186	21,459	22,749	23,655	24,395	25,273	26,350	27,714	29,276	30,903	32,560	
Business	18,426	19,467	20,699	21,954	22,830	23,539	24,382	25,419	26,737	28,256	29,842	31,459	
Chemical (NAICS 325) Transportation (NAICS 336)	2,715 4,767	2,841 4,963	2,977 5,249	3,124 5,547	3,258	3,383 5,740	3,505	3,629 6,156	3,772 6,494	3,927	4,089 7,154	4,296 7,432	
Computer and electronic (NAICS 334)	4,767	4,963	5,249	5,534	5,673 5,747	5,740	5,898 6.094	6,328	6,494	6,850 7,127	7,154	7,432 8,117	
All other for-profit	6,416	6,811	7,266	7,749	8.152	8,504	8,885	9.306	9,789	10,352	10,965	11.615	
Universities and colleges	104	111	116	120	122	124	127	133	142	149	157	164	
Other nonprofit institutions serving households	572	608	644	676	703	732	764	798	836	871	904	937	
Government	34,428	35,180	35,987	36,488	36,490	36,394	36,480	36,703	37,063	37,479	37.867	38.267	
Federal government extramural	26,282	26,564	26,881	26,978	26,741	26,500	26,469	26,584	26,833	27,151	27,478	27,850	
Federal government intramural	7,310	7,702	8,106	8,428	8,603	8,694	8,752	8,794	8,833	8,865	8,866	8,837	
State and local governments ²	541 295	590 325	6 4 1 359	689 393	725 422	754 447	783 476	814 512	846 551	872 591	892 631	908	
Universities and colleges	293	. 323	309	393	422	441	4/0	512	331	391	631	672	
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	
Total R&D depreciation	73,183	76,178	79,977	84,146	88,405	92,797	97,233	101,705	106,188	110,668	114,850	118,756	
Private	34,350	36,453	38,898	41,449	43,859	46,278	49,025	51,970	55,164	58,666	62,019	65,159	
Business	33,205 4,550	35,260 4,830	37,647 5,129	40,125 5,425	42,445 5,738	44,751 6,107	47,361 6,528	50,153 6,999	53,182 7,528	56,505 8,090	59,675	62,636 9,322	
Transportation (NAICS 336)	7,708	8,025	8,486	9,086	9,758	10.396	10,963	11,386	11,691	12,110	8,698 12,602	13,094	
Computer and electronic (NAICS 334)	8,629		0,700					11,202			12,002	10,034	
All other for-profit1	40.047	9.238	9.822	10.361 L	10.715	10.901	11 0721			11 453	11 653	11 952	
	12,317	9,238 13,167	9,822 14,210	10,361 15,253	10,715 16,234	10,901 17,346	11,072 18,797	20,567	11,300 22,663	11,453 24,852	11,6 5 3 26,722	11,952 28,268	
Universities and colleges	172	13,167 ¹ 179	14,210 189	15,253 200	16,234 214	17,346 230	18,797 249	20,567 271	22,663 298	24,852 325	26,722 350	28,268 372	
Universities and colleges Other nonprofit institutions serving households	172 973	13,167 179 1,014	14,210 189 1,062	15,253 200 1,124	16,234 214 1,200	17,346 230 1,297	18,797 249 1,415	20,567 271 1,54 5	22,663 298 1,684	24,852 325 1,836	26,722 350 1,994	28,268 372 2,151	
Universities and colleges Other nonprofit institutions serving households Government	172 973 38,833	13,167 179 1,014 39,724	14,210 189 1,062 41,079	15,253 200 1,124 42,697	16,234 214 1,200 44,546	17,346 230 1,297 46,519	18,797 249 1,415 48,208	20,567 271 1,54 5 49,736	22,663 298 1,684 51,024	24,852 325 1,836 52,002	26,722 350 1,994 52,831	28,268 372 2,151 53,597	
Universities and colleges. Other nonprofit institutions serving households Government Federal government extramural	973 38,833 28,351	13,167 179 1,014 39,724 29,090	14,210 189 1,062 41,079 30,188	15,253 200 1,124 42,697 31,444	16,234 214 1,200 44,546 32,918	17,346 230 1,297 46,519 34,532	18,797 249 1,415 48,208 35,809	20,567 271 1,54 5 49,736 36,868	22,663 298 1,684 51,024 37,705	24,852 325 1,836 52,002 38,268	26,722 350 1,994 52,831 38,663	28,268 372 2,151 53,597 38,991	
Universities and colleges. Other nonprofit institutions serving households Government. Federal government extramural. Federal government intramural	172 973 38,833 28,351 8,843	13,167 179 1,014 39,724 29,090 8,931	14,210 189 1,062 41,079 30,188 9,108	15,253 200 1,124 42,697 31,444 9,364	16,234 214 1,200 44,546 32,918 9,610	17,346 230 1,297 46,519 34,532 9,824	18,797 249 1,415 48,208 35,809 10,076	20,567 271 1,54 5 49,736 36,868 10,367	22,663 298 1,684 51,024 37,705 10,629	24,852 325 1,836 52,002 38,268 10,860	26,722 350 1,994 52,831 38,663 11,117	28,268 372 2,151 53,597 38,991 11,380	
Universities and colleges Other nonprofit institutions serving households Government Federal government extramural	973 38,833 28,351	13,167 179 1,014 39,724 29,090	14,210 189 1,062 41,079 30,188	15,253 200 1,124 42,697 31,444	16,234 214 1,200 44,546 32,918	17,346 230 1,297 46,519 34,532	18,797 249 1,415 48,208 35,809	20,567 271 1,54 5 49,736 36,868	22,663 298 1,684 51,024 37,705	24,852 325 1,836 52,002 38,268	26,722 350 1,994 52,831 38,663	28,268 372 2,151 53,597 38,991	
Universities and colleges Other nonprofit institutions serving households Government Federal government extramural Federal government intramural State and local governments'	172 973 38,833 28,351 8,843 921 718	13,167 179 1,014 39,724 29,090 8,931 936 768	14,210 189 1,062 41,079 30,188 9,108 959 824	15,253 200 1,124 42,697 31,444 9,364 996 893	16,234 214 1,200 44,546 32,918 9,610 1,043 975	17,346 230 1,297 46,519 34,532 9,824 1,096 1,067	18,797 249 1,415 48,208 35,809 10,076 1,152 1,170	20,567 271 1,545 49,736 36,868 10,367 1,212 1,290	22,663 298 1,684 51,024 37,705 10,629 1,273 1,417	24,852 325 1,836 52,002 38,268 10,860 1,332 1,543	26,722 350 1,994 52,831 38,663 11,117 1,386 1,665	28,268 372 2,151 53,597 38,991 11,380 1,436 1,790	2007
Universities and colleges Other nonprofit institutions serving households Government. Federal government extramural Federal government intramural State and local governments? Universities and colleges	172 973 38,833 28,351 8,843 921 718	13,167 179 1,014 39,724 29,090 8,931 936 768	14,210 189 1,062 41,079 30,188 9,108 959 824	15,253 200 1,124 42,697 31,444 9,364 996 893	16,234 214 1,200 44,546 32,918 9,610 1,043 975	17,346 230 1,297 46,519 34,532 9,824 1,096 1,067	18,797 249 1,415 48,208 35,809 10,076 1,152 1,170	20,567 271 1,545 49,736 36,868 10,367 1,212 1,290	22,663 298 1,684 51,024 37,705 10,629 1,273 1,417	24,852 325 1,836 52,002 38,268 10,860 1,332 1,543	26,722 350 1,994 52,831 38,663 11,117 1,386 1,665	28,268 372 2,151 53,597 38,991 11,380 1,436 1,790	2007
Universities and colleges Other nonprofit institutions serving households Government Federal government extramural Federal government intramural State and local governments? Universities and colleges Total R&D depreciation	172 973 38,833 28,351 8,843 921 718 1995 123,506	13,167 179 1,014 39,724 29,090 8,931 936 768	14,210 189 1,062 41,079 30,188 9,108 959 824 1997	15,253 200 1,124 42,697 31,444 9,364 996 893	16,234 214 1,200 44,546 32,918 9,610 1,043 975 1999	17,346 230 1,297 46,519 34,532 9,824 1,096 1,067	18,797 249 1,415 48,208 35,809 10,076 1,152 1,170 2001 192,656	20,567 271 1,545 49,736 36,868 10,367 1,212 1,290 2002 207,546	22,663 298 1,684 51,024 37,705 10,629 1,273 1,417 2003 221,482	24,852 325 1,836 52,002 38,268 10,860 1,332 1,543 2004 235,460	26,722 350 1,994 52,831 38,663 11,117 1,386 1,665	28,268 372 2,151 53,597 38,991 11,380 1,436 1,790 2006	281,85
Universities and colleges. Other nonprofit institutions serving households Government. Federal government extramural. Federal government intramural. State and local governments? Universities and colleges. Total R&D depreciation Private	172 973 38,833 28,351 8,843 921 718 1995 123,506 68,983	13,167 179 1,014 39,724 29,090 8,931 936 768 1996	14,210 189 1,062 41,079 30,188 9,108 959 824 1997 138,977 81,524	15,253 200 1,124 42,697 31,444 9,364 996 893 1998 149,470 89,988	16,234 214 1,200 44,546 32,918 9,610 1,043 975 1999 162,171 100,295	17,346 230 1,297 46,519 34,532 9,824 1,096 1,067 2000 176,865 112,528	18,797 249 1,415 48,208 35,809 10,076 1,152 1,170 2001 192,656 125,398	20,567 271 1,545 49,736 36,868 10,367 1,212 1,290 2002 207,546 136,579	22,663 298 1,684 51,024 37,705 10,629 1,273 1,417 2003 221,482 146,153	24,852 325 1,836 52,002 38,268 10,860 1,332 1,543 2004 235,460 155,243	26,722 350 1,994 52,831 38,663 11,117 1,386 1,665 2005 249,757 164,556	28,268 372 2,151 53,597 38,991 11,380 1,436 1,790 2006 265,028 175,015	281,85 187,10
Universities and colleges Other nonprofit institutions serving households Government. Federal government extramural Federal government intramural. State and local governments? Universities and colleges Total R&D depreciation. Private Business.	172 973 38,833 28,351 8,843 921 718 1995 123,506 68,983 66,281	13,167 179 1,014 39,724 29,090 8,931 936 768	14,210 189 1,062 41,079 30,188 9,108 959 824 1997 138,977 81,524 78,383	15,253 200 1,124 42,697 31,444 9,364 996 893 1998 149,470 89,988 86,565	16,234 214 1,200 44,546 32,918 9,610 1,043 975 1999 162,171 100,295 96,543	17,346 230 1,297 46,519 34,532 9,824 1,096 1,067 2000 176,865 112,528 108,414	18,797 249 1,415 48,208 35,809 10,076 1,152 1,170 2001 192,656 125,398 120,890	20,567 271 1,545 49,736 36,868 10,367 1,212 1,290 2002 207,546 136,579 131,642	22,663 298 1,684 37,705 10,629 1,273 1,417 2003 221,482 146,153 140,769	24,852 325 1,836 52,002 38,268 10,860 1,332 1,543 2004 235,460 155,243 149,436	26,722 350 1,994 52,831 38,663 11,117 1,386 1,665 2005 249,757 164,556 158,338	28,268 372 2,151 53,597 38,991 11,380 1,436 1,790 2006 265,028 175,015 168,366	281,85 187,10 179,98
Universities and colleges Other nonprofit institutions serving households Government. Federal government extramural. Federal government intramural. State and local governments ² . Universities and colleges Total R&D depreciation Private Business. Chemical (NAICS 325) Transportation (NAICS 336).	172 973 38,833 28,351 8,843 921 718 1995 123,506 68,983 66,281 9,969 13,740	13,167 179 1,014 39,724 29,090 8,931 936 768 1996 130,180 74,393 71,492 10,697 14,633	14,210 189 1,062 41,079 30,188 9,108 959 824 1997 138,977 81,524 78,383 11,538 15,603	15,253 200 1,124 42,697 31,444 9,364 998 893 149,470 89,988 86,565 12,571 16,409	16,234 214 1,200 44,546 32,918 9,610 1,043 975 1999 162,171 100,295 96,543 13,902 17,474	17,346 230 1,297 46,519 34,532 9,824 1,096 1,067 2000 176,865 112,528	18,797 249 1,415 48,208 35,809 10,076 1,152 1,170 2001 192,656 125,398 120,890 17,145	20,567 271 1,545 49,736 36,868 10,367 1,212 1,290 2002 207,546 136,579 131,642 19,074	22.663 298 1.684 51,024 37,705 10,629 1,273 1,417 2003 221,482 146,153 140,769 21,375	24,852 325 1,836 52,002 38,268 10,860 1,332 1,543 2004 235,460 155,243	26,722 350 1,994 52,831 38,663 11,117 1,386 1,665 2005 249,757 164,556	28,268 372 2,151 53,597 38,991 11,380 1,436 1,790 2006 265,028 175,015	281,85 187,10 179,98 34,56
Universities and colleges Other nonprofit institutions serving households Government. Federal government extramural Federal government intramural. State and local governments? Universities and colleges Total R&D depreciation. Private Business Chemical (NAICS 325) Transportation (NAICS 336) Computer and electronic (NAICS 334)	172 973 38,833 28,351 8,843 921 718 1995 123,506 68,983 66,281 9,969 13,740 12,643	13,167 179 1,014 39,724 29,090 8,931 936 768 1996 130,180 74,393 71,492 10,697 14,633 13,861	14,210 189 1,062 41,079 30,188 9,108 9,108 824 1997 138,977 81,524 78,383 11,538 15,633 15,633	15,253 200 1,124 42,697 31,444 9,364 893 149,470 89,988 89,585 12,571 16,409 17,786	16,234 214 1,200 44,546 32,918 9,610 1,043 975 1999 162,171 100,295 96,543 13,902 17,474 19,952	17,346 230 1,297 46,519 34,532 9,824 1,096 1,067 2000 176,865 112,528 108,414 15,438 18,667 22,568	18,797 249 1,415 48,208 35,809 10,076 1,152 1,170 2001 192,656 125,398 120,890 17,145 19,512 25,943	20,567 271 1,545 49,736 36,868 10,367 1,212 1,290 2002 207,546 136,572 19,074 20,192 29,087	22,663 298 1,684 51,024 37,705 10,629 1,273 1,417 2003 221,482 146,153 140,769 21,375 21,279 31,607	24,852 325 1,836 52,002 38,268 10,860 1,332 1,543 2004 235,460 155,243 149,436 24,225 22,646 33,580	26,722 350 1,994 52,831 38,663 11,117 1,386 1,665 2005 249,757 164,556 158,338 27,349 23,983 35,218	28,268 372 2,151 53,597 38,991 11,380 1,790 2006 265,028 175,015 168,366 30,517 25,387 37,184	281,85 187,10 179,98 34,56 26,75 39,36
Universities and colleges. Other nonprofit institutions serving households Government. Federal government extramural. Federal government intramural. State and local governments* Universities and colleges. Total R&D depreciation Private Business. Chemical (NAICS 325) Transportation (NAICS 336) Computer and electronic (NAICS 334) All other for-profit	172 38,833 28,351 8,843 921 718 1995 123,506 68,983 66,281 12,643 29,969 13,740 12,643 29,929	13,167 179 1,014 39,724 29,090 8,931 936 768 1996 130,180 74,393 71,492 14,633 13,861 32,300	14,210 189 1,062 41,079 30,188 9,108 959 824 1997 138,977 81,524 78,383 11,538 15,603 15,603 35,609	15,253 2,253 1,124 42,697 31,444 9,364 996 893 149,470 89,988 86,555 15,65 16,409 17,786 39,798	16,234 214 1,200 44,546 32,918 9,610 1,043 975 1999 162,171 100,295 96,543 13,902 17,474 19,952 45,215	17,346 230 1,297 46,519 34,532 9,824 1,096 1,067 2000 176,865 112,528 108,414 15,438 18,667 22,568 51,741	18,797 249 1,415 48,208 35,809 10,076 1,152 1,170 2001 192,656 125,398 120,890 17,512 25,943 58,294	20,567 1,545 49,736 36,868 10,367 1,212 1,290 2002 207,546 136,579 131,642 19,074 20,192 29,087 63,289	22,663 298 1,684 51,024 37,705 10,629 1,273 1,417 2003 221,482 146,153 140,769 21,375 21,279 31,607 66,509	24,852 325 1,836 52,002 38,268 1,332 1,543 2004 235,460 155,243 149,436 22,646 33,580 68,985	26,722 350 1,994 52,831 38,663 11,117 1,386 1,665 2005 249,757 164,556 158,338 27,349 23,983 35,218 71,787	28,268 37,21,51 53,597 38,991 11,380 1,436 1,790 2006 265,028 175,015 168,366 175,015 168,367 77,184 75,278	281,85 187,10 179,98 34,56 26,75 39,36 79,29
Universities and colleges Other nonprofit institutions serving households Government Federal government extramural Federal government intramural State and local governments? Universities and colleges Total R&D depreciation Private Business Chemical (NAICS 325) Transportation (NAICS 336). Computer and electronic (NAICS 334) All other for-profit! Universities and colleges	172 973 38,833 28,351 8,843 921 9718 1995 123,506 68,983 66,281 9,969 13,740 12,643 29,929 397	13,167 179 1,014 39,724 29,090 8,931 936 768 130,180 74,393 71,492 10,697 14,633 13,861 32,300 429	14,210 189 1,062 41,079 30,188 9,108 959 824 1997 138,977 81,524 78,383 11,538 15,603 35,603 467	15,253 200 1,124 42,697 31,444 9,364 893 149,470 89,988 86,565 12,571 16,409 17,786 39,798 504	16,234 214 1,200 44,546 32,918 9,610 1,043 975 1999 162,171 100,295 96,543 13,902 17,474 19,952 45,215 548	17,346 230 1,297 46,519 34,532 9,824 1,096 1,067 2000 176,865 112,528 108,414 15,438 18,667 22,568 51,741 600	18,797 249 1,415 48,208 35,809 10,076 1,152 1,170 2001 192,656 125,398 120,890 17,145 19,512 25,943 58,290 662	20,567 271 1,545 49,736 36,868 10,367 1,212 1,290 2002 207,546 136,579 131,642 19,074 20,192 29,087 63,289 63,289	22,663 2984 1,684 51,024 37,705 10,629 1,273 1,417 2003 221,482 146,153 140,769 21,375 21,279 31,607 66,509 814	24,852 325 1,836 52,002 38,268 10,860 1,332 1,543 2004 235,460 155,243 149,436 24,225 22,626 33,580 68,985 900	26,722 350 1,994 52,831 38,663 11,117 1,386 1,665 2005 249,757 164,556 158,338 27,349 35,218 71,787 991	28,268 372 2,151 53,597 38,991 11,380 1,436 1,790 2006 265,028 175,015 168,366 30,517 25,387 37,184 75,278	281,85 187,10 179,98 34,56 26,75 39,36 79,29 1,20
Universities and colleges Other nonprofit institutions serving households Government Federal government extramural Federal government intramural State and local governments? Universities and colleges Total R&D depreciation Private Business Chemical (NAICS 325) Transportation (NAICS 336) Computer and electronic (NAICS 334) All other for-profit 'Universities and colleges Other nonprofit institutions serving households	172 973 38,833 28,351 8,843 921 718 1995 123,506 68,983 66,281 9,969 13,740 12,643 29,929 397 2,305	13,167 179 1,014 39,724 29,090 8,931 768 1996 130,180 74,393 71,492 10,697 14,633 13,861 32,300 44,72 24,72	14,210 1899 1,062 41,079 30,188 9,108 959 824 1997 138,977 81,524 78,583 15,603 35,609 467 2,675	15,253 200 1,124 42,697 31,444 996 893 1998 149,470 89,988 86,565 12,571 16,409 17,786 39,798 504 2,919	16,234 214 1,200 44,546 32,918 9,610 1,043 975 1999 162,171 100,295 96,543 13,902 17,474 19,952 45,215 548 3,204	17,346 230 1,297 46,519 34,532 9,824 1,096 1,067 2000 176,865 112,528 108,414 15,438 18,667 22,568 51,741 600 3,513	18.797 24.9 1,415 48.208 35.809 10,076 1,152 1,170 2001 192,656 125,988 120,890 17,145 19,512 25,943 58,290 62,3846	20,567 1,545 49,736 36,868 10,367 1,212 1,290 2002 207,546 136,79 131,642 19,074 20,192 29,087 63,289 733 4,204	22,663 298 1,684 51,024 37,705 10,629 1,273 1,417 2003 221,482 146,153 140,769 21,375 21,279 31,607 66,509 814 4,570	24,852 325 1,836 52,002 38,268 10,860 1,332 1,543 2004 235,460 155,243 149,433 149,433 149,433 68,985 900 4,908	26,722 350 1,994 52,831 38,663 11,117 1,386 1,665 2005 249,757 164,56 158,336 27,349 23,983 35,218 71,787 991 5,228	28,268 2,151 53,597 38,991 111,380 1,436 1,790 2006 265,028 175,015 168,366 30,517 25,387 37,184 75,278 1,093 5,555	281,85 187,10 179,98 34,56 26,75 39,36 79,29 1,20 5,91
Universities and colleges. Other nonprofit institutions serving households Government. Federal government extramural. Federal government intramural. State and local governments ² Universities and colleges. Total R&D depreciation. Private Business. Chemical (NAICS 325). Transportation (NAICS 336). Computer and electronic (NAICS 334) All other for-profit difference (NAICS 334) Universities and colleges. Other nonprofit institutions serving households Government.	172 973 38,833 28,351 8,843 921 718 1995 123,506 68,983 66,281 9,269 13,740 12,643 29,929 397 2,305 54,523	13,167 179 1,014 39,724 29,090 8,931 768 1996 130,180 74,393 71,492 10,697 14,633 13,861 32,300 429 2,472 55,767	14,210 189 1,062 41,079 30,188 9,109 959 824 1997 138,977 81,524 78,383 15,603 15,633 35,609 467 2,675 57,453	15,253 200 1,124 42,697 31,444 9,364 996 893 149,470 89,988 86,565 12,571 16,409 17,786 39,798 504 2,919 59,482	16,234 214 1,200 44,546 32,918 9,010 1,043 975 1999 162,171 100,295 96,543 13,952 17,474 19,952 45,215 548 3,204 61,877	17,346 230 1,297 46,519 34,532 9,824 1,096 1,067 2000 176,865 112,528 108,414 15,438 18,667 22,568 51,741 600 3,513 64,337	18,797 249 1,415 48,208 35,809 10,076 1,152 1,170 2001 192,656 125,398 120,890 17,145 19,512 25,943 662 3,846 67,259	20,567 1,545 49,736 36,868 10,367 1,212 1,290 2002 207,546 136,579 131,642 19,074 20,192 29,087 733 4,204 70,967	22,663 298 1,684 51,024 37,705 10,629 1,273 1,417 2003 221,482 146,153 140,769 21,279 31,607 66,509 814 4,570 75,329	24,852 325 1,836 52,002 38,268 1,332 1,543 2004 235,460 155,243 149,436 24,225 22,646 33,580 900 4,908 80,217	26,722 350 1,994 52,831 38,663 11,117 1,386 1,665 2005 249,757 164,556 158,338 23,983 35,218 71,787 991 5,228 85,201	28,268 32,2151 53,597 38,991 11,380 1,436 1,790 2006 265,028 175,015 168,366 30,517 25,387 37,184 75,278 1,093 5,095 90,013	281,85 187,10 179,98 34,56 26,75 39,36 79,29 1,20 5,91 94,75
Universities and colleges. Other nonprofit institutions serving households Government. Federal government extramural. Federal government intramural. State and local governments* Universities and colleges. Total R&D depreciation Private Business. Chemical (NAICS 325) Transportation (NAICS 336). Computer and electronic (NAICS 334). All other for-profit* Universities and colleges. Other nonprofit institutions serving households Government. Federal government extramural.	172 973 38,833 28,351 8,843 921 718 1995 123,506 68,983 66,281 9,969 13,740 12,643 29,929 2,305 54,523 39,477	13,167 179 1,014 39,724 29,090 8,931 936 768 130,180 74,393 71,492 10,693 13,861 32,300 2,472 55,783	14,210 189 1,062 41,079 30,188 9,108 959 824 1997 138,977 81,524 78,383 11,583 35,603 15,633 35,603 467 2,675 57,453 41,257	15,253 200 1,124 42,697 31,444 9,36 893 1998 149,470 89,988 86,565 12,571 16,409 17,786 39,798 29,199 59,482 42,541	16,234 214 1,200 44,546 32,918 9,610 1,043 975 162,171 100,295 96,543 13,902 17,474 19,952 45,215 548 3,204 61,877 44,017	17,346 230 1,297 46,519 34,532 9,824 1,096 1,067 2000 176,865 112,528 108,414 15,438 18,667 22,568 51,741 600 3,513 64,37 45,326	18,797 249 1,415 48,208 35,809 10,076 1,152 1,170 2001 192,656 125,398 120,890 17,145 19,512 25,943 58,290 662 3,846 67,259 46,769	20,567 271 1,545 49,736 36,868 10,367 1,212 1,290 2002 207,546 136,579 131,642 19,074 20,192 29,087 63,289 733 4,204 70,967 48,752	22,663 2984 1,684 51,024 37,705 10,629 1,273 1,417 2003 221,482 146,153 140,769 21,375 21,279 31,607 66,509 44,570 75,329 51,253	24,852 325 1,836 52,002 38,268 10,860 1,332 1,543 2004 235,460 155,243 149,436 24,225 22,646 33,580 68,985 22,646 80,987 80,217 54,337	26,722 350 1,994 52,831 38,663 11,117 1,386 1,665 2005 249,757 164,556 158,338 27,349 23,983 35,218 71,787 991 5,228 85,201 57,645	28,268 372 2,151 53,597 38,991 11,380 1,436 1,790 2006 265,028 175,015 168,366 30,517 25,387 37,184 75,278 90,013 60,850	281,85 187,10 179,98 34,56 26,75 39,36 79,29 1,20 5,91 94,75 64,02
Universities and colleges. Other nonprofit institutions serving households Government. Federal government extramural. Federal government intramural. State and local governments ² Universities and colleges. Total R&D depreciation. Private. Business. Chemical (NAICS 325). Transportation (NAICS 336). Computer and electronic (NAICS 334) All other for-profit difference in the control of the colleges. Other nonprofit institutions serving households Government.	172 973 38,833 28,351 8,843 921 718 1995 123,506 68,983 66,281 9,269 13,740 12,643 29,929 397 2,305 54,523	13,167 179 1,014 39,724 29,090 8,931 768 1996 130,180 74,393 71,492 10,697 14,633 13,861 32,300 429 2,472 55,767	14,210 189 1,062 41,079 30,188 9,109 959 824 1997 138,977 81,524 78,383 15,603 15,633 35,609 467 2,675 57,453	15,253 200 1,124 42,697 31,444 9,364 996 893 149,470 89,988 86,565 12,571 16,409 17,786 39,798 504 2,919 59,482	16,234 214 1,200 44,546 32,918 9,010 1,043 975 1999 162,171 100,295 96,543 13,952 17,474 19,952 45,215 548 3,204 61,877	17,346 230 1,297 46,519 34,532 9,824 1,096 1,067 2000 176,865 112,528 108,414 15,438 18,667 22,568 51,741 600 3,513 64,337	18,797 249 1,415 48,208 35,809 10,076 1,152 1,170 2001 192,656 125,398 120,890 17,145 19,512 25,943 662 3,846 67,259	20,567 1,545 49,736 36,868 10,367 1,212 1,290 2002 207,546 136,579 131,642 19,074 20,192 29,087 733 4,204 70,967	22,663 298 1,684 51,024 37,705 10,629 1,273 1,417 2003 221,482 146,153 140,769 21,279 31,607 66,509 814 4,570 75,329	24,852 325 1,836 52,002 38,268 1,332 1,543 2004 235,460 155,243 149,436 24,225 22,646 33,580 900 4,908 80,217	26,722 350 1,994 52,831 38,663 11,117 1,386 1,665 2005 249,757 164,556 158,338 23,983 35,218 71,787 991 5,228 85,201	28,268 32,2151 53,597 38,991 11,380 1,436 1,790 2006 265,028 175,015 168,366 30,517 25,387 37,184 75,278 1,093 5,095 90,013	2007 281,85' 187,10' 179,98 34,56' 39,36' 79,29' 1,20' 5,91! 94,75' 64,02' 21,60' 3,22'

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

Table 3.1. Domestic R&D Output by Performer, 1959-2007

[Millions of dollars]

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	
Total R&D performance	13,955	15,307	16,137	17,252	19,270	20,980	22,326	24,457	25,898	27,366	28,551	28,775	
Private	11,806	12,927	13,502	14,311	15,901	17,099	18,003	19,751	20,857	22,135	23.096	22,865	
Business	10,695	11,631	11,957	12,700	14,103	15,065	15,870	17,490	18,310	19,486	20,376	20,051	
Universities and colleges	285	345	405	466	527	601	690	778	868	924	948	971	
Other nonprofit institutions serving households	179	208	257	311	376	431	496	520	607	612	593	663	
Federally funded R&D centers:	411	469	545	425	414	460	376	359	420	417	465	475	
Business Universities and colleges	192	208	236	271	325	367	373	383	410	433	442	475 445	
Other nonprofit institutions serving households	44	66	102	137	157	174	197	220	242	263	273	260	
Public	2,148	2,380	2,635	2,941	3.368	3,881	4,323	4,707	5.041	5,231	5,454	5,910	
Federal government	1,665	1,821	1,985	2,170	2,461	2,829	3,127	3,357	3,534	3,595	3,719	4.032	
State and local governments ¹	53	58	63	68	69	74	91	108	123	140	155	175	
Universities and colleges	288	342	407	499	618	734	860	991	1,117	1,217	1,297	1,419	
Federally funded R&D centers:	440	150	404	00.4	004		040	054	007	000	004	005	
Universities and colleges	143	159	181	204	221	244	246	251	267	280	284	285	
	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	
Total R&D performance	29,604	31,641	34,113	36,815	39,403	43,483	47,651	53,643	61,755	71,319	81,813	90,977	
Private	23,162	24,643	26,649	28,787	30,685	34,185	37,668	42,669	49,595	57,665	66,916	75,084	
Business	20,283	21,592	23,484	25,273	26,773	29,777	32,808	36,952	43,079	50,301	58,897	66,711	
Universities and colleges Other nonprofit institutions serving households	994 703	1,042 7 55	1,096 786	1,185 878	1,307 983	1,409 1,110	1,556 1,177	1,817 1,414	2,114 1,608	2,366 1,837	2,585 2,038	2,751 2,114	
Federally funded R&D centers:	'03	133	, 00	0/0	300	1,110	1,177	1,717	1,000	1,007	2,030	۵,۱۱۰	
Business	494	550	549	652	735	894	969	1,090	1,177	1,295	1,408	1,509	
Universities and colleges Other nonprofit institutions serving households	447	475	513	555	629	721	855	1,041	1,195	1,348	1,407	1,422	
	241	229	221	244	258	273	303	356	422	517	580	577	
Public	6,441	6,998	7,464	8,028	8,718	9,298	9,983	10,974	12,160	13,654	14,897	15,893	
Federal government State and local governments ¹	4,401	4,766	5,037	5,356	5,717	5,972	6,207 345	6,656	7,252 442	8,066	8,739	9,264 504	
Universities and colleges	206 1,550	239 1,694	265 1,843	282 2,035	299 2,286	314 2,512	2,809	396 3,195	3,636	481 4,145	500 4,576	4,942	
Federally funded R&D centers:	1,550	1,034	1,043	2,000	2,200	2,512	2,003	3,133	3,030	7,170	4,570	7,372	
Universities and colleges	285	299	320	355	416	500	622	726	830	963	1,082	1,183	
		· · · · · · · ·		'			· · · · · · · · · · · · · · · · · · ·	•		,			
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	
	-												
	100,809	114,490	128,382	135,200	144,300	152,649	161,458	167,759	176,495	180,634	181,436	185,649	
Private	100,809 83,382	114,490 95,141	128,382 106,887	135,200 111,642	144,300 119,955	126,563	133,391	138,062	145,926	180,634 148,895	181,436 148,361	185,649 151,795	
Private Business	100,809 83,382 74,380	114,490 95,141 85,170	128,382 106,887 95,771	135,200 111,642 99,465	144,300 119,955 106,910	1 26,563 112,195	133,391 117,845	138,062 121,425	145,926 127,963	180,634 148,895 129,908	181,436 148,361 128,774	185,649 151,795 131,423	
Private Business Universities and colleges	100,809 83,382 74,380	114,490 95,141 85,170 3,220	128,382 106,887 95,771 3,585	135,200 111,642 99,465 4,005	144,300 119,955 106,910 4,451	1 26,563 112,195 4,922	133,391 117,845 5,354	138,062 121,425 5,704	145,926 127,963 6,083	180,634 148,895 129,908 6,438	181,436 148,361 128,774 6,765	185,649 151,795 131,423 7,067	
Private Business Universities and colleges Other nonprofit institutions serving households	100,809 83,382	114,490 95,141 85,170	128,382 106,887 95,771	135,200 111,642 99,465	144,300 119,955 106,910	1 26,563 112,195	133,391 117,845	138,062 121,425	145,926 127,963	180,634 148,895 129,908	181,436 148,361 128,774	185,649 151,795 131,423	
Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business	100,809 83,382 74,380 2,934 2,278	114,490 95,141 85,170 3,220 2,625 1,754	128,382 106,887 95,771 3,585	135,200 111,642 99,465 4,005	144,300 119,955 106,910 4,451 3,631 2,013	1 26,563 112,195 4,922	133,391 117,845 5,354	138,062 121,425 5,704 5,056 2,345	145,926 127,963 6,083 5,845 2,308	180,634 148,895 129,908 6,438 6,294 2,380	181,436 148,361 128,774 6,765	185,649 151,795 131,423 7,067	
Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges	100,809 83,382 74,380 2,934 2,278 1,606 1,552	114,490 95,141 85,170 3,220 2,625 1,754 1,717	128,382 106,887 95,771 3,585 3,042 1,876 1,912	135,200 111,642 99,465 4,005 3,496 1,910 2,138	144,300 119,955 106,910 4,451 3,631 2,013 2,358	1 26,563 112,195 4,922 4,125 2,141 2,559	133,391 117,845 5,354 4,632 2,217 2,658	138,062 121,425 5,704 5,056 2,345 2,726	145,926 127,963 6,083 5,845 2,308 2,825	180,634 148,895 129,908 6,438 6,294 2,380 2,910	181,436 148,361 128,774 6,765 6,846 2,017 2,941	185,649 151,795 131,423 7,067 6,955 2,240 3,017	
Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households	100,809 83,382 74,380 2,934 2,278 1,606 1,552 632	114,490 95,141 85,170 3,220 2,625 1,754 1,717 656	128,382 106,887 95,771 3,585 3,042 1,876 1,912 702	135,200 111,642 99,465 4,005 3,496 1,910 2,138 627	144,300 119,955 106,910 4,451 3,631 2,013 2,358 592	126,563 112,195 4,922 4,125 2,141 2,559 622	133,391 117,845 5,354 4,632 2,217 2,658 684	138,062 121,425 5,704 5,056 2,345 2,726 806	145,926 127,963 6,083 5,845 2,308 2,825 902	180,634 148,895 129,908 6,438 6,294 2,380 2,910 965	181,436 148,361 128,774 6,765 6,846 2,017 2,941 1,018	185,649 151,795 131,423 7,067 6,955 2,240 3,017 1,091	
Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public	100,809 83,382 74,380 2,934 2,278 1,606 1,552 632 17,427	114,490 95,141 85,170 3,220 2,625 1,754 1,717 656 19,350	128,382 106,887 95,771 3,585 3,042 1,876 1,912 702 21,496	135,200 111,642 99,465 4,005 3,496 1,910 2,138 627 23,558	144,300 119,955 106,910 4,451 3,631 2,013 2,358 592 24,345	126,563 112,195 4,922 4,125 2,141 2,559 622 26,086	133,391 117,845 5,354 4,632 2,217 2,658 684 28,067	138,062 121,425 5,704 5,056 2,345 2,726 806 29,698	145,926 127,963 6,083 5,845 2,308 2,825 902 30,570	180,634 148,895 129,908 6,438 6,294 2,380 2,910 965 31,739	181,436 148,361 128,774 6,765 6,846 2,017 2,941 1,018 33,075	185,649 151,795 131,423 7,067 6,955 2,240 3,017 1,091 33,854	
Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government	100,809 83,382 74,380 2,934 2,278 1,606 1,552 632 17,427 10,210	114,490 95,141 85,170 3,220 2,625 1,754 1,717 656 19,350 11,362	128,382 106,887 95,771 3,585 3,042 1,876 1,912 702 21,496 12,588	135,200 111,642 99,465 4,005 3,496 1,910 2,138 627 23,558 13,683	144,300 119,955 106,910 4,451 3,631 2,013 2,358 592 24,345 13,476	126,563 112,195 4,922 4,125 2,141 2,559 622 26,086 14,159	133,391 117,845 5,354 4,632 2,217 2,658 684 28,067 15,071	138,062 121,425 5,704 5,056 2,345 2,726 806 29,698 15,627	145,926 127,963 6,083 5,845 2,308 2,825 902 30,570 15,511	180,634 148,895 129,908 6,438 6,294 2,380 2,910 965 31,739 15,845	181,436 148,361 128,774 6,765 6,846 2,017 2,941 1,018 33,075 16,407	185,649 151,795 131,423 7,067 6,955 2,240 3,017 1,091 33,854 16,500	
Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local onergments	100,809 83,382 74,380 2,934 2,278 1,606 1,552 632 17,427 10,210 508	114,490 95,141 85,170 3,220 2,625 1,754 1,717 656 19,350 11,362 529	128,382 106,887 95,771 3,585 3,042 1,876 1,912 702 21,496 12,588 562	135,200 111,642 99,465 4,005 3,496 1,910 2,138 627 23,558 13,683 584	144,300 119,955 106,910 4,451 3,631 2,013 2,358 592 24,345 13,476 638	126,563 112,195 4,922 4,125 2,141 2,559 622 26,086 14,159 670	133,391 117,845 5,354 4,632 2,217 2,658 684 28,067 15,071 662	138,062 121,425 5,704 5,056 2,345 2,726 806 29,698 15,627 656	145,926 127,963 6,083 5,845 2,308 2,825 902 30,570 15,511 621	180,634 148,895 129,908 6,438 6,294 2,380 2,910 965 31,739 15,845 601	181,436 148,361 128,774 6,765 6,846 2,017 2,941 1,018 33,075 16,407 605	185,649 151,795 131,423 7,067 6,955 2,240 3,017 1,091 33,854 16,500 596	
Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges Federally funded R&D centers:	100,809 83,382 74,380 2,934 2,278 1,606 1,552 632 17,427 10,210 508 5,365	114,490 95,141 85,170 3,220 2,625 1,754 1,717 656 19,350 11,362 529 5,902	128,382 106,887 95,771 3,585 3,042 1,876 1,912 702 21,496 12,588 562 6,617	135,200 111,642 99,465 4,005 3,496 1,910 2,138 627 23,558 13,683 584 7,413	144,300 119,955 106,910 4,451 3,631 2,013 2,358 592 24,345 13,476 638 8,239	126,563 112,195 4,922 4,125 2,141 2,559 622 26,086 14,159 670 9,177	133,391 117,845 5,354 4,632 2,217 2,658 684 28,067 15,071 662 10,176	138,062 121,425 5,704 5,056 2,345 2,726 806 29,698 15,627 656 11,165	145,926 127,963 6,083 5,845 2,308 2,825 902 30,570 15,511 621 12,081	180,634 148,895 129,908 6,438 6,294 2,380 2,910 965 31,739 15,845 601 12,904	181,436 148,361 128,774 6,765 6,846 2,017 2,941 1,018 33,075 16,407 605 13,681	185,649 151,795 131,423 7,067 6,955 2,240 3,017 1,091 33,854 16,500 596 14,424	
Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges	100,809 83,382 74,380 2,934 2,278 1,606 1,552 632 17,427 10,210 508	114,490 95,141 85,170 3,220 2,625 1,754 1,717 656 19,350 11,362 529	128,382 106,887 95,771 3,585 3,042 1,876 1,912 702 21,496 12,588 562	135,200 111,642 99,465 4,005 3,496 1,910 2,138 627 23,558 13,683 584	144,300 119,955 106,910 4,451 3,631 2,013 2,358 592 24,345 13,476 638	126,563 112,195 4,922 4,125 2,141 2,559 622 26,086 14,159 670	133,391 117,845 5,354 4,632 2,217 2,658 684 28,067 15,071 662	138,062 121,425 5,704 5,056 2,345 2,726 806 29,698 15,627 656	145,926 127,963 6,083 5,845 2,308 2,825 902 30,570 15,511 621	180,634 148,895 129,908 6,438 6,294 2,380 2,910 965 31,739 15,845 601	181,436 148,361 128,774 6,765 6,846 2,017 2,941 1,018 33,075 16,407 605	185,649 151,795 131,423 7,067 6,955 2,240 3,017 1,091 33,854 16,500 596	
Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges Federally funded R&D centers:	100,809 83,382 74,380 2,934 2,278 1,606 1,552 632 17,427 10,210 508 5,365	114,490 95,141 85,170 3,220 2,625 1,754 1,717 656 19,350 11,362 529 5,902	128,382 106,887 95,771 3,585 3,042 1,876 1,912 702 21,496 12,588 562 6,617	135,200 111,642 99,465 4,005 3,496 1,910 2,138 627 23,558 13,683 584 7,413	144,300 119,955 106,910 4,451 3,631 2,013 2,358 592 24,345 13,476 638 8,239	126,563 112,195 4,922 4,125 2,141 2,559 622 26,086 14,159 670 9,177	133,391 117,845 5,354 4,632 2,217 2,658 684 28,067 15,071 662 10,176	138,062 121,425 5,704 5,056 2,345 2,726 806 29,698 15,627 656 11,165	145,926 127,963 6,083 5,845 2,308 2,825 902 30,570 15,511 621 12,081	180,634 148,895 129,908 6,438 6,294 2,380 2,910 965 31,739 15,845 601 12,904	181,436 148,361 128,774 6,765 6,846 2,017 2,941 1,018 33,075 16,407 605 13,681	185,649 151,795 131,423 7,067 6,955 2,240 3,017 1,091 33,854 16,500 596 14,424	2
Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges	100,809 83,382 74,380 2,934 2,278 1,666 1,552 632 17,427 10,210 508 5,365 1,344	114,490 95,141 85,170 3,220 2,625 1,754 1,717 656 19,350 11,362 529 5,902 1,558	128,382 106,887 95,771 3,585 3,042 1,876 1,912 702 21,496 12,588 562 6,617 1,729	135,200 111,642 99,465 4,005 3,496 1,910 2,138 627 23,558 13,683 7,413 1,878	144,300 119,955 106,910 4,451 3,631 2,013 2,358 592 24,345 13,476 638 8,239 1,992	126,563 112,195 4,922 4,125 2,141 2,559 622 26,086 14,159 9,177 2,080	133,391 117,845 5,3354 4,632 2,217 2,658 684 28,067 15,071 662 10,176 2,159 2001	138,062 121,425 5,704 5,056 2,726 806 29,698 15,627 656 11,165 2,250	145,926 127,963 6,083 5,845 2,308 2,825 902 30,570 15,511 12,081 2,356	180,634 148,895 129,908 6,438 6,294 2,380 2,910 965 31,739 15,845 601 12,904 2,389	181,436 148,361 128,774 6,765 6,846 2,017 2,941 1,018 33,075 16,407 605 13,681 2,381	185,649 151,795 131,423 7,067 6,955 2,240 3,017 1,091 33,854 16,500 596 14,424 2,334	41
Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges	100,809 83,382 74,380 2,934 2,278 1,606 1,552 632 17,427 10,210 508 5,365 1,344	114,490 95,141 85,170 3,220 2,625 1,754 1,717 656 19,350 11,362 529 5,902 1,558	128,382 106,887 95,771 3,585 3,042 1,876 1,912 702 21,496 12,588 562 6,617 1,729	135,200 111,642 99,465 4,005 3,496 1,910 2,138 627 23,558 13,683 584 7,413 1,878	144,300 119,955 106,910 4,451 3,631 2,013 2,358 592 24,345 13,476 638 8,239 1,992 1999	126,563 112,195 4,922 4,125 2,141 2,559 622 26,086 14,159 670 9,177 2,080 2000	133,391 117,845 5,354 4,632 2,217 2,658 684 28,067 15,071 662 10,176 2,159 2001 296,181 247,822	138,062 121,425 5,704 5,056 2,345 2,726 806 29,698 15,627 656 11,165 2,250 2002	145,926 127,963 6,083 5,845 2,308 2,825 902 30,570 15,511 621 12,081 2,356 2003	180,634 148,895 129,908 6,438 6,294 2,380 2,910 965 31,739 15,845 601 12,904 2,389 2004	181,436 148,361 128,774 6,765 6,846 2,017 2,941 1,018 33,075 16,407 605 13,681 2,381	185,649 151,795 131,423 7,067 6,955 2,240 3,017 1,091 33,854 16,500 596 14,424 2,334	34
Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges	100,809 83,382 74,380 2,934 2,278 1,666 1,552 632 17,427 10,210 508 5,365 1,344	114,490 95,141 85,170 3,220 2,625 1,754 1,717 656 19,350 11,362 529 5,902 1,558	128,382 106,887 95,771 3,585 3,042 1,876 1,912 702 21,496 12,588 562 6,617 1,729 1997 228,847 192,593 170,914	135,200 111,642 99,465 4,005 3,496 1,910 2,138 627 23,558 13,683 584 7,413 1,878 1998 242,519 204,967 182,498	144,300 119,955 106,910 4,451 3,631 2,013 2,358 592 24,345 638 8,239 1,992 1999 262,222 222,536 198,798	126,563 112,195 4,922 4,125 4,125 2,141 2,559 622 26,086 14,159 670 9,177 2,080 2000 285,427 241,554 215,326	133,391 117,845 5,354 4,632 2,217 2,658 684 28,067 15,071 662 10,176 2,159 2001 296,181 247,822 219,064	138,062 121,425 5,704 5,056 2,345 2,726 806 29,698 15,627 656 11,165 2,250 2002 296,155 243,230 211,737	145,926 127,963 6,083 5,845 2,308 2,825 902 30,570 15,511 621 12,081 2,356 2003 309,899 252,743 218,838	180,634 148,895 129,908 6,438 6,294 2,380 2,910 965 31,739 15,845 601 12,904 2,389 2004 324,618 265,514 229,763	181,436 148,361 128,774 6,765 6,846 2,017 1,018 33,075 16,407 605 13,681 2,381 2005 347,818 285,578 248,032	185,649 151,795 131,423 7,067 6,955 2,240 3,017 1,091 33,854 16,500 596 14,424 2,334 2006 374,461 310,189 271,943	34
Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges Federally funded R&D centers: Universities and colleges Total R&D performance Private Business Universities and colleges Universities and colleges	100,809 83,382 74,380 2,934 2,278 1,606 1,552 632 17,427 10,210 508 5,365 1,344	114,490 95,141 85,170 3,220 2,625 1,754 1,717 656 19,350 5,902 1,558 1996 213,450 178,412 157,206 7,546	128,382 106,887 95,771 3,585 3,042 1,876 1,912 702 21,496 12,588 562 6,617 1,729 1997 228,847 192,593 170,914 7,835	135,200 111,642 99,465 4,005 3,496 1,910 2,138 627 23,558 13,683 5,84 7,413 1,878 1998 242,519 204,967 182,498 8,263	144,300 119,955 106,910 4,451 3,631 2,358 592 24,345 638 8,239 1,992 1999 262,222 222,536 198,798 8,801	126,563 112,195 4,922 4,125 2,141 2,559 670 9,177 2,080 2000 285,427 241,554 215,326 9,521	133,391 117,845 5,354 4,632 2,217 2,658 662 10,176 2,159 2001 296,181 247,822 219,064 10,347	138,062 121,425 5,704 5,056 2,345 2,726 8,698 15,627 656 11,165 2,250 2002 2002 296,155 243,230 211,737 11,338	145,926 127,963 6,083 5,845 2,308 2,825 90,570 15,511 621 12,081 2,356 2003 309,899 252,743 218,838 12,517	180,634 148,895 129,908 6,438 6,294 2,380 2,910 965 31,739 15,845 601 12,904 2,389 2004 324,618 229,763 13,597	181,436 148,361 128,774 6,765 6,846 2,017 2,941 1,018 33,075 16,407 605 13,681 2,381 2005	185,649 151,795 131,423 7,067 6,955 2,240 3,017 1,091 33,854 16,500 596 14,424 2,334 2006 374,461 310,189 271,943 14,859	4 3 3
Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges	100,809 83,382 74,380 2,934 2,278 1,666 1,552 632 17,427 10,210 508 5,365 1,344	114,490 95,141 85,170 3,220 2,625 1,754 1,717 656 19,350 11,362 529 5,902 1,558	128,382 106,887 95,771 3,585 3,042 1,876 1,912 702 21,496 12,588 562 6,617 1,729 1997 228,847 192,593 170,914	135,200 111,642 99,465 4,005 3,496 1,910 2,138 627 23,558 13,683 584 7,413 1,878 1998 242,519 204,967 182,498	144,300 119,955 106,910 4,451 3,631 2,013 2,358 592 24,345 638 8,239 1,992 1999 262,222 222,536 198,798	126,563 112,195 4,922 4,125 4,125 2,141 2,559 622 26,086 14,159 670 9,177 2,080 2000 285,427 241,554 215,326	133,391 117,845 5,354 4,632 2,217 2,658 684 28,067 15,071 662 10,176 2,159 2001 296,181 247,822 219,064	138,062 121,425 5,704 5,056 2,345 2,726 806 29,698 15,627 656 11,165 2,250 2002 296,155 243,230 211,737	145,926 127,963 6,083 5,845 2,308 2,825 902 30,570 15,511 621 12,081 2,356 2003 309,899 252,743 218,838	180,634 148,895 129,908 6,438 6,294 2,380 2,910 965 31,739 15,845 601 12,904 2,389 2004 324,618 265,514 229,763	181,436 148,361 128,774 6,765 6,846 2,017 1,018 33,075 16,407 605 13,681 2,381 2005 347,818 285,578 248,032	185,649 151,795 131,423 7,067 6,955 2,240 3,017 1,091 33,854 16,500 596 14,424 2,334 2006 374,461 310,189 271,943	4 3 3
Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Cother nonprofit institutions serving households Federally funded R&D centers: Business	100,809 83,382 74,380 2,934 2,278 1,606 1,552 632 17,427 10,210 508 5,365 1,344	114,490 95,141 85,170 3,220 2,625 1,754 1,717 656 19,350 5,902 1,558 1996 213,450 178,412 157,206 7,546	128,382 106,887 95,771 3,585 3,042 1,876 1,912 702 21,496 12,588 562 6,617 1,729 1997 228,847 192,593 170,914 7,835	135,200 111,642 99,465 4,005 3,496 1,910 2,138 627 23,558 13,683 5,84 7,413 1,878 1998 242,519 204,967 182,498 8,263	144,300 119,955 106,910 4,451 3,631 2,358 592 24,345 13,476 638 8,239 1,992 1999 262,222 222,536 198,798 8,801 8,353 2,002	126,563 112,195 4,922 4,125 2,141 2,559 670 9,177 2,080 2000 285,427 241,554 215,326 9,521	133,391 117,845 5,354 4,632 2,217 2,658 667 15,071 662 10,176 2,159 2001 296,181 247,822 219,064 10,347 10,946 2,075	138,062 121,425 5,704 5,056 2,345 2,726 89,698 15,627 656 11,165 2,250 2002 296,155 243,230 211,737 11,338 12,148 2,307	145,926 127,963 6,083 5,845 2,308 2,825 902 30,570 621 12,081 2,356 2003 309,899 252,743 218,838 12,517 12,884 2,526	180,634 148,895 129,908 6,438 6,294 2,380 2,910 965 31,739 15,845 601 12,904 2,389 2004 324,618 265,514 229,763 13,597 13,163 2,618	181,436 148,361 128,774 6,765 6,846 2,017 2,941 1,018 33,075 16,407 605 13,681 2,381 2005	185,649 151,795 131,423 7,067 6,955 2,240 3,017 1,091 33,654 16,500 596 14,424 2,334 2006 374,461 310,189 271,943 14,859 13,862 2,696	4 3 3
Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Universities and colleges Universities and colleges Universities and colleges Universities and colleges Universities and colleges	100,809 83,382 74,380 2,934 2,278 1,606 1,552 632 17,427 10,210 508 5,365 1,344 1995 199,458 165,014 144,065 7,331 7,047 2,310 3,061	114,490 95,141 85,170 3,220 2,625 1,754 1,717 656 19,350 11,362 5,902 1,558 1996 213,450 178,412 157,206 7,546 7,065 2,333 3,039	128,382 106,887 95,771 3,585 3,042 1,876 1,912 702 21,496 12,588 562 6,617 1,729 1997 228,847 192,593 17,349 2,176 3,076	135,200 111,642 99,465 4,005 3,496 1,910 2,138 627 23,558 13,683 584 7,413 1,878 1998 242,519 204,967 182,498 8,263 7,947 2,124 2,983	144,300 119,955 106,910 4,451 3,631 2,013 2,358 592 24,345 638 8,239 1,992 1999 262,222 222,536 198,798 8,801 8,801 8,239 20,022 222,536 198,798	126,563 112,195 4,925 4,125 2,141 2,559 622 26,086 14,159 670 9,177 2,080 2000 285,427 241,554 215,326 9,521 9,622 2,011 3,031	133,391 117,845 5,354 4,632 2,217 2,658 684 28,067 15,071 662 10,176 2,159 2001 296,181 247,822 219,064 10,347 10,946 2,075 3,225	138,062 121,425 5,7056 2,345 2,726 806 29,698 15,627 656 11,165 2,250 2002 296,155 243,230 211,737 11,338 12,148 2,307 3,402	145,926 127,963 6,083 5,845 2,308 2,825 902 30,570 15,511 621 12,081 2,356 2003 309,899 252,743 218,838 12,517 12,824 2,526 3,504	180,634 148,895 129,908 6,438 6,294 2,380 2,910 965 31,739 15,845 601 12,904 2,389 2004 324,618 265,514 229,763 13,597 13,163 2,618 3,742	181,436 148,361 128,774 6,765 6,846 2,017 2,941 1,018 33,075 16,605 13,681 2,381 2005 347,818 285,578 248,032 14,333 13,904 2,670 3,819	185,649 151,795 131,423 7,067 6,955 2,240 3,017 1,091 33,854 16,500 596 14,424 2,334 2006 374,461 310,189 271,943 14,859 13,865 2,696 3,885	4 3 3
Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Cother nonprofit institutions serving households Federally funded R&D centers: Business	100,809 83,382 74,380 2,934 2,278 1,606 1,552 632 17,427 10,210 508 5,365 1,344 1995 199,458 165,014 144,065 7,331 7,047 2,310 3,061 1,199	114,490 95,141 85,170 3,220 2,625 1,754 1,717 656 19,350 11,362 5,902 1,558 1996 213,450 178,412 157,206 7,546 7,065 2,333 3,039 1,223	128,382 106,887 95,771 3,585 3,042 1,876 1,912 702 21,496 12,588 562 6,617 1,729 1997 228,847 192,593 170,914 7,835 7,349 2,176 3,076 3,076 3,076	135,200 111,642 99,465 4,005 3,496 1,910 2,138 627 23,558 13,683 584 7,413 1,878 1998 242,519 204,967 182,498 8,263 7,947 2,194 2,198 8,263 7,947 2,198 8,263 7,194	144,300 119,955 106,910 4,451 3,631 2,013 2,358 592 24,345 638 8,239 1,992 1999 262,222 222,536 198,798 8,801 8,353 2,002 2,969 1,612	126,563 112,192 4,922 4,125 2,141 2,559 670 9,177 2,080 2000 285,427 241,554 215,326 9,521 9,642 2,023	133,391 117,845 5,354 4,632 2,217 2,658 6,657 15,071 662 10,176 2,159 2001 296,181 247,822 219,064 10,347 10,946 2,275 3,225 2,166	138,062 121,425 5,704 5,056 2,345 2,726 8,969 15,627 656 11,165 2,250 2002 296,155 243,20 211,737 11,338 12,148 2,307 3,402 2,297	145,926 127,963 6,083 5,845 2,308 2,825 900 30,570 15,511 621 12,081 2,356 2003 309,899 252,743 218,838 12,517 12,884 2,526 3,504 2,475	180,634 148,895 129,908 6,438 6,294 2,380 2,910 965 31,739 15,845 601 12,904 2,389 2004 324,618 265,514 29,763 13,597 13,163 2,618 3,742 2,631	181,436 148,361 128,774 6,765 6,846 2,017 1,018 33,075 16,407 605 13,681 2,381 2005 347,818 285,578 248,032 14,333 13,904 2,670 3,819 2,821	185,649 151,795 131,423 7,067 6,955 2,240 3,017 1,091 33,854 16,500 596 14,424 2,334 2006 374,461 310,189 13,862 2,694	4 3 3
Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public	100,809 83,382 74,380 2,934 2,278 1,606 1,552 632 17,427 10,210 508 5,365 1,344 1995 199,458 165,014 144,065 7,331 7,047 2,310 3,061 1,361 1,344	114,490 95,141 85,170 3,220 2,625 1,754 1,717 656 19,350 1,362 529 5,902 1,558 1996 213,450 178,412 157,206 7,546 7,065 2,333 3,039 1,223 3,039 1,223 3,039 1,223 3,039 1,223 3,3039 1,223 3,233 3,	128,382 106,887 95,771 3,585 3,042 1,876 1,912 702 21,496 12,588 562 6,617 1,729 1997 228,847 192,593 170,914 7,835 7,349 2,176 3,076 1,243 3,076 1,243 3,076	135,200 111,642 99,465 4,005 3,496 1,910 2,138 627 23,588 13,683 13,683 1,413 1,878 1998 242,519 204,967 182,498 8,263 7,947 2,124 2,983 1,755 2,1755 2,1755	144,300 119,955 106,910 4,451 3,631 2,358 592 24,345 13,45 638 8,239 1,992 1999 262,222 222,536 198,798 8,801 1,815 2,969 1,612 39,686	126,563 112,195 4,922 4,125 2,141 2,559 670 9,177 2,080 2000 285,427 241,554 215,326 9,521 9,642 2,011 3,031 2,023 43,873	133,391 117,845 5,354 4,632 2,217 2,658 662 10,176 2,159 2001 296,181 247,822 219,044 10,347 10,946 2,075 3,225 2,126 48,359	138,062 121,425 5,704 5,056 2,345 2,726 856 11,652 656 11,165 2,250 2002 296,155 243,230 211,737 11,338 12,148 2,307 3,402 2,297 52,925	145,926 127,963 6,083 5,845 2,308 2,825 902 30,570 15,511 621 12,081 12,081 2,356 2003 309,899 252,743 218,838 12,517 12,884 2,526 3,504 2,475 57,156	180,634 148,895 129,908 6,438 6,294 2,380 2,910 965 31,739 15,845 601 12,904 2,389 2004 324,618 265,514 229,763 13,597 13,163 2,618 3,742 2,631 59,104	181,436 148,361 128,774 6,765 6,846 2,017 2,941 1,018 33,075 16,407 605 13,681 2,381 2005 347,818 285,578 248,032 14,333 13,904 2,670 3,819 2,821 2,82	185,649 151,795 131,423 7,067 6,955 2,240 3,017 1,091 33,654 16,500 596 14,424 2,334 2006 374,461 310,189 271,943 14,859 13,862 2,696 3,885 2,944 64,271	4 3 3
Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Problic Federal government State and local governments' Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges Universities and colleges Universities and colleges Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Federal government Federal government	100,809 83,382 74,380 2,934 2,278 1,652 632 17,427 10,210 508 5,365 1,344 1995 199,458 165,014 144,065 7,331 7,047 2,310 3,061 1,199 34,444 16,376	114,490 95,141 85,170 3,220 2,625 1,754 1,717 656 19,350 11,362 5,902 1,558 1996 213,450 178,412 157,206 7,546 7,065 2,333 3,039 1,223 35,038 16,303 16,303	128,382 106,887 95,771 3,585 3,042 1,876 1,912 702 21,496 12,588 562 6,617 1,729 1997 228,847 192,593 170,914 7,835 7,349 2,176 3,076 1,243 36,254 36,685	135,200 111,642 99,465 4,005 3,496 1,910 2,138 627 23,558 13,683 584 7,413 1,878 242,519 204,967 182,498 8,263 7,947 2,124 2,983 1,152 37,552 16,749	144,300 119,955 106,910 4,451 3,631 2,013 2,358 592 24,345 638 8,239 1,992 1999 262,222 222,536 8,801 8,851 2,002 2,969 1,612 39,686 17,283	126,563 112,195 4,922 4,125 2,141 2,559 622 26,086 14,159 670 9,177 2,080 2000 285,427 241,554 215,326 9,521 9,642 2,011 3,031 2,023 43,873 19,373	133,391 117,845 5,354 4,632 2,217 2,658 684 28,067 15,071 662 10,176 2,159 2001 296,181 247,822 219,064 10,347 10,946 4,046 2,075 3,225 2,166 48,359 21,439	138,062 121,425 5,704 5,056 2,345 2,726 806 29,698 15,627 656 11,165 2,250 2002 296,155 243,230 211,737 11,338 12,148 2,307 3,402 2,297 52,925 23,123	145,926 127,963 6,083 5,845 2,308 2,825 902 30,570 15,511 621 12,081 2,356 2003 309,899 252,743 218,838 12,517 12,884 2,526 3,504 2,475 57,156 24,988	180,634 148,895 129,908 6,438 6,294 2,380 2,910 965 31,739 15,845 601 12,904 2,389 2004 324,618 265,514 229,763 13,597 13,163 2,618 3,742 2,631 59,1086	181,436 148,361 128,774 6,765 6,846 2,017 2,941 1,018 33,075 16,605 13,681 2,381 2005 347,818 248,032 14,333 13,904 2,670 3,819 2,821 62,249 26,493	185,649 151,795 131,423 7,067 6,955 2,240 3,017 1,091 33,854 16,596 14,424 2,334 2006 374,461 310,189 271,943 14,859 13,855 2,944 64,271 27,034	4 3 3
Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges For the service of the service of the serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments'	100,809 83,382 74,380 2,934 2,278 1,666 1,552 632 17,427 10,210 5,365 1,344 1995 199,458 165,014 144,065 7,331 7,047 2,310 3,061 3,061 1,376 4,376 5,376	114,490 95,141 85,170 3,220 2,625 1,754 1,717 656 19,350 11,362 5,902 1,558 1996 213,450 178,412 157,206 2,333 3,038 1,223 35,038 16,303 527	128,382 106,887 95,771 3,585 3,042 1,876 1,912 702 21,496 12,588 6,617 1,729 1997 228,847 192,593 170,914 7,835 7,349 2,176 3,076 1,243 36,254 16,685 585	135,200 111,642 99,465 4,005 3,496 1,910 2,138 627 23,558 13,683 584 7,413 1,878 242,519 204,967 182,498 8,263 7,947 2,124 2,983 7,152 11,152 37,552 16,749 534	144,300 119,955 106,910 4,451 3,631 2,035 592 24,345 638 8,239 1,992 1999 262,222 222,536 198,798 8,801 8,353 2,002 2,969 1,612 39,686 17,283 528	126,563 112,1925 4,1925 4,125 2,141 2,559 670 9,177 2,080 2000 285,427 241,554 215,326 9,521 9,642 2,011 3,031 19,377 531	133,391 117,845 5,354 4,632 2,217 2,658 6,657 15,071 662 10,176 2,159 2001 296,181 247,822 219,064 10,347 10,946 2,075 3,225 2,166 48,359 21,439 542	138,062 121,425 5,704 5,056 2,345 2,726 8,9698 15,627 656 11,165 2,250 2002 2002 296,155 243,230 211,737 11,338 12,148 2,307 3,402 2,297 52,925 23,123 541	145,926 127,963 6,083 5,845 2,308 2,825 9070 15,511 621 12,081 2,356 2003 309,899 252,743 218,838 12,517 12,884 2,526 3,504 2,475 57,156 24,988 582	180,634 148,895 129,908 6,438 6,294 2,380 2,910 965 31,739 15,845 601 12,904 2,389 2004 324,618 265,514 229,763 13,597 13,163 2,618 3,742 2,631 59,104 25,086 619	181,436 148,361 128,774 6,765 6,846 2,017 2,941 1,018 33,075 16,407 605 13,681 2,381 2005 347,818 285,578 248,032 14,333 13,904 2,670 3,700 3,70	185,649 151,795 131,423 7,067 6,955 2,240 3,017 1,091 33,854 16,500 596 14,424 2,334 2006 374,461 310,189 271,943 13,862 2,696 3,885 2,944 64,271 27,034	4 3 3
Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Problic Federal government State and local governments' Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges Universities and colleges Universities and colleges Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Federal government Federal government	100,809 83,382 74,380 2,934 2,278 1,652 632 17,427 10,210 508 5,365 1,344 1995 199,458 165,014 144,065 7,331 7,047 2,310 3,061 1,199 34,444 16,376	114,490 95,141 85,170 3,220 2,625 1,754 1,717 656 19,350 11,362 5,902 1,558 1996 213,450 178,412 157,206 7,546 7,065 2,333 3,039 1,223 35,038 16,303 16,303	128,382 106,887 95,771 3,585 3,042 1,876 1,912 702 21,496 12,588 562 6,617 1,729 1997 228,847 192,593 170,914 7,835 7,349 2,176 3,076 1,243 36,254 36,685	135,200 111,642 99,465 4,005 3,496 1,910 2,138 627 23,558 13,683 584 7,413 1,878 242,519 204,967 182,498 8,263 7,947 2,124 2,983 1,152 37,552 16,749	144,300 119,955 106,910 4,451 3,631 2,013 2,358 592 24,345 638 8,239 1,992 1999 262,222 222,536 8,801 8,851 2,002 2,969 1,612 39,686 17,283	126,563 112,195 4,922 4,125 2,141 2,559 622 26,086 14,159 670 9,177 2,080 2000 285,427 241,554 215,326 9,521 9,642 2,011 3,031 2,023 43,873 19,373	133,391 117,845 5,354 4,632 2,217 2,658 684 28,067 15,071 662 10,176 2,159 2001 296,181 247,822 219,064 10,347 10,946 4,046 2,075 3,225 2,166 48,359 21,439	138,062 121,425 5,704 5,056 2,345 2,726 806 29,698 15,627 656 11,165 2,250 2002 296,155 243,230 211,737 11,338 12,148 2,307 3,402 2,297 52,925 23,123	145,926 127,963 6,083 5,845 2,308 2,825 902 30,570 15,511 621 12,081 2,356 2003 309,899 252,743 218,838 12,517 12,884 2,526 3,504 2,475 57,156 24,988	180,634 148,895 129,908 6,438 6,294 2,380 2,910 965 31,739 15,845 601 12,904 2,389 2004 324,618 265,514 229,763 13,597 13,163 2,618 3,742 2,631 59,1086	181,436 148,361 128,774 6,765 6,846 2,017 2,941 1,018 33,075 16,605 13,681 2,381 2005 347,818 248,032 14,333 13,904 2,670 3,819 2,821 62,249 26,493	185,649 151,795 131,423 7,067 6,955 2,240 3,017 1,091 33,854 16,596 14,424 2,334 2006 374,461 310,189 271,943 14,859 13,855 2,944 64,271 27,034	4

Excludes universities and colleges.
 R&D Research and development

Table 3.2. Real Domestic R&D Output by Performer, 1959-2007

[Millions of chained (2005) dollars]

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	
otal R&D performance	34,330	37,915	40,202	43,248	48,710	52,993	56,174	60,989	63,311	65,556	67,154	65,348	
Private	29,044	32,021	33,637	35,876	40,195	43,190	45,297	49,252	50,988	53,024	54,325	51,926	
Business	26,310	28,810	29,787	31,837	35,650	38,051	39,930	43,614	44,762	46,679	47,927	45,535	
Universities and colleges	702	855	1,010	1,168	1,331	1,519	1,736	1,941	2,121	2,214	2,229	2,205	
Other nonprofit institutions serving households	440	515	640	780	951	1,090	1,249	1,297	1,484	1,466	1,394	1,505	
Federally funded R&D centers:	1.010	1 161	1 256	1 005	1.046	1 160	946	895	1 006	000	1.004	1.000	
BusinessUniversities and colleges	473	1,161 516	1,356 589	1,065 681	1,046 820	1,163 928	939	956	1,026 1,003	999 1,036	1,094 1,039	1,080 1,011	
Other nonprofit institutions serving households	108	164	255	344	397	439	496	549	592	631	642	591	
Public	5,285	5,894	6,565	7,373	8.515	9.803	10,877	11,737	12,324	12,531	12,829	13,422	
Federal government	4,096	4,510	4,946	5,441	6,220	7,145	7,867	8,372	8,640	8,611	8,747	9,156	
State and local governments ¹	130	143	156	170	175	188	228	268	302	335	364	396	
Universities and colleges	709	848	1,013	1,252	1,562	1,854	2,163	2,470	2,730	2,916	3,051	3,222	
Federally funded R&D centers:		1			1								
Universities and colleges	351	393	450	510	558	615	619	626	652	670	667	647	
	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	
otal R&D performance	64,720	67,860	71,587	68,287	63,781	66,722	69,149	72,933	77,201	79,737	81,677	84,683	
Private	50,638	52,851	55,923	53,396	49,670	52,454	54,661	58,013	62,000	64,471	66,805	69,890	
Business	44,342	46,308	49,281	46,879	43,337	45,692	47,610	50,240	53,854	56,238	58,800	62,096	
Universities and colleges	2,173	2,234	2,300	2,197	2,116	2,163	2,258	2,470	2,643	2,645	2,581	2,560	
Other nonprofit institutions serving households	1,536	1,619	1,649	1,628	1,591	1,703	1,708	1,922	2,010	2,054	2,035	1,968	
Federally funded R&D centers:	1.004	1,179	1 150	1,209	1 100	1 274	1.400	1 400	1 474	1 440	1.400	1 405	
Business Universities and colleges	1,081 978	1,179	1,153 1,076	1,209	1,190 1,018	1,371 1,107	1,406 1,241	1,482 1,415	1,471 1,494	1,448 1,508	1,406 1,405	1,405 1,323	
Other nonprofit institutions serving households	528	491	465	453	418	419	440	484	527	579	579	537	
Public	14,082	15,009	15,663	14,891	14,111	14,268	14,487	14,920	15,201	15,266	14.872	14,794	
Federal government	9,621	10,221	10,569	9,935	9,254	9,164	9,008	9,050	9,065	9,018	8,725	8,623	
State and local governments1	450	512	555	523	484	482	501	538	553	538	499	469	
Universities and colleges	3,388	3,634	3,867	3,774	3,700	3,854	4,076	4,344	4,545	4,634	4,568	4,600	
Federally funded R&D centers: Universities and colleges	622	641	672	658	674	767	902	987	1,038	1,076	1,080	1,101	
	L ' I									.,	.,,,,,,	.,,,,,,	
ANR II. I	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	
otal R&D performance	90,167	98,072	106,938	110,125	116,298	120,949	126,313	131,337	136,475	140,674	141,653	145,583	
Private	74,580	81,497	89,033	90,936	96,677	100,280	104,355	108,087	112,837	115,956	115,831	119.035	
							92,193	95,062					
Business	66.528				86,164	88,896	32.133	30.002	98.9471	101.170			
BusinessUniversities and colleges	66,528 2,625	72,956 2,758	79,774 2,986	81,018 3,263	3,587	88,896 3,900	4.189	4,466	98,947 4,703	101,170 5,013	100,538 5,282	103,060 5,542	
Universities and collegesOther nonprofit institutions serving households Federally funded R&D centers:	66,528 2,625 2,038	72,956	79,774	81,018							100,538	103,060	
Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business.	2,625 2,038 1,436	72,956 2,758 2,248	79,774 2,986 2,534	81,018 3,263 2,848	3,587 2,927 1,623	3,900 3,268 1,696	4,189 3,624 1,735	4,466 3,958 1,836	4,703 4,520 1,785	5,013 4,901 1,854	100,538 5,282 5,345 1,574	103,060 5,542 5,454 1,757	
Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges	2,625 2,038 1,436 1,388	72,956 2,758 2,248 1,502 1,471	79,774 2,986 2,534 1,563 1,593	81,018 3,263 2,848 1,555 1,742	3,587 2,927 1,623 1,900	3,900 3,268 1,696 2,028	4,189 3,624 1,735 2,080	4,466 3,958 1,836 2,134	4,703 4,520 1,785 2,184	5,013 4,901 1,854 2,266	100,538 5,282 5,345 1,574 2,296	103,060 5,542 5,454 1,757 2,366	
Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business. Universities and colleges. Other nonprofit institutions serving households	2,625 2,038 1,436 1,388 565	72,956 2,758 2,248 1,502 1,471 562	79,774 2,986 2,534 1,563 1,593 584	81,018 3,263 2,848 1,555 1,742 511	3,587 2,927 1,623 1,900 477	3,900 3,268 1,696 2,028 493	4,189 3,624 1,735 2,080 535	4,466 3,958 1,836 2,134 631	4,703 4,520 1,785 2,184 698	5,013 4,901 1,854 2,266 752	100,538 5,282 5,345 1,574 2,296 795	103,060 5,542 5,454 1,757 2,366 856	
Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public	2,625 2,038 1,436 1,388 565 15,587	72,956 2,758 2,248 1,502 1,471 562 16,575	79,774 2,986 2,534 1,563 1,593 584 17,905	81,018 3,263 2,848 1,555 1,742 511 19,189	3,587 2,927 1,623 1,900 477 19,621	3,900 3,268 1,696 2,028 493 20,669	4,189 3,624 1,735 2,080 535 21,958	4,466 3,958 1,836 2,134 631 23,250	4,703 4,520 1,785 2,184 698 23,638	5,013 4,901 1,854 2,266 752 24,718	100,538 5,282 5,345 1,574 2,296 795 25,822	103,060 5,542 5,454 1,757 2,366 856 26,548	
Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges. Other nonprofit institutions serving households Public. Federal government	2,625 2,038 1,436 1,388 565 15,587 9,132	72,956 2,758 2,248 1,502 1,471 562 16,575 9,732	79,774 2,986 2,534 1,563 1,593 584 17,905 10,486	81,018 3,263 2,848 1,555 1,742 511 19,189 11,145	3,587 2,927 1,623 1,900 477 19,621 10,861	3,900 3,268 1,696 2,028 493 20,669 11,219	4,189 3,624 1,735 2,080 535 21,958 11,790	4,466 3,958 1,836 2,134 631 23,250 12,234	4,703 4,520 1,785 2,184 698 23,638 11,994	5,013 4,901 1,854 2,266 752 24,718 12,339	100,538 5,282 5,345 1,574 2,296 795 25,822 12,810	103,060 5,542 5,454 1,757 2,366 856 26,548 12,939	
Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business. Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments'	2,625 2,038 1,436 1,388 565 15,587 9,132 454	72,956 2,758 2,248 1,502 1,471 562 16,575 9,732 453	79,774 2,986 2,534 1,563 1,593 584 17,905 10,486 468	81,018 3,263 2,848 1,555 1,742 511 19,189 11,145 476	3,587 2,927 1,623 1,900 477 19,621 10,861 514	3,900 3,268 1,696 2,028 493 20,669 11,219 531	4,189 3,624 1,735 2,080 535 21,958 11,790 518	4,466 3,958 1,836 2,134 631 23,250 12,234 514	4,703 4,520 1,785 2,184 698 23,638 11,994 480	5,013 4,901 1,854 2,266 752 24,718 12,339 468	100,538 5,282 5,345 1,574 2,296 795 25,822 12,810 473	103,060 5,542 5,454 1,757 2,366 856 26,548 12,939 467	
Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government. State and local governments' Universities and colleges	2,625 2,038 1,436 1,388 565 15,587 9,132	72,956 2,758 2,248 1,502 1,471 562 16,575 9,732	79,774 2,986 2,534 1,563 1,593 584 17,905 10,486	81,018 3,263 2,848 1,555 1,742 511 19,189 11,145	3,587 2,927 1,623 1,900 477 19,621 10,861	3,900 3,268 1,696 2,028 493 20,669 11,219	4,189 3,624 1,735 2,080 535 21,958 11,790	4,466 3,958 1,836 2,134 631 23,250 12,234	4,703 4,520 1,785 2,184 698 23,638 11,994	5,013 4,901 1,854 2,266 752 24,718 12,339	100,538 5,282 5,345 1,574 2,296 795 25,822 12,810	103,060 5,542 5,454 1,757 2,366 856 26,548 12,939	
Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business. Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments!	2,625 2,038 1,436 1,388 565 15,587 9,132 454	72,956 2,758 2,248 1,502 1,471 562 16,575 9,732 453	79,774 2,986 2,534 1,563 1,593 584 17,905 10,486 468	81,018 3,263 2,848 1,555 1,742 511 19,189 11,145 476	3,587 2,927 1,623 1,900 477 19,621 10,861 514	3,900 3,268 1,696 2,028 493 20,669 11,219 531	4,189 3,624 1,735 2,080 535 21,958 11,790 518	4,466 3,958 1,836 2,134 631 23,250 12,234 514	4,703 4,520 1,785 2,184 698 23,638 11,994 480	5,013 4,901 1,854 2,266 752 24,718 12,339 468	100,538 5,282 5,345 1,574 2,296 795 25,822 12,810 473	103,060 5,542 5,454 1,757 2,366 856 26,548 12,939 467	
Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges Federally funded R&D centers:	2,625 2,038 1,436 1,388 565 15,587 9,132 454 4,798 1,202	72,956 2,758 2,248 1,502 1,471 562 16,575 9,732 453 5,055 1,334	79,774 2,986 2,534 1,563 1,593 584 17,905 10,486 468 5,512 1,440	81,018 3,263 2,848 1,555 1,742 511 19,189 11,145 476 6,038 1,530	3,587 2,927 1,623 1,900 477 19,621 10,861 514 6,640 1,606	3,900 3,268 1,696 2,028 493 20,669 11,219 531 7,271 1,648	4,189 3,624 1,735 2,080 535 21,958 11,790 518 7,961 1,689	4,466 3,958 1,836 2,134 631 23,250 12,234 514 8,741 1,761	4,703 4,520 1,785 2,184 698 23,638 11,994 480 9,342 1,822	5,013 4,901 1,854 2,266 752 24,718 12,339 468 10,050 1,860	100,538 5,282 5,345 1,574 2,296 795 25,822 12,810 473 10,681	103,060 5,542 5,454 1,757 2,366 856 26,548 12,939 467 11,311 1,830	20
Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business. Universities and colleges Other nonprofit institutions serving households Public Federal government. State and local governments! Universities and colleges. Federally funded R&D centers: Universities and colleges.	2,625 2,038 1,436 1,388 565 15,587 9,132 454 4,798 1,202	72,956 2,758 2,248 1,502 1,471 562 16,575 9,732 453 5,055 1,334	79,774 2,986 2,534 1,563 1,593 584 17,905 10,486 468 5,512 1,440	81,018 3,263 2,848 1,555 1,742 511 19,189 11,145 476 6,038 1,530	3,587 2,927 1,623 1,900 477 19,621 10,861 514 6,640 1,606	3,900 3,268 1,696 2,028 493 20,669 11,219 531 7,271 1,648	4,189 3,624 1,735 2,080 535 21,958 11,7961 1,689	4,466 3,958 1,836 2,134 631 23,250 12,234 8,741 1,761	4,703 4,520 1,785 2,184 698 23,638 11,994 480 9,342 1,822	5,013 4,901 1,854 2,266 752 24,718 12,339 468 10,050 1,860	100,538 5,282 5,345 1,574 2,296 795 25,822 12,810 473 10,681 1,859	103,060 5,542 5,454 1,757 2,366 856 26,548 12,939 467 11,311 1,830	20
Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments! Universities and colleges. Federally funded R&D centers: Universities and colleges.	2,625 2,038 1,436 1,388 565 15,587 9,132 454 4,798 1,202	72,956 2,758 2,248 1,502 1,471 562 16,575 9,732 453 5,055 1,334	79,774 2,986 2,534 1,563 1,593 584 17,905 10,486 4,68 5,512 1,440	81,018 3,263 2,848 1,555 1,742 511 19,189 11,145 476 6,038 1,530	3,587 2,927 1,623 1,900 477 19,621 10,861 514 6,640 1,606	3,900 3,268 1,696 2,028 493 20,669 11,219 531 7,271 1,648 2000 277,777	4,189 3,624 1,735 2,080 535 21,958 11,790 518 7,961 1,689 2001 296,402	4,466 3,958 1,836 2,134 631 23,250 12,234 514 8,741 1,761 2002 299,492	4,703 4,520 1,785 2,184 698 23,638 11,994 480 9,342 1,822 2003 315,237	5,013 4,901 1,854 2,266 7,718 12,339 468 10,050 1,860 2004 329,628	100,538 5,282 5,345 1,574 2,296 795 25,822 12,810 473 10,681 1,859 2005	103,060 5,542 5,454 1,757 2,366 856 26,548 12,939 467 11,311 1,830 2006 370,440	40
Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public. Federal government State and local governments! Universities and colleges Federally funded R&D centers: Universities and colleges Only funded R&D centers: Universities and colleges Datal R&D performance Private	2,625 2,038 1,436 1,388 565 15,587 9,132 454 4,798 1,202	72,956 2,758 2,248 1,502 1,471 562 16,575 9,732 453 5,055 1,334	79,774 2,986 2,534 1,563 1,593 584 17,905 10,486 468 5,512 1,440	81,018 3,263 2,848 1,555 1,742 511 19,189 11,145 476 6,038 1,530	3,587 2,927 1,623 1,900 477 19,621 10,861 514 6,640 1,606	3,900 3,268 1,696 2,028 493 20,669 11,219 531 7,271 1,648 2000 277,777 235,080	4,189 3,624 1,735 2,080 535 21,958 11,790 518 7,961 1,689	4,466 3,958 1,836 2,134 631 23,250 12,234 514 8,741 1,761 2002 299,492 245,971	4,703 4,520 1,785 2,184 698 23,638 11,994 480 9,342 1,822 2003 315,237 257,096	5,013 4,901 1,854 2,266 752 24,718 12,339 468 10,050 1,860 2004 329,628 269,612	100,538 5,282 5,345 1,574 2,296 795 25,822 12,810 4,73 10,681 1,859 2005 347,818 285,578	103,060 5,542 5,454 1,757 2,366 856 26,548 12,939 467 11,311 1,830 2006 370,440 306,858	40
Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public. Federal government State and focal governments! Universities and colleges. Federally funded R&D centers: Universities and colleges. Detail R&D performance. Private Business.	2,625 2,038 1,436 1,388 565 15,587 9,132 454 4,798 1,202 1995 160,631 132,892 116,022	72,956 2,758 2,248 1,502 1,471 562 16,575 9,732 453 5,055 1,334	79,774 2,986 2,534 1,563 1,593 584 17,905 10,486 468 5,512 1,440 1997 202,570 170,479 151,289	81,018 3,263 2,848 1,555 1,742 511 19,189 11,145 476 6,038 1,530 1998 225,077 190,225 169,372	3,587 2,927 1,623 1,900 477 19,621 10,861 514 6,640 1,606	3,900 3,268 1,696 2,028 493 20,669 11,219 531 7,271 1,648 2000 277,777 235,080 209,555	4,189 3,624 1,735 2,080 5,080 5,1958 11,790 518 7,961 1,689 2001 296,402 248,007 219,228	4,466 3,958 1,836 2,134 631 23,250 12,234 514 8,741 1,761 2002 299,492 245,971 214,123	4,703 4,520 1,785 2,184 698 23,638 11,994 480 9,342 1,822 2003 315,237 257,096 222,607	5,013 4,901 1,854 2,266 24,718 12,339 468 10,050 1,860 2004 329,628 269,612 233,309	100,538 5,282 5,345 1,574 2,296 795 25,822 12,810 10,681 1,859 2005 347,818 285,578 248,032	103,060 5,542 5,454 1,757 2,366 856 26,548 12,939 467 11,311 1,830 2006 370,440 306,858 269,023	40 33 29
Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges. Other nonprofit institutions serving households Public. Federal government State and local governments! Universities and colleges. Federally funded R&D centers: Universities and colleges otal R&D performance. Private Business Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers:	2,625 2,038 1,436 1,388 565 15,587 9,132 454 4,798 1,202	72,956 2,758 2,248 1,502 1,471 562 16,575 9,732 453 5,055 1,334 1996 180,597 150,952 133,010	79,774 2,986 2,534 1,563 1,593 584 17,905 10,486 468 5,512 1,440	81,018 3,263 2,848 1,555 1,742 511 19,189 11,145 476 6,038 1,530 1998 225,077 190,225 169,372 7,669 7,375	3,587 2,927 1,623 1,900 477 19,621 10,861 514 6,640 1,606	3,900 3,268 1,696 2,028 493 20,669 11,219 531 7,271 1,648 2000 277,777 255,080 209,555 9,266 9,384	4,189 3,624 1,735 2,080 535 21,958 11,790 518 7,961 1,689	4,466 3,958 1,836 2,134 631 23,250 12,234 8,741 1,761 2002 299,492 245,971 214,123 11,466 12,285	4,703 4,520 1,785 2,184 698 23,638 11,994 480 9,342 1,822 2003 315,237 257,096	5,013 4,901 1,854 2,266 752 24,718 12,339 468 10,050 1,860 2004 329,628 269,612	100,538 5,282 5,345 1,574 2,296 795 25,822 12,810 4,73 10,681 1,859 2005 347,818 285,578	103,060 5,542 5,454 1,757 2,366 856 26,548 12,939 467 11,311 1,830 2006 370,440 306,858	40 33 29
Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments! Universities and colleges Federally funded R&D centers: Universities and colleges. potal R&D performance. Private Business. Other nonprofit institutions serving households Federally funded R&D centers: Business.	2,625 2,038 1,436 1,388 565 15,587 9,132 454 4,798 1,202 1995 160,631 132,892 116,022 5,904 1,602 5,675	72,956 2,758 2,248 1,502 1,471 562 16,575 9,732 453 5,055 1,334 1996 180,597 150,952 133,010 6,385 5,978 1,974	79,774 2,986 2,534 1,563 1,593 584 17,905 10,486 468 5,512 1,440 1997 202,570 170,479 151,289 6,936 6,505	81,018 3.263 2.848 1,555 1,742 511 19,189 11,145 476 6,038 1,530 1998 225,077 190,225 169,372 7,669 7,375	3,587 2,927 1,623 1,900 477 19,621 10,861 514 6,640 1,606 1999 251,509 213,444 190,677 8,442 8,011 1,921	3,900 3,268 1,666 2,028 493 20,669 11,219 531 7,271 1,648 2000 277,777 235,080 209,555 9,266 9,384 1,957	4,189 3,624 1,735 2,080 535 21,958 11,790 518 7,961 1,689 2001 296,402 248,007 219,284 10,354 10,954 2,076	4,466 3,958 1,836 2,134 631 23,250 12,234 514 8,741 1,761 2002 299,492 245,971 214,123 11,466 12,285 2,333	4,703 4,520 1,785 2,184 698 23,638 11,994 480 9,342 1,822 2003 315,237 257,096 222,607 12,733 13,105 2,569	5,013 4,901 1,854 2,266 752 24,718 12,339 10,050 1,860 2004 329,628 269,612 233,309 13,807 13,366 2,658	100,538 5,282 5,345 1,574 2,296 795 25,822 12,810 473 10,681 1,859 2005 347,818 285,578 248,032 14,333 13,904 2,670	103,060 5,542 5,454 1,757 2,366 856 26,548 12,939 467 11,311 1,830 2006 370,440 306,858 269,023 14,700 13,713 2,667	40 33 29 1
Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public. Federal government State and local governments! Universities and colleges. Federally funded R&D centers: Universities and colleges. Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Universities and colleges Universities and colleges Universities and colleges Universities and colleges Universities and colleges Universities and colleges Universities and colleges Universities and colleges Universities and colleges Universities and colleges Universities and colleges Universities and colleges	1,436 1,388 565 15,587 9,132 454 4,798 1,202 1995 160,631 132,892 116,022 5,904 5,675 1,860 2,465	72,956 2,758 2,248 1,502 1,471 562 16,575 9,732 453 5,055 1,334 1996 180,597 150,952 133,010 6,385 5,978 1,974 2,571	79,774 2,986 2,534 1,563 1,593 584 17,905 10,486 5,512 1,440 1997 202,570 170,479 151,289 6,936 6,936 6,936 1,926 2,723	81,018 3,263 2,848 1,555 1,742 511 19,189 11,145 476 6,038 1,530 1998 225,077 190,225 169,372 7,669 7,375 1,971 2,768	3,587 2,927 1,623 1,900 477 19,621 10,861 514 6,640 1,606 1999 251,509 273,444 190,677 8,442 8,011 1,921 2,848	3,900 3,268 1,696 2,028 493 20,669 11,219 531 7,271 1,648 2000 277,777 235,080 209,555 9,266 9,384 1,957 2,949	4,189 3,624 1,735 2,080 535 21,958 11,7961 1,689 2001 296,402 248,007 219,228 10,354 10,954 2,076 3,227	4,466 3,958 1,836 21,134 631 23,250 12,234 514 8,741 1,761 2002 299,492 245,971 214,123 11,466 12,285 2,333 3,440	4,703 4,520 1,785 2,184 698 23,638 11,994 480 9,342 1,822 2003 315,237 257,096 222,607 12,733 13,105 2,569 3,565	5,013 4,901 1,854 2,266 752 24,718 12,339 468 10,050 1,860 2004 329,628 269,612 233,309 13,807 13,366 2,658 3,800	100,538 5,285 5,345 1,574 2,296 795 25,822 12,810 473 10,681 1,859 2005 347,818 248,032 14,333 13,904 2,670 3,819	103,060 5,542 5,454 1,757 2,366 856 26,548 12,939 467 11,311 1,830 2006 370,440 306,858 269,023 14,700 13,713 2,667 3,843	40 33 29 1
Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public. Federal government State and local governments! Universities and colleges Federally funded R&D centers: Universities and colleges btal R&D performance. Private Business Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business Other nonprofit institutions serving households Federally funded R&D centers: Business.	2,625 2,038 1,436 1,388 565 15,587 9,132 454 4,798 1,202 1995 160,631 132,892 116,022 5,904 5,675 1,860 2,465 966	72,956 2,758 2,248 1,502 1,471 562 16,575 9,732 453 5,055 1,334 1996 180,597 150,952 133,010 6,385 5,978 1,974 2,571 1,035	79,774 2,986 2,534 1,563 1,593 584 17,905 10,486 468 5,512 1,440 1997 202,570 170,479 151,289 6,936 6,505 1,926 2,723 1,100	81,018 3.263 2.848 1,555 1,742 511 19,189 11,145 476 6,038 1,530 1998 225,077 190,225 169,372 7,669 7,375	3,587 2,927 1,623 1,900 477 19,621 10,861 514 6,640 1,606 1999 251,509 213,444 190,677 8,442 8,011 1,921	3,900 3,268 1,666 2,028 493 20,669 11,219 531 7,271 1,648 2000 277,777 235,080 209,555 9,266 9,384 1,957	4,189 3,624 1,735 2,080 535 21,958 11,790 518 7,961 1,689 2001 296,402 248,007 219,284 10,354 10,954 2,076	4,466 3,958 1,836 21,34 631 23,250 12,234 8,741 1,761 2002 299,492 245,971 214,123 11,466 12,285 2,333 3,430 2,323	4,703 4,520 1,785 2,184 698 23,638 11,994 480 9,342 1,822 2003 315,237 257,096 222,607 12,733 13,105 2,569	5,013 4,901 1,854 2,266 752 24,718 12,339 10,050 1,860 2004 329,628 269,612 233,309 13,807 13,366 2,658	100,538 5,282 5,345 1,574 2,296 795 25,822 12,810 473 10,681 1,859 2005 347,818 285,578 248,032 14,333 13,904 2,670	103,060 5,542 5,454 1,757 2,366 856 26,548 12,939 467 11,311 1,830 2006 370,440 306,858 269,023 14,700 13,713 2,667	40 33 29
Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges. Other nonprofit institutions serving households Public. Federal government State and local governments! Universities and colleges. Federally funded R&D centers: Universities and colleges. Private Business. Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business. Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business. Universities and colleges. Other nonprofit institutions serving households	2,625 2,038 1,436 1,388 565 15,587 9,132 454 4,798 1,202 1995 160,631 132,892 116,022 1,860 2,465 2,466 2,7739	72,956 2,758 2,248 1,502 1,471 562 16,575 9,732 453 5,055 1,334 1996 180,597 150,952 133,010 6,385 5,978 1,974 2,571 1,035 29,645	79,774 2,986 2,534 1,563 1,593 584 17,905 10,486 468 5,512 1,440 1997 202,570 170,479 151,289 6,505 1,926 2,723 1,100 32,091	81,018 3,263 2,848 1,555 1,742 511 19,189 11,145 476 6,038 1,530 1998 225,077 190,225 169,372 7,669 7,375 1,971 2,768 1,069 34,852	3,587 2,927 1,623 1,900 477 19,621 10,861 5,14 6,640 1,606 1999 251,509 213,444 190,677 8,442 8,011 1,921 2,848 1,921 2,848 3,8065	3,900 3,268 1,696 2,028 493 20,669 11,219 531 7,271 1,648 2000 277,777 235,080 209,555 9,266 9,384 1,957 2,949 42,697	4,189 3,624 1,735 2,080 535 21,958 11,790 518 7,961 1,689 2001 296,402 248,007 219,228 10,354 10,954 2,076 3,227 2,178 2,178 4,8395	4,466 3,958 1,836 2,134 631 23,250 12,234 514 8,741 1,761 2002 299,492 245,971 214,123 11,466 12,285 2,333 3,440 2,332 3,53522	4,703 4,520 1,785 2,184 698 23,638 11,994 4,9342 1,822 2003 315,237 257,096 222,607 12,733 13,105 2,569 3,565 3,565 5,517 58,141	5,013 4,901 1,854 2,266 752 24,718 12,339 10,050 1,860 2004 329,628 269,612 233,307 13,366 2,658 3,800 2,658 3,800 1,6016	100,538 5,282 5,345 1,574 2,296 795 25,822 12,810 473 10,681 1,859 2005 347,818 285,578 248,032 14,333 13,904 2,670 3,819 2,821 162,240	103,060 5,542 5,454 1,757 2,366 856 26,548 12,939 467 11,311 1,830 2006 370,440 306,858 269,023 14,700 13,713 2,667 3,843 2,843 3,843 2,843 3,843 3,581	40 33 29 1
Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business. Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges. Federally funded R&D centers: Universities and colleges total R&D performance Private Business. Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business. Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business. Universities and colleges Other nonprofit institutions serving households Public Federal government	1,436 1,388 565 15,587 9,132 454 4,798 1,202 1995 160,631 132,892 116,022 5,904 5,675 1,860 2,465 966 27,739 13,188	72,956 2,758 2,248 1,502 1,471 562 16,575 9,732 453 5,055 1,334 1996 180,597 150,952 133,010 6,385 5,978 1,974 2,571 1,035 29,645 13,794	79,774 2,986 2,534 1,563 1,593 584 17,905 10,486 468 5,512 1,440 1997 202,570 170,479 151,289 6,936 6,505 1,926 2,723 1,100 32,091 14,769	81,018 3,263 2,848 1,555 1,742 511 19,189 11,145 476 6,038 1,530 1998 225,077 190,225 169,372 7,669 7,375 1,971 2,768 1,069 34,852 15,545	3,587 2,927 1,623 1,900 477 19,621 10,861 514 6,640 1,606 1999 251,509 251,509 273,444 190,677 8,412 8,011 1,921 2,848 1,546 38,065 16,577	3,900 3,268 1,666 2,028 493 20,669 11,219 1,648 2000 277,777 235,080 209,555 9,266 9,384 1,957 2,949 1,969 42,697 18,857	4,189 3,624 1,735 2,080 535 21,958 11,7961 1,689 2001 296,402 248,007 219,228 10,354 10,954 2,076 3,227 2,168 48,395 21,455	4,466 3,958 1,836 631 23,250 12,234 514 8,741 1,761 2002 299,492 245,971 214,123 11,466 12,285 2,333 3,440 2,323 53,522 23,384	4,703 4,520 1,785 2,184 698 23,638 11,994 480 9,342 1,822 2003 315,237 227,096 222,607 12,733 13,105 2,569 3,565 2,517 58,141 25,418	5,013 4,901 1,854 2,266 752 24,718 12,339 468 10,050 1,860 2004 329,628 269,612 233,309 13,807 13,366 2,658 3,800 2,671 60,016 25,473	100,538 5,282 5,345 1,574 2,296 795 25,822 12,810 473 10,681 1,859 2005 347,818 285,578 248,032 14,333 13,904 2,670 3,819 2,821 62,249 62,649	103,060 5,542 5,454 1,757 2,366 856 26,548 12,939 467 11,311 1,830 2006 370,440 306,858 269,023 14,700 13,713 2,667 3,843 2,913 63,581 26,744	4(33 29
Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and focal governments! Universities and colleges. Federally funded R&D centers: Universities and colleges Universities and colleges Detail R&D performance. Private Business Universities and colleges.	1,436 1,436 1,438 565 15,587 9,132 454 4,798 1,202 1995 160,631 132,892 116,022 5,904 5,675 1,860 2,465 966 27,739 13,188 455	72,956 2,758 2,248 1,502 1,471 562 16,575 9,732 453 5,055 1,334 1996 180,597 150,952 133,010 6,385 5,978 1,974 2,571 1,035 29,645 13,744 446	79,774 2,986 2,534 1,563 1,593 584 17,905 10,486 468 5,512 1,440 1997 202,570 170,479 151,289 6,936 6,505 1,926 2,723 1,100 32,091 14,769	81,018 3,263 2,848 1,555 1,742 5111 19,189 11,145 476 6,038 1,530 1998 225,077 190,225 169,375 1,971 2,7669 7,375 1,971 2,7669 34,852 15,546	3,587 2,927 1,623 1,900 477 19,621 10,861 1,606 1,606 1999 251,509 213,444 190,677 8,442 8,011 1,921 2,848 1,546 38,065 16,577 506	3,900 3,268 1,696 2,028 493 20,669 11,219 7,271 1,648 2000 277,777 235,080 209,555 9,266 9,384 1,957 2,949 1,969 42,697 18,857 516	4,189 3,624 1,735 2,080 535 21,958 11,7961 1,689 2001 296,402 248,007 219,228 10,354 10,954 2,076 3,227 2,168 48,395 21,455 543	4,466 3,958 1,836 21,34 631 23,250 12,234 8,741 1,761 2002 299,492 245,971 214,123 11,466 12,285 2,333 3,440 2,323 53,522 23,384 547	4,703 4,520 1,785 2,184 698 23,638 11,994 480 9,342 1,822 2003 315,237 257,096 222,607 12,733 13,105 2,569 3,565 2,517 58,141 25,418 592	5,013 4,901 1,854 2,264 752 2 24,718 12,339 10,050 1,860 2004 329,628 269,612 233,309 13,807 13,366 2,658 3,800 2,671 60,016 25,473 629	100,538 5,282 5,345 1,574 2,296 795 25,822 12,810 473 10,881 2005 347,818 285,578 248,032 14,333 13,904 2,670 3,812 60,493 60,1	103,060 5,542 5,454 1,757 2,366 856 26,548 12,939 467 11,311 1,830 2006 370,440 306,858 269,023 14,700 13,713 2,667 3,818 2,913 6,038 6,044 6,04	40 33 29 1
Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public. Federal government State and local governments! Universities and colleges Federally funded R&D centers: Universities and colleges. Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business. Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business. Universities and colleges. Other nonprofit institutions serving households Public. Federal government State and local governments' Universities and colleges.	1,436 1,388 565 15,587 9,132 454 4,798 1,202 1995 160,631 132,892 116,022 5,904 5,675 1,860 2,465 966 27,739 13,188	72,956 2,758 2,248 1,502 1,471 562 16,575 9,732 453 5,055 1,334 1996 180,597 150,952 133,010 6,385 5,978 1,974 2,571 1,035 29,645 13,794	79,774 2,986 2,534 1,563 1,593 584 17,905 10,486 468 5,512 1,440 1997 202,570 170,479 151,289 6,936 6,505 1,926 2,723 1,100 32,091 14,769	81,018 3,263 2,848 1,555 1,742 511 19,189 11,145 476 6,038 1,530 1998 225,077 190,225 169,372 7,669 7,375 1,971 2,768 1,069 34,852 15,545	3,587 2,927 1,623 1,900 477 19,621 10,861 514 6,640 1,606 1999 251,509 251,509 273,444 190,677 8,412 8,011 1,921 2,848 1,546 38,065 16,577	3,900 3,268 1,666 2,028 493 20,669 11,219 1,648 2000 277,777 235,080 209,555 9,266 9,384 1,957 2,949 1,969 42,697 18,857	4,189 3,624 1,735 2,080 535 21,958 11,7961 1,689 2001 296,402 248,007 219,228 10,354 10,954 2,076 3,227 2,168 48,395 21,455	4,466 3,958 1,836 631 23,250 12,234 514 8,741 1,761 2002 299,492 245,971 214,123 11,466 12,285 2,333 3,440 2,323 53,522 23,384	4,703 4,520 1,785 2,184 698 23,638 11,994 480 9,342 1,822 2003 315,237 227,096 222,607 12,733 13,105 2,569 3,565 2,517 58,141 25,418	5,013 4,901 1,854 2,266 752 24,718 12,339 468 10,050 1,860 2004 329,628 269,612 233,309 13,807 13,366 2,658 3,800 2,671 60,016 25,473	100,538 5,282 5,345 1,574 2,296 795 25,822 12,810 473 10,681 1,859 2005 347,818 285,578 248,032 14,333 13,904 2,670 3,819 2,821 62,249 62,649	103,060 5,542 5,454 1,757 2,366 856 26,548 12,939 467 11,311 1,830 2006 370,440 306,858 269,023 14,700 13,713 2,667 3,843 2,913 63,581 26,744	40 33 29 1
Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public. Federal government State and local governments' Universities and colleges. Federally funded R&D centers: Universities and colleges. Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges. Universities and colleges. Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government. State and local governments'	1,436 1,436 1,438 565 15,587 9,132 454 4,798 1,202 1995 160,631 132,892 116,022 5,904 5,675 1,860 2,465 966 27,739 13,188 455	72,956 2,758 2,248 1,502 1,471 562 16,575 9,732 453 5,055 1,334 1996 180,597 150,952 133,010 6,385 5,978 1,974 2,571 1,035 29,645 13,744 446	79,774 2,986 2,534 1,563 1,593 584 17,905 10,486 468 5,512 1,440 1997 202,570 170,479 151,289 6,936 6,505 1,926 2,723 1,100 32,091 14,769	81,018 3,263 2,848 1,555 1,742 5111 19,189 11,145 476 6,038 1,530 1998 225,077 190,225 169,375 1,971 2,7669 7,375 1,971 2,7669 34,852 15,546	3,587 2,927 1,623 1,900 477 19,621 10,861 1,606 1,606 1999 251,509 213,444 190,677 8,442 8,011 1,921 2,848 1,546 38,065 16,577 506	3,900 3,268 1,696 2,028 493 20,669 11,219 7,271 1,648 2000 277,777 235,080 209,555 9,266 9,384 1,957 2,949 1,969 42,697 18,857 516	4,189 3,624 1,735 2,080 535 21,958 11,7961 1,689 2001 296,402 248,007 219,228 10,354 10,954 2,076 3,227 2,168 48,395 21,455 543	4,466 3,958 1,836 21,34 631 23,250 12,234 8,741 1,761 2002 299,492 245,971 214,123 11,466 12,285 2,333 3,440 2,323 53,522 23,384 547	4,703 4,520 1,785 2,184 698 23,638 11,994 480 9,342 1,822 2003 315,237 257,096 222,607 12,733 13,105 2,569 3,565 2,517 58,141 25,418 592	5,013 4,901 1,854 2,264 752 2 24,718 12,339 10,050 1,860 2004 329,628 269,612 233,309 13,807 13,366 2,658 3,800 2,671 60,016 25,473 629	100,538 5,282 5,345 1,574 2,296 795 25,822 12,810 473 10,881 2005 347,818 285,578 248,032 14,333 13,904 2,670 3,812 60,493 60,1	103,060 5,542 5,454 1,757 2,366 856 26,548 12,939 467 11,311 1,830 2006 370,440 306,858 269,023 14,700 13,713 2,667 3,818 2,913 6,038 6,044 6,04	40

Excludes universities and colleges.
 None. Implemented using the aggregate output price index.
 R&D Research and development.

Table 4.1. Aggregate Input Price Indexes for R&D Investment, 1959–2007

[Index numbers, 2005=100]

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	
otal R&D investment	16.2	16.2	16.6	16.8	17.1	17.6	18.1	18.7	19.4	20.3	21.4	22.6	
Federal extramural	21.1	21.2	21.4	22.3	21.1	21.7	22.2	22.5	23.6	24.6	26.0	27.4	
Federal intramural	9.9	9.2	10.0	10.0	11.0	11.8	12.8	13.6	14.3	15.4	16.5	18.0	
Nonfederal domestic	15.0	15.4	15.6	15.2	17.1	17.0	17.4	18.4	18.6	19.4	20.2	21.3	
tal R&D performance	16.2	16.2	16.6	16.8	17.1	17.6	18.1	18.7	19.4	20.3	21.4	22.6	
Private	17.9	18.1	18.3	18.6	18.7	19.0	19.4	20.0	20.6	21.5	22.6	23.8	
Business	18.3	18.5	18.7	19.0	19.2	19.5	19.9	20.4	21.1	21.9	23.0	24.2 18.2	
Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers:	11.6 14.1	11.8 1 4.2	12.1 14.2	12.5 14.4	12.9 14.6	13.4 15.0	13.9 15.3	14.6 16.0	15.4 16.4	16.3 17.1	17.2 17.7	18.3	
Business	18.1	17.9	17.9	18.5	17.5	18.0	18.6	19.3	20.2	21.1	22.5	23.9	
Universities and colleges	22.4	22.0	21.8	22.5	21.3	22.0	22.5	23.1	24.1	25.1	26.6	28.0	
Other nonprofit institutions serving households	22.2	22.7	23.2	24.4	23.1	23.8	24.2	24.2	25.4	26.4	27.9	29.3	
Public	10.6	10.0	10.8	10.8	11.6	12.4	13.2	14.0	14.8	15.8	16.9	18.2 18.0	
Federal government State and local governments	9.9 15.4	9.2 15.5	10.0 15.5	10.0 15.7	11.0 15.9	11.8 16.3	12.8 16.7	13.6 17.3	14.3 17.8	15.4 18.5	16.5 19.2	19.9	
Universities and colleges	11.3	11.4	11.8	12.2	12.6	13.0	13.6	14.3	15.1	16.0	16.9	17.9	
Federally funded R&D centers:												00.0	
Universities and colleges	18.4	18.0	17.8	18.3	17,3	17.8	18.4	19.2	20.1	21.0	22.4	23.8	
	4074	4070	4070	1074	1075	1070	4077	4070	1070	4000	1001	1000	
	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	
vtal R&D investment	23.9 29.0	25.2 31.3	26.6 32.8	29.0 35.5	31.8 38.8	33.7 40.6	36.0 42.9	38.4 45.4	41.6 48.3	45.5 52.5	49.8 56.5	52.9 60.4	
Federal intramural	19.9	21.6	23.1	24.8	27.5	29.4	32.1	34.0	36.4	40.0	43.5	46.2	
Nonfederal domestic	22.2	22.4	23.8	26.3	28.7	30.7	32.8	35.4	38.9	42.8	47.4	50.1	
otal R&D performance	23.9	25.2	26.6	29.0	31.8	33.7	36.0	38.4	41.6	45.5	49.8	52.9	
Private	25.0	26.1	27.5	30.1	32.9	34.8	37.0	39.6	42.9	46.9	51.3	54.5	
Business	25.5	26.6	28.0	30.6	33.5	35.4	37.6	40.3	43.6	47.6	52.1	55.2	
Universities and colleges	19.1	19.9	21.2	23.1	25.0	26.51	28.1	30.1	32.8	36.3	39.7	42.5	
Other nonprofit institutions serving households Federally funded R&D centers:	19.0	19.6	20.7	23.7	26.1	27.8	29.7	31.9	35.2	39 .7	43.9	46.0	
Business	25.3	27.0	28.5	30.8	34.4	36.1	38.7	41.3	44.6	49.3	54.1	58.4	
Universities and colleges Other nonprofit institutions serving households	29.6 31.0	31.7 33.3	33.2 34.8	35.9 37.6	39.5 41.2	41.2 43.1	43.7 45.5	46.3 48.2	49. 6 51.4	54.2 55.7	58.6 59.9	62.7 63.7	
Public	1 1		22.7	24.6							43.1	45.9	
Federal government	19.8 19.9	21.3 21.6	23.1	24.6	27.0 27.5	28.8 29.4	31.2 32.1	33.2 34.0	35.9 36.4	39.5 40.0	43.1	45.9 46.2	
State and local governments ¹	20.6	21.3	22.5	25.7	28.3	30.2	32.2	34.5	38.0	42.7	47.2	49.5	
Universities and colleges	18.9	19.8	21.0	23.0	24.9	26.4	28.1	30.2	32.9	36.4	39.7	42.4	
Federally funded R&D centers:	05.0	00.0	00.4		24.0	00.0	00.0	44.0	44.0	40.5	545	F0.0	
Universities and colleges	25.2	26.9	28.4	30.8	34.3	36.0	38.6	41.2	44.6	49.5	54.5	58.9	
	1000					1000	1000					1001	
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	
	55.0	57.1	58.9	60.4	62.3	64.5	67.0	69.2	71.2	73.1	74.8	76.2	
Federal extramural	55.0 63.0	57.1 65.2	58.9 66.8	60.4 68.3	62.3 69.0	64.5 69.7	67.0 71.6	69.2 73.5	71.2 75.1	73.1 77.0	74.8 78.0	76.2 79.2	
Federal extramuralFederal intramural	55.0 63.0 47.9	57.1 65.2 49.5	58.9 66.8 51.1	60.4 68.3 52.7	62.3 69.0 54.5	64.5 69.7 56.7	67.0 71.6 58.3	69.2 73.5 61.0	71.2 75.1 63.5	73.1 77.0 65.1	74.8 78.0 67.4	76.2 79.2 69.9	
Federal extramural	55.0 63.0 47.9 52.0	57.1 65.2 49.5 54.2	58.9 66.8 51.1 56.1	60.4 68.3 52.7 57.7	62.3 69.0 54.5 60.2	64.5 69.7 56.7 63.4	67.0 71.6 58.3 66.4	69.2 73.5 61.0 68.7	71.2 75.1 63.5 70.9	73.1 77.0 65.1 72.8	74.8 78.0 67.4 74.8	76.2 79.2 69.9 76.1	
Federal extramural Federal intramural Nonfederal domestic otal R&D performance	55.0 63.0 47.9 52.0 55.0	57.1 65.2 49.5 54.2 57.1	58.9 66.8 51.1 56.1 58.9	60.4 68.3 52.7 57.7 60.4	62.3 69.0 54.5 60.2 62.2	64.5 69.7 56.7 63.4 64.5	67.0 71.6 58.3 66.4 67.0	69.2 73.5 61.0 68.7 69.2	71.2 75.1 63.5 70.9 71.2	73.1 77.0 65.1 72.8 73.1	74.8 78.0 67.4 74.8 74.8	76.2 79.2 69.9 76.1 76.2	
Federal extramural Federal intramural Nonfederal domestic otal R&D performance Private	55.0 63.0 47.9 52.0 55.0 56.6	57.1 65.2 49.5 54.2 57.1 58.8	58.9 66.8 51.1 56.1 58.9 60.6	60.4 68.3 52.7 57.7 60.4 62.0	62.3 69.0 54.5 60.2 62.2 63.8	64.5 69.7 56.7 63.4 64.5 66.0	67.0 71.6 58.3 66.4 67.0 68.6	69.2 73.5 61.0 68.7 69.2 70.7	71.2 75.1 63.5 70.9 71.2 72.6	73.1 77.0 65.1 72.8 73.1 74.5	74.8 78.0 67.4 74.8 74.8	76.2 79.2 69.9 76.1 76.2 77.3	
Federal extramural Federal intramural Nonfederal domestic otal R&D performance Private Business	55.0 63.0 47.9 52.0 55.0 56.6 57.4	57.1 65.2 49.5 54.2 57.1 58.8 59.6	58.9 66.8 51.1 56.1 58.9 60.6 61.4	60.4 68.3 52.7 57.7 60.4 62.0 62.7	62.3 69.0 54.5 60.2 62.2 63.8 64.6	64.5 69.7 56.7 63.4 64.5 66.0 66.8	67.0 71.6 58.3 66.4 67.0 68.6 69.4	69.2 73.5 61.0 68.7 69.2 70.7 71.4	71.2 75.1 63.5 70.9 71.2 72.6 73.3	73.1 77.0 65.1 72.8 73.1 74.5 75.2	74.8 78.0 67.4 74.8 74.8 76.1 76.9	76.2 79.2 69.9 76.1 76.2 77.3 78.0	
Federal extramural Federal intramural Nonfederal domestic Otal R&D performance Private Business Universities and colleges	55.0 63.0 47.9 52.0 55.0 56.6 57.4 44.6	57.1 65.2 49.5 54.2 57.1 58.8 59.6 47.0	58.9 66.8 51.1 56.1 58.9 60.6 61.4 49.4	60.4 68.3 52.7 57.7 60.4 62.0 62.7 51.5	62.3 69.0 54.5 60.2 62.2 63.8 64.6 54.3	64.5 69.7 56.7 63.4 64.5 66.0 66.8 56.7	67.0 71.6 58.3 66.4 67.0 68.6 69.4 59.6	69.2 73.5 61.0 68.7 69.2 70.7 71.4 62.4	71.2 75.1 63.5 70.9 71.2 72.6 73.3 64.7	73.1 77.0 65.1 72.8 73.1 74.5 75.2 66.8	74.8 78.0 67.4 74.8 74.8 76.1 76.9 68.8	76.2 79.2 69.9 76.1 76.2 77.3 78.0 71.0	
Federal extramural Federal intramural Nonfederal domestic otal R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers:	55.0 63.0 47.9 52.0 55.0 56.6 57.4 44.6 47.5	57.1 65.2 49.5 54.2 57.1 58.8 647.0 49.3	58.9 66.8 51.1 56.1 58.9 60.6 61.4 49.4 50.4	60.4 68.3 52.7 57.7 60.4 62.0 62.7 51.5 51.9	62.3 69.0 54.5 60.2 62.2 63.8 64.6 54.3 54.0	64.5 69.7 56.7 63.4 64.5 66.0 66.8 56.7 56.9	67.0 71.6 58.3 66.4 67.0 68.6 69.4 59.6 59.0	69.2 73.5 61.0 68.7 69.2 70.7 71.4 62.4 61.2	71.2 75.1 63.5 70.9 71.2 72.6 73.3 64.7 64.0	73.1 77.0 65.1 72.8 73.1 74.5 75.2 66.8 65.9	74.8 78.0 67.4 74.8 74.8 76.1 76.9 68.8 67.2	76.2 79.2 69.9 76.1 76.2 77.3 78.0 71.0 68.6	
Federal extramural Federal intramural Nonfederal domestic Total R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business	55.0 63.0 47.9 52.0 55.0 56.6 57.4 44.6 47.5	57.1 65.2 49.5 54.2 57.1 58.8 59.6 47.0 49.3	58.9 66.8 51.1 56.1 58.9 60.6 61.4 49.4 50.4	60.4 68.3 52.7 57.7 60.4 62.0 62.7 51.5 51.9	62.3 69.0 54.5 60.2 62.2 63.8 64.6 54.3 54.0	64.5 69.7 56.7 63.4 64.5 66.0 66.8 56.7 56.9	67.0 71.6 58.3 66.4 67.0 68.6 69.4 59.6 59.0	69.2 73.5 61.0 68.7 69.2 70.7 71.4 62.4 61.2	71.2 75.1 63.5 70.9 71.2 72.6 73.3 64.7 64.0	73.1 77.0 65.1 72.8 73.1 74.5 75.2 66.8 65.9	74.8 78.0 67.4 74.8 74.8 76.1 76.9 68.8 67.2	76.2 79.2 69.9 76.1 76.2 77.3 78.0 71.0 68.6	
Federal extramural Federal intramural Nonfederal domestic otal R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges	55.0 63.0 47.9 52.0 55.0 56.6 57.4 44.6 47.5 60.9 65.3	57.1 65.2 49.5 54.2 57.1 58.8 59.6 47.0 49.3	58.9 66.8 51.1 56.1 58.9 60.6 61.4 49.4 50.4	60.4 68.3 52.7 57.7 60.4 62.0 62.7 51.5 51.9 66.3 70.5	62.3 69.0 54.5 60.2 62.2 63.8 64.6 54.3 54.0	64.5 69.7 56.7 63.4 64.5 66.0 66.8 56.7 56.9	67.0 71.6 58.3 66.4 67.0 68.6 69.4 59.6 59.0	69.2 73.5 61.0 68.7 69.2 70.7 71.4 62.4 61.2 73.2 75.5	71.2 75.1 63.5 70.9 71.2 72.6 73.3 64.7 64.0 75.1 77.0	73.1 77.0 65.1 72.8 73.1 74.5 75.2 66.8 65.9	74.8 78.0 67.4 74.8 74.8 76.1 76.9 68.8 67.2	76.2 79.2 69.9 76.1 76.2 77.3 78.0 71.0 68.6	
Federal extramural Federal intramural Nonfederal domestic otal R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Other nonprofit institutions serving households	55.0 63.0 47.9 52.0 55.0 56.6 57.4 44.6 47.5 60.9 65.3 66.1	57.1 65.2 49.5 54.2 57.1 58.8 67.4 62.8 67.4 68.2	58.9 66.8 51.1 56.1 58.9 60.6 61.4 49.4 50.4 64.8 69.0 69.5	60.4 68.3 52.7 57.7 60.4 62.0 62.7 51.5 51.9 66.3 70.5 71.0	62.3 69.0 54.5 60.2 62.2 63.8 64.6 54.3 54.0 67.2 71.3 71.7	64.5 69.7 56.7 63.4 64.5 66.0 66.8 56.7 56.9 68.8 71.9 71.8	67.0 71.6 58.3 66.4 67.0 68.6 69.4 59.6 59.0 71.1 73.7 73.3	69.2 73.5 61.0 68.7 69.2 70.7 71.4 62.4 61.2 73.2 75.5 75.1	71.2 75.1 63.5 70.9 71.2 72.6 73.3 64.7 64.0 75.1 77.0 76.5	73.1 77.0 65.1 72.8 73.1 74.5 75.2 66.8 65.9 76.7 78.6 78.4	74.8 78.0 67.4 74.8 74.8 76.1 76.9 68.8 67.2 77.7 79.5 79.3	76.2 79.2 69.9 76.1 76.2 77.3 78.0 71.0 68.6 78.9 80.6	
Federal extramural Federal intramural Nonfederal domestic Total R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public	55.0 63.0 47.9 52.0 55.0 56.6 57.4 44.6 47.5 60.9 65.3 66.1 47.8	57.1 65.2 49.5 54.2 57.1 58.8 59.6 47.0 49.3 62.8 67.8 67.2 49.7	58.9 66.8 51.1 56.1 58.9 60.6 61.4 49.4 50.4 69.0 69.5 51.5	60.4 68.3 52.7 57.7 60.4 62.0 62.7 51.5 51.9 66.3 70.0 53.3	62.3 69.0 54.5 60.2 62.2 63.8 64.6 54.3 54.0 67.2 71.3 71.7 55.3	64.5 69.7 56.7 63.4 64.5 66.0 66.8 56.7 56.9 71.8 71.8	67.0 71.6 58.3 66.4 67.0 68.6 69.4 59.6 59.0 71.1 73.7 73.3 59.7	69.2 73.5 61.0 68.7 69.2 70.7 71.4 62.4 61.2 75.5 75.1 62.4	71.2 75.1 63.5 70.9 71.2 72.6 73.3 64.7 64.0 75.1 77.0 76.5 64.8	73.1 77.0 65.1 72.8 73.1 74.5 75.2 66.8 65.9 76.7 78.6 78.4 66.6	74.8 78.0 67.4 74.8 76.1 76.9 68.8 67.2 77.7 79.5 79.3 68.7	76.2 79.2 69.9 76.1 76.2 77.3 78.0 71.0 68.6 78.9 80.6 80.6 71.0	
Federal extramural Federal intramural Nonfederal domestic fotal R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government	55.0 63.0 47.9 52.0 55.0 56.6 57.4 44.6 47.5 60.9 65.3 66.1 47.8 47.9	57.1 65.2 49.5 54.2 57.1 58.8 59.6 47.0 49.3 62.8 67.4 68.8 49.7 49.7	58.9 66.8 51.1 56.1 58.9 60.6 61.4 49.4 50.4 64.8 69.0 69.5 51.5	60.4 68.3 52.7 57.7 60.4 62.0 62.7 51.5 51.9 66.3 70.5 71.0 53.3 52.7	62.3 69.0 54.5 60.2 62.2 63.8 64.6 54.3 54.0 67.2 71.3 71.7 55.3 54.5	64.5 69.7 56.7 63.4 64.5 66.0 66.8 56.7 56.9 68.8 71.9 71.8 57.5 56.7	67.0 71.6 58.3 66.4 67.0 68.6 69.4 59.6 59.0 71.1 73.7 73.3 59.7 58.3	69.2 73.5 61.0 68.7 69.2 70.7 71.4 62.4 61.2 73.2 75.5 75.1 62.4 61.0	71.2 75.1 63.5 70.9 71.2 72.6 73.3 64.7 64.0 75.1 77.0 76.5 64.8 63.5	73.1 77.0 65.1 72.8 73.1 74.5 75.2 66.8 65.9 76.7 78.6 78.4 66.6 65.1	74.8 78.0 67.4 74.8 74.8 76.1 76.9 68.8 67.2 77.7 79.5 79.3 68.7 67.4	76.2 79.2 69.9 76.1 76.2 77.3 78.0 68.6 71.0 68.6 71.0 68.6 71.0 68.9	
Federal extramural Federal intramural Nonfederal domestic Total R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges	55.0 63.0 47.9 52.0 55.0 56.6 57.4 44.6 47.5 60.9 65.3 66.1 47.8	57.1 65.2 49.5 54.2 57.1 58.8 59.6 47.0 49.3 62.8 67.8 67.2 49.7	58.9 66.8 51.1 56.1 58.9 60.6 61.4 49.4 50.4 69.0 69.5 51.5	60.4 68.3 52.7 57.7 60.4 62.0 62.7 51.5 51.9 66.3 70.0 53.3	62.3 69.0 54.5 60.2 62.2 63.8 64.6 54.3 54.0 67.2 71.3 71.7 55.3	64.5 69.7 56.7 63.4 64.5 66.0 66.8 56.7 56.9 71.8 71.8	67.0 71.6 58.3 66.4 67.0 68.6 69.4 59.6 59.0 71.1 73.7 73.3 59.7	69.2 73.5 61.0 68.7 69.2 70.7 71.4 62.4 61.2 75.5 75.1 62.4	71.2 75.1 63.5 70.9 71.2 72.6 73.3 64.7 64.0 75.1 77.0 76.5 64.8	73.1 77.0 65.1 72.8 73.1 74.5 75.2 66.8 65.9 76.7 78.6 78.4 66.6	74.8 78.0 67.4 74.8 76.1 76.9 68.8 67.2 77.7 79.5 79.3 68.7	76.2 79.2 69.9 76.1 76.2 77.3 78.0 71.0 68.6 78.9 80.6 80.6 71.0	
Federal intramural Nonfederal domestic Total R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges Federally funded R&D centers:	55.0 63.0 47.9 52.0 55.6 56.6 57.4 44.6 47.5 60.9 65.3 66.1 47.8 51.0 44.5	57.1 65.2 49.5 54.2 57.1 58.8 59.6 47.0 49.3 62.8 67.4 68.2 49.5 52.8 46.8	58.9 66.8 51.1 56.1 58.9 60.6 61.4 49.4 50.4 69.0 69.5 51.1 54.0 49.1	60.4 68.3 52.7 57.7 60.4 62.0 62.0 51.5 51.9 66.3 70.5 71.0 53.3 52.7 55.5 51.2	62.3 69.0 54.5 60.2 62.2 63.8 64.6 54.3 54.0 67.2 71.3 71.7 55.3 54.5 54.0	64.5 69.7 63.4 64.5 66.0 66.8 71.9 71.8 57.5 66.3	67.0 71.6 58.3 66.4 67.0 68.6 69.4 59.0 71.1 73.7 73.3 59.7 58.3 62.6 59.2	69.2 73.5 61.0 68.7 69.2 70.7 71.4 62.4 61.2 73.2 75.5 75.1 61.0 64.8 62.1	71.2 75.1 63.5 70.9 71.2 72.6 73.3 64.7 64.0 75.1 77.0 76.5 64.8 63.5 67.4 64.4	73.1 77.0 65.1 72.8 73.1 74.5 75.2 66.8 65.9 76.7 78.6 78.4 66.1 69.0 66.4	74.8 78.0 67.4 74.8 76.9 68.8 67.2 77.7 79.5 79.3 68.7 67.4 68.5	76.2 79.2 69.9 76.1 76.2 77.3 78.0 71.0 68.6 80.6 71.0 69.9 71.8 70.7	
Federal extramural Federal intramural Nonfederal domestic otal R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government. State and local governments' Universities and colleges	55.0 63.0 47.9 52.0 55.0 56.6 57.4 44.6 47.5 60.9 65.3 66.1 47.8 47.9	57.1 65.2 49.5 54.2 57.1 58.8 59.6 47.0 49.3 62.8 67.4 68.2 49.7 49.5 52.8	58.9 66.8 51.1 56.1 58.9 60.6 61.4 49.4 50.4 64.8 69.0 69.5 51.5	60.4 68.3 52.7 57.7 60.4 62.0 62.7 51.5 51.9 66.3 70.5 71.0 53.3 52.7 55.5	62.3 69.0 54.5 60.2 62.2 63.8 64.6 54.3 54.0 67.2 71.3 71.7 55.3 54.5 57.6	64.5 69.7 56.7 63.4 64.5 66.0 66.8 56.7 56.9 71.8 57.5 60.4	67.0 71.6 58.3 66.4 67.0 68.6 69.4 59.6 59.0 71.1 73.7 73.3 59.7 58.3 62.6	69.2 73.5 61.0 68.7 69.2 70.7 71.4 62.4 61.2 73.2 75.5 75.1 61.0 64.8	71.2 75.1 63.5 70.9 71.2 72.6 73.3 64.7 64.0 75.1 77.0 76.5 64.8 63.5 67.4	73.1 77.0 65.1 72.8 73.1 74.5 75.2 66.8 65.9 76.7 78.6 66.6 65.1 69.0	74.8 78.0 67.4 74.8 76.1 76.9 68.8 67.2 77.7 79.5 79.3 68.7 67.4	76.2 79.2 69.9 76.1 76.2 77.3 78.0 71.0 68.6 80.6 71.0 69.9 71.8	
Federal extramural Federal intramural Nonfederal domestic fotal R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges Chrieval governments' Universities and colleges Federally funded R&D centers:	55.0 63.0 47.9 52.0 55.6 56.6 57.4 44.6 47.5 60.9 65.3 66.1 47.8 51.0 44.5	57.1 65.2 49.5 54.2 57.1 58.8 59.6 47.0 49.3 62.8 67.4 68.2 49.5 52.8 46.8	58.9 66.8 51.1 56.1 58.9 60.6 61.4 49.4 50.4 69.0 69.5 51.1 54.0 49.1	60.4 68.3 52.7 57.7 60.4 62.0 62.0 51.5 51.9 66.3 70.5 71.0 53.3 52.7 55.5 51.2	62.3 69.0 54.5 60.2 62.2 63.8 64.6 54.3 54.0 67.2 71.3 71.7 55.3 54.5 54.0	64.5 69.7 63.4 64.5 66.0 66.8 71.9 71.8 57.5 66.3	67.0 71.6 58.3 66.4 67.0 68.6 69.4 59.0 71.1 73.7 73.3 59.7 58.3 62.6 59.2	69.2 73.5 61.0 68.7 69.2 70.7 71.4 62.4 61.2 73.2 75.5 75.1 61.0 64.8 62.1	71.2 75.1 63.5 70.9 71.2 72.6 73.3 64.7 64.0 75.1 77.0 76.5 64.8 63.5 67.4 64.4	73.1 77.0 65.1 72.8 73.1 74.5 75.2 66.8 65.9 76.7 78.6 78.4 66.1 69.0 66.4	74.8 78.0 67.4 74.8 76.9 68.8 67.2 77.7 79.5 79.3 68.7 67.4 68.5	76.2 79.2 69.9 76.1 76.2 77.3 78.0 71.0 68.6 80.6 71.0 69.9 71.8 70.7	
Federal extramural Federal intramural Nonfederal domestic otal R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges Federally funded R&D centers: Universities and colleges Universities and colleges	55.0 63.0 47.9 55.0 55.0 56.6 57.4 44.6 47.5 60.9 65.3 66.1 47.9 51.0 44.5 61.5	57.1 65.2 49.5 54.2 57.1 58.8 59.6 47.0 49.3 62.8 67.4 68.2 49.7 49.5 52.8 63.4	58.9 66.8 51.1 56.1 58.9 60.6 61.4 49.4 50.4 69.0 69.5 51.1 54.0 49.1 65.6	60.4 68.3 52.7 57.7 60.4 62.0 62.7 51.5 51.9 66.3 70.5 71.0 53.3 52.7 55.5 51.2	62.3 69.0 54.5 60.2 62.2 63.8 64.6 54.3 54.0 67.2 71.3 71.7 55.3 54.5 54.6 68.0	64.5 69.7 56.7 63.4 64.5 66.0 66.8 71.9 71.8 57.5 56.7 66.7 66.7 69.9	67.0 71.6 58.3 66.4 67.0 68.6 69.4 59.6 59.0 71.1 73.7 73.3 59.7 58.3 62.6 59.2 72.5	69.2 73.5 61.0 68.7 69.2 70.7 71.4 62.4 61.2 73.2 75.5 75.1 62.4 61.0 64.8 62.1	71.2 75.1 63.5 70.9 71.2 72.6 73.3 64.7 64.0 75.1 77.0 76.5 64.8 63.5 64.4 76.6	73.1 77.0 65.1 72.8 73.1 74.5 75.2 66.8 65.9 76.7 78.6 66.1 69.0 66.4 78.1	74.8 78.0 67.4 74.8 76.1 76.9 68.8 67.2 77.7 79.5 79.3 68.7 67.4 70.4 68.5 79.1	76.2 79.2 69.9 76.1 76.2 77.3 78.0 71.0 68.6 80.6 80.6 80.6 71.0 69.9 71.8 70.7	
Federal extramural Federal intramural Nonfederal domestic otal R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government. State and local governments' Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges	55.0 63.0 47.9 52.0 55.0 55.6 57.4 44.6 47.5 60.9 65.3 66.1 47.8 47.9 51.0 44.5	57.1 65.2 49.5 54.2 57.1 58.8 59.6 47.0 49.3 62.8 67.4 68.2 49.5 52.8 46.8 63.4	58.9 66.8 51.1 56.1 58.9 60.6 61.4 49.4 50.4 69.0 69.5 51.5 51.1 65.6	60.4 68.3 52.7 57.7 60.4 62.0 62.7 51.9 66.3 70.5 71.0 53.3 52.7 55.5 51.2 67.1	62.3 69.0 54.5 60.2 62.2 63.8 64.6 54.3 54.0 67.2 71.3 71.7 55.3 54.5 54.0 68.0	64.5 69.7 56.7 63.4 64.5 66.0 66.8 56.7 56.9 71.9 71.8 57.5 56.7 60.4 56.3 69.9	67.0 71.6 58.3 66.4 67.0 68.6 69.4 59.6 59.0 71.1 73.7 73.3 59.7 72.5	69.2 73.5 61.0 68.7 69.2 70.7 71.4 61.2 73.2 75.5 75.1 62.4 61.0 64.8 62.1 74.6	71.2 75.1 63.5 70.9 71.2 72.6 73.3 64.7 75.1 77.0 76.5 64.8 63.5 67.4 64.4 76.6	73.1 77.0 65.1 72.8 73.1 74.5 75.2 66.8 65.9 76.7 78.6 65.1 69.0 66.4 78.1	74.8 78.0 67.4 74.8 76.1 76.9 68.8 67.2 77.7 79.5 79.3 68.7 67.4 70.4 68.5 79.1	76.2 79.2 69.9 76.1 76.2 77.3 78.0 71.0 68.6 78.9 80.6 80.6 71.0 69.9 71.8 70.7 80.2	
Federal extramural Federal intramural Nonfederal domestic otal R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges Federally funded R&D centers: Universities and colleges Universities and colleges	55.0 63.0 47.9 55.0 55.0 56.6 57.4 44.6 47.5 60.9 65.3 66.1 47.9 51.0 44.5 61.5	57.1 65.2 49.5 54.2 57.1 58.8 59.6 47.0 49.3 62.8 67.4 68.2 49.7 49.5 52.8 63.4	58.9 66.8 51.1 56.1 58.9 60.6 61.4 49.4 50.4 69.0 69.5 51.1 54.0 49.1 65.6	60.4 68.3 52.7 57.7 60.4 62.0 62.7 51.5 51.9 66.3 70.5 71.0 53.3 52.7 55.5 51.2	62.3 69.0 54.5 60.2 62.2 63.8 64.6 54.3 54.0 67.2 71.3 71.7 55.3 54.5 54.6 68.0	64.5 69.7 56.7 63.4 64.5 66.0 66.8 71.9 71.8 57.5 56.7 66.7 66.7 69.9	67.0 71.6 58.3 66.4 67.0 68.6 69.4 59.6 59.0 71.1 73.7 73.3 59.7 58.3 62.6 59.2 72.5	69.2 73.5 61.0 68.7 69.2 70.7 71.4 62.4 61.2 73.2 75.5 75.1 62.4 61.0 64.8 62.1	71.2 75.1 63.5 70.9 71.2 72.6 73.3 64.7 64.0 75.1 77.0 76.5 64.8 63.5 64.4 76.6	73.1 77.0 65.1 72.8 73.1 74.5 75.2 66.8 65.9 76.7 78.6 65.1 69.0 66.4 78.1	74.8 78.0 67.4 74.8 76.1 76.9 68.8 67.2 77.7 79.5 79.3 68.7 67.4 70.4 68.5 79.1	76.2 79.2 69.9 76.1 76.2 77.3 78.0 71.0 68.6 80.6 80.6 80.6 71.0 69.9 71.8 70.7	
Federal extramural Federal intramural Nonfederal domestic Dtal R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges Federally funded R&D centers: Universities and colleges Federal governments' Universities and colleges Federal governments' Universities and colleges Federal extramural	55.0 63.0 47.9 52.0 55.6 56.6 57.4 44.6 47.5 60.9 65.3 66.1 47.8 47.9 51.0 44.5 61.5	57.1 65.2 49.5 54.2 57.1 58.8 59.6 47.0 49.3 62.8 67.4 68.2 49.7 49.5 52.8 46.8 63.4	58.9 66.8 51.1 56.1 58.9 60.6 61.4 49.4 50.4 69.0 69.5 51.1 54.0 49.1 65.6	60.4 68.3 52.7 57.7 60.4 62.0 62.7 51.5 51.9 66.3 70.5 71.0 53.3 52.7 55.5 51.2 67.1	62.3 69.0 54.5 60.2 62.2 63.8 64.6 54.3 54.0 67.2 71.3 71.7 55.3 54.5 54.0 68.0	64.5 69.7 56.7 63.4 64.5 66.0 66.8 56.7 56.9 71.8 57.5 60.4 56.3 69.9	67.0 71.6 58.3 66.4 67.0 68.6 69.4 59.0 71.1 73.7 73.3 59.7 58.3 62.6 59.2 72.5	69.2 73.5 61.0 68.7 69.2 70.7 71.4 62.4 61.2 73.2 75.5 75.1 62.4 61.0 64.8 62.1 74.6	71.2 75.1 63.5 70.9 71.2 72.6 73.3 64.7 64.0 75.1 77.0 76.5 64.8 63.5 67.4 64.4 76.6	73.1 77.0 65.1 72.8 73.1 74.5 75.2 66.8 65.9 76.7 78.6 78.4 66.1 69.0 66.4 78.1	74.8 78.0 67.4 74.8 76.1 76.9 68.8 67.2 77.7 79.5 79.3 68.7 67.4 70.4 68.5 79.1	76.2 79.2 69.9 76.1 76.2 77.3 78.0 71.0 68.6 80.6 71.0 69.9 71.8 70.7 80.2	
Federal extramural Federal intramural Nonfederal domestic otal R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges	55.0 63.0 47.9 52.0 55.0 55.6 57.4 44.6 47.5 60.9 65.3 66.1 47.9 51.0 44.5 61.5	57.1 65.2 49.5 54.2 57.1 58.8 59.6 47.0 49.3 62.8 67.4 68.2 49.7 49.5 52.8 46.8 63.4	58.9 66.8 51.1 58.9 60.6 61.4 49.4 50.4 69.0 69.5 51.5 51.1 54.0 49.1 65.6	60.4 68.3 52.7 57.7 60.4 62.0 62.7 51.9 66.3 70.5 71.0 52.7 55.5 51.2 67.1	62.3 69.0 54.5 60.2 62.2 63.8 64.6 54.3 54.0 67.2 71.3 71.7 55.3 54.5 54.6 54.0 68.0	64.5 69.7 56.7 63.4 64.5 66.0 66.8 56.7 56.9 68.8 71.9 71.8 56.7 60.9 2000	67.0 71.6 58.3 66.4 67.0 68.6 69.4 59.6 59.0 71.1 73.7 73.3 59.7 58.3 62.6 59.2 72.5	69.2 73.5 61.0 68.7 69.2 70.7 71.4 62.4 61.2 73.2 75.5 75.1 62.4 61.0 64.8 62.1 74.6	71.2 75.1 63.5 70.9 71.2 72.6 73.3 64.7 75.1 77.0 76.5 64.8 63.5 67.4 64.4 76.6	73.1 77.0 65.1 72.8 73.1 74.5 75.2 66.8 65.9 76.7 78.6 65.1 69.0 66.4 78.1	74.8 78.0 67.4 74.8 76.1 76.9 68.8 67.2 77.7 79.5 79.3 68.7 67.4 70.4 68.5 79.1	76.2 79.2 69.9 76.1 76.2 77.3 78.0 71.0 68.6 80.6 80.6 71.0 69.9 71.8 70.7 80.2	
Federal extramural Federal intramural Nonfederal domestic cotal R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges Federal intramural Federal intramural Federal intramural Nonfederal domestic otal R&D performance	55.0 63.0 47.9 55.0 55.0 55.6 57.4 44.6 47.5 60.9 65.3 66.1 47.9 51.0 44.5 61.5	57.1 65.2 49.5 54.2 57.1 58.8 59.6 47.0 49.3 62.8 67.4 68.2 49.5 52.8 46.8 63.4	58.9 66.8 51.1 56.1 58.9 60.6 61.4 49.4 50.4 69.0 69.5 51.5 51.1 54.0 49.1 65.6	60.4 68.3 52.7 57.7 60.4 62.0 62.7 51.9 66.3 70.5 71.0 53.3 52.7 55.5 51.2 67.1	62.3 69.0 54.5 60.2 62.2 63.8 64.6 54.3 54.0 67.2 71.3 71.7 55.3 54.5 54.0 68.0	64.5 69.7 56.7 63.4 64.5 66.0 66.8 56.7 56.9 71.9 71.8 57.5 56.7 60.4 56.3 69.9 2000	67.0 71.6 58.3 66.4 67.0 68.6 69.4 59.6 59.0 71.1 73.7 73.3 59.7 72.5 2001 88.2 87.9 84.3 88.7	69.2 73.5 61.0 68.7 69.2 70.7 71.4 62.4 61.2 73.2 75.5 75.1 62.4 61.0 64.8 62.1 74.6	71.2 75.1 63.5 70.9 71.2 72.6 73.3 64.7 64.0 75.1 77.0 76.5 64.8 63.5 67.4 64.4 76.6	73.1 77.0 65.1 72.8 73.1 74.5 75.2 66.8 65.9 76.7 78.6 65.1 69.0 66.4 78.1	74.8 78.0 67.4 74.8 76.1 76.9 68.8 67.2 77.7 79.5 79.3 68.7 70.4 68.5 79.1	76.2 79.2 69.9 76.1 76.2 77.3 78.0 71.0 68.6 71.9 69.9 71.8 70.7 80.2	
Federal extramural Federal intramural Nonfederal domestic cotal R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federall government State and local governments' Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges cotal R&D investment Federal intramural Federal intramural Nonfederal domestic cotal R&D performance Private Business	55.0 63.0 47.9 52.0 55.6 57.4 44.6 47.9 65.3 66.1 47.8 47.9 51.0 44.5 61.5	57.1 65.2 49.5 54.2 57.1 58.8 59.6 47.0 49.3 62.8 46.8 63.4 1996 78.7 80.9 74.5 78.5 78.5	58.9 66.8 51.1 56.1 58.9 60.6 61.4 49.4 69.0 69.5 51.5 51.1 65.6 1997 80.1 82.5 76.2 79.9 80.1	60.4 68.3 52.7 57.7 60.4 62.0 62.7 51.9 66.3 70.5 71.0 53.3 52.7 55.5 51.2 67.1	62.3 69.0 54.5 60.2 62.2 63.8 64.6 54.3 71.7 55.3 54.0 68.0	64.5 69.7 56.7 63.4 64.5 66.0 66.8 56.7 56.9 71.8 57.5 60.4 56.3 69.9	67.0 71.6 58.3 66.4 67.0 68.6 69.4 59.0 71.1 73.7 73.3 59.7 72.5 2001 88.2 87.9 88.2	69.2 73.5 61.0 68.7 69.2 70.7 71.4 62.4 61.2 73.2 75.5 75.1 62.4 61.0 64.8 62.1 74.6 2002 90.5 89.6 87.5 91.1 90.5 90.9 91.1	71.2 75.1 63.5 70.9 71.2 72.6 73.3 64.7 64.0 75.1 77.0 76.5 64.8 63.5 67.4 64.4 76.6	73.1 77.0 65.1 72.8 73.1 74.5 75.2 66.8 65.9 76.7 78.6 66.1 69.0 66.4 78.1	74.8 78.0 67.4 74.8 76.1 76.9 68.8 67.2 77.7 79.5 79.3 68.7 67.4 70.4 68.5 79.1	76.2 79.2 69.9 76.1 76.2 77.3 78.0 71.0 68.6 78.9 80.6 71.8 70.7 80.2 2006	
Federal extramural Federal intramural Nonfederal domestic total R&D performance Private Business Universities and colleges Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and iocal governments' Universities and colleges Federally funded R&D centers: Universities and colleges Federal extramural Federal extramural Federal intramural Nonfederal domestic total R&D performance Private Business Universities and colleges	55.0 63.0 47.9 52.0 55.6 57.4 44.6 47.9 65.3 66.1 47.8 47.9 51.0 44.5 61.5	57.1 65.2 49.5 54.2 57.1 58.8 59.6 47.0 49.3 62.8 46.8 63.4 1996 78.7 80.9 74.5 78.5 78.7 79.4	58.9 66.8 51.1 56.1 58.9 60.6 61.4 49.4 69.0 69.5 51.5 51.1 65.6 1997 80.1 82.5 76.2 79.9 80.1 80.7 81.1 80.7 81.1 81.1 81.1 81.1 81.1 81.1 81.1 81	60.4 68.3 52.7 57.7 60.4 62.0 62.7 51.9 66.3 70.5 71.0 53.3 70.5 51.2 67.1	62.3 69.0 54.5 60.2 62.2 63.8 64.6 54.3 71.7 55.4 57.6 54.0 68.0	64.5 69.7 56.7 63.4 64.5 66.0 66.8 56.7 56.9 71.8 57.5 60.4 56.3 69.9 2000 86.1 86.3 82.2 86.5 86.5 86.5	67.0 71.6 58.3 66.4 67.0 68.6 69.4 59.0 71.1 73.7 73.3 59.7 72.5 2001 88.2 87.9 88.2 88.6 88.8 88.8	69.2 73.5 61.0 68.7 69.2 70.7 71.4 62.4 73.2 75.5 75.1 62.4 61.0 64.8 62.1 74.6 2002 90.5 89.6 87.5 91.1 90.5 90.9 91.1 89.5	71.2 75.1 63.5 70.9 71.2 72.6 73.3 64.7 76.5 64.8 76.5 67.4 64.4 76.6 2003 93.1 92.0 93.1 93.7 93.4 93.6 92.3	73.1 77.0 65.1 72.8 73.1 74.5 75.2 66.8 65.9 76.7 78.6 78.4 66.6 66.1 69.0 66.4 78.1	74.8 78.0 67.4 74.8 76.1 76.9 68.8 67.2 77.7 79.5 79.3 68.7 67.4 70.4 68.5 79.1 2005	76.2 79.2 69.9 76.1 76.2 77.3 78.0 71.0 68.6 80.6 71.8 70.7 80.2 2006 103.7 102.9 103.9 104.0 103.7	
Federal extramural Federal intramural Nonfederal domestic otal R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges Federal extramural Federal intramural Nonfederal domestic otal R&D performance Private Business Universities and colleges Other nonprofit institutions serving households	55.0 63.0 47.9 55.0 55.0 55.6 57.4 44.6 47.5 60.9 65.3 66.1 47.8 47.9 51.0 44.5 61.5	57.1 65.2 49.5 54.2 57.1 58.8 59.6 47.0 49.3 62.8 67.4 68.2 49.7 49.5 52.8 63.4 1996 74.5 78.7 79.8	58.9 66.8 51.1 58.9 60.6 61.4 49.4 50.4 69.0 69.5 51.5 51.1 65.6 1997 80.1 82.5 79.9 80.1 80.1 80.1	60.4 68.3 52.7 57.7 60.4 62.0 62.7; 51.9 66.3 70.5 71.0 52.7 55.5 67.1	62.3 69.0 54.5 60.2 62.2 63.8 64.6 54.0 67.2 71.3 71.7 55.3 54.5 57.6 68.0	64.5 69.7 56.7 63.4 64.5 66.0 66.8 56.7 56.9 68.8 71.9 71.8 57.5 56.7 60.4 56.3 69.9 2000 86.1 86.3 82.2 86.5 86.5 86.5 86.5	67.0 71.6 58.3 66.4 67.0 68.6 69.4 59.6 59.0 71.1 73.7 73.3 59.7 58.3 62.6 59.2 72.5	69.2 73.5 61.0 68.7 69.2 70.7 71.4 62.4 61.2 73.2 75.5 75.1 62.4 61.0 64.8 62.1 74.6 2002 90.5 89.6 87.5 91.1 90.5 90.9 91.1	71.2 75.1 63.5 70.9 71.2 72.6 73.3 64.7 64.0 75.1 77.0 76.5 64.8 63.5 67.4 64.4 76.6	73.1 77.0 65.1 72.8 73.1 74.5 75.2 66.8 65.9 76.7 78.6 65.1 69.0 66.4 78.1 2004	74.8 78.0 67.4 74.8 76.1 76.9 68.8 67.2 77.7 79.5 79.3 68.7 67.4 70.4 68.5 79.1	76.2 79.2 69.9 76.1 76.2 77.3 78.0 71.0 68.6 78.9 80.6 71.8 70.7 80.2 2006	
Federal extramural Federal intramural Nonfederal domestic otal R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business	55.0 63.0 47.9 52.0 55.6 57.4 44.6 47.9 65.3 66.1 47.8 47.9 51.0 44.5 61.5	57.1 65.2 49.5 54.2 57.1 58.8 59.6 47.0 49.3 62.8 46.8 63.4 1996 78.7 79.5 78.5 78.5 78.5 78.7 79.8 74.9 73.9	58.9 66.8 51.1 58.9 60.6 61.4 49.4 50.4 69.0 69.5 51.1 54.0 49.1 65.6 1997 80.1 82.5 76.2 79.9 80.1 80.7 81.1 76.8	60.4 68.3 52.7 57.7 60.4 62.0 62.7 51.5 66.3 70.5 71.0 53.3 52.7 55.5 51.2 67.1	62.3 69.0 54.5 60.2 62.2 63.8 64.6 54.3 71.7 55.4 57.6 54.0 68.0	64.5 69.7 56.7 63.4 64.5 66.0 66.8 56.7 56.9 71.8 57.5 66.3 69.9 2000 86.1 86.3 82.2 86.5 86.1 86.7 85.1	67.0 71.6 58.3 66.4 67.0 68.6 69.4 59.0 71.1 73.7 73.3 59.2 72.5 2001 88.2 87.9 84.3 88.7 88.2 88.6 88.8 87.4	69.2 73.5 61.0 68.7 69.2 70.7 71.4 62.4 61.0 64.8 62.1 74.6 2002 90.5 89.6 87.5 91.1 90.5 90.9 91.1 89.5 88.8	71.2 75.1 63.5 70.9 71.2 72.6 73.3 64.7 64.0 75.1 77.5 64.8 63.5 67.4 64.4 76.6 2003 93.1 92.0 91.3 93.6 93.3 93.6 93.3 93.6	73.1 77.0 65.1 72.8 73.1 74.5 75.2 66.8 65.9 76.7 78.6 78.4 66.6 66.1 69.0 66.4 78.1	74.8 78.0 67.4 74.8 76.1 76.9 68.8 67.2 77.7 79.5 79.3 68.7 70.4 68.5 79.1 2005 100.0 100.0 100.0 100.0 100.0 100.0	76.2 79.2 69.9 76.1 76.2 77.3 78.0 71.0 68.6 80.6 71.9 71.8 70.7 80.2 2006 103.7 102.9 103.9 104.0 103.2 102.0	
Federal extramural Federal intramural Nonfederal domestic otal R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges Federal extramural Federal extramural Federal intramural Nonfederal domestic otal R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges	55.0 63.0 47.9 52.0 55.0 55.6 57.4 44.6 47.5 60.9 65.3 66.1 47.8 47.9 51.0 44.5 61.5	57.1 65.2 49.5 54.2 57.1 58.8 59.6 47.0 49.3 62.8 67.4 68.2 49.7 49.5 52.8 46.8 63.4 1996 78.7 80.9 74.5 78.7 79.4 79.8 74.9 73.9 74.9 74.9 74.9 74.9 74.9 74.9 74.9 74	58.9 66.8 51.1 58.9 60.6 61.4 49.4 50.4 69.0 69.5 51.5 51.1 54.0 49.1 65.6	60.4 68.3 52.7 57.7 60.4 62.0 62.5 51.9 66.3 70.5 71.0 53.3 52.7 55.5 51.2 67.1 1998 81.5 81.4 81.4 81.4 81.4 81.5 82.4 78.9 78.9	62.3 69.0 54.5 60.2 62.2 63.8 64.6 54.3 54.0 67.2 71.3 71.7 55.3 54.5 57.6 68.0 1999 83.0 84.7 83.1 83.5 83.7 83.1 83.7 83.1 83.7 83.7 83.7 83.7 83.7 83.7 83.7 83.7	64.5 69.7 56.7 63.4 64.5 66.0 66.8 71.9 71.8 56.7 69.9 2000 86.1 86.5 86.7 86.1 86.5 86.7 86.1 86.7 86.7 86.1 86.7	67.0 71.6 58.3 66.4 67.0 68.6 69.4 59.6 59.0 71.1 73.7 73.3 59.7 58.3 62.6 59.2 72.5	69.2 73.5 61.0 68.7 69.2 70.7 71.4 62.4 61.2 73.2 75.5 75.1 62.4 61.0 64.8 62.1 74.6 2002 90.5 89.6 87.5 91.1 90.5 90.5 88.8 89.9	71.2 75.1 63.5 70.9 71.2 72.6 73.3 64.0 75.1 77.0 76.5 64.8 63.5 67.4 64.4 76.6 2003 91.3 92.3 93.7 92.3 92.3	73.1 77.0 65.1 72.8 73.1 74.5 75.2 66.8 65.9 76.7 78.4 66.6 65.1 69.0 96.4 95.2 96.0 96.9 96.0 96.9 96.8 95.7	74.8 78.0 67.4 74.8 76.1 76.9 68.8 67.2 77.7 79.5 79.3 68.7 67.4 70.4 70.4 100.0 100.0 100.0 100.0 100.0 100.0 100.0	76.2 79.2 69.9 76.1 76.2 77.3 78.0 71.0 68.6 78.9 80.6 80.6 71.0 69.9 71.8 70.7 80.2 2006 103.7 102.9 103.9 104.0 103.2 102.0 103.2	
Federal extramural Federal intramural Nonfederal domestic otal R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments! Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges Federall funded R&D centers: Universities and colleges Otal R&D investment Federal extramural Federal intramural Nonfederal domestic otal R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households	55.0 63.0 47.9 52.0 55.0 56.6 57.4 44.6 47.5 60.9 65.3 66.1 47.9 51.0 44.5 61.5	57.1 65.2 49.5 54.2 57.1 58.8 59.6 47.0 49.3 62.8 67.4 68.2 49.5 52.8 46.8 74.9 74.5 78.7 79.4 79.8 74.9 73.9 81.5 82.1 82.1 82.1 83.1 83.1 84.9 84.9 74.9 73.9 84.1 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9	58.9 66.8 51.1 58.9 60.6 61.4 49.4 50.4 69.0 69.5 51.5 51.1 65.6 1997 80.1 82.5 79.9 80.1 80.7 81.1 76.8 76.8	60.4 68.3 52.7 57.7 60.4 62.0 62.7; 51.9 66.3 70.5 71.0 52.7 55.5 51.2 67.1 1998 81.5 81.4 81.5 82.1 82.1 82.1 83.3 84.3 84.3 84.3	62.3 69.0 54.5 60.2 62.2 63.8 64.6 54.3 54.0 67.2 71.3 54.5 54.5 54.0 68.0 1999 83.0 84.4 79.7 79.7 83.1 83.0 83.5 83.7 81.1 80.5	64.5 69.7 56.7 63.4 64.5 66.0 66.8 56.7 56.9 71.8 57.5 56.7 60.4 56.3 86.3 82.2 86.5 86.1 86.5 86.1 86.1 87.0 85.0 86.9	67.0 71.6 58.3 66.4 67.0 68.6 69.4 59.6 59.0 71.1 73.7 73.3 59.7 72.5 2001 88.2 87.9 84.3 88.7 88.2 88.8 87.4 87.4	69.2 73.5 61.0 68.7 69.2 70.7 71.4 62.4 61.2 73.2 75.5 75.1 62.4 61.0 64.8 62.1 74.6 2002 90.5 89.6 87.5 91.1 90.5 90.9 91.1 89.5 88.8 89.8 90.0 90.0	71.2 75.1 63.5 70.9 71.2 72.6 73.3 64.7 64.0 75.1 77.0 76.5 64.8 63.5 67.4 64.4 76.6 2003 91.3 93.7 93.1 92.0 91.3 93.7 93.1 93.6 92.3 91.7	73.1 77.0 65.1 72.8 73.1 74.5 75.2 66.8 65.9 76.7 78.6 66.1 69.0 66.4 78.1 2004 96.4 96.9 96.9 96.9 96.9 96.8 95.7 95.2 95.2 95.2 95.2 95.2 95.2	74.8 78.0 67.4 74.8 76.1 76.9 68.8 67.2 77.7 79.5 79.3 68.7 67.4 70.4 68.5 79.1 2005 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	76.2 79.2 69.9 76.1 76.2 77.3 78.0 71.0 68.6 71.9 69.9 71.8 70.7 80.2 2006 103.7 102.9 103.9 103.9 104.0 103.2 102.0	
Federal extramural Federal intramural Nonfederal domestic otal R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges Federally funded R&D centers: Universities and colleges Federal extramural Federal extramural Federal intramural Nonfederal domestic otal R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public	55.0 63.0 47.9 52.0 55.0 55.6 57.4 44.6 47.9 51.0 44.5 61.5 1995 77.3 80.3 72.5 76.9 77.3 78.1 78.1 78.1 78.1 78.1 78.1 78.1 78.1	57.1 65.2 49.5 54.2 57.1 58.8 59.6 47.0 49.3 62.8 46.8 63.4 1996 78.7 80.9 74.5 78.5 78.7 79.4 73.9 81.5 82.1 82.1 82.1 82.1 83.1 83.9 74.9 73.9 75.3	58.9 66.8 51.1 58.9 60.6 61.4 49.4 50.4 69.0 69.5 51.5 51.1 65.6 1997 80.1 82.5 79.9 80.1 80.7 81.1 82.6 76.1	60.4 68.3 52.7 57.7 60.4 62.0 62.7 51.9 66.3 70.5 71.0 53.3 67.5 51.2 67.1	62.3 69.0 54.5 60.2 62.2 63.8 64.6 54.3 71.7 55.3 54.0 68.0 1999 83.0 84.4 79.7 83.1 83.0 83.5 83.5 83.0 84.0 85.0 85.0 86.0 86.0 86.0 86.0 86.0 86.0 86.0 86	64.5 69.7 56.7 63.4 64.5 66.0 66.8 56.7 56.9 71.8 57.5 60.4 56.3 69.9 2000 86.1 86.3 82.2 86.5 86.1 86.5 86.1 86.1 86.9 86.9	67.0 71.6 58.3 66.4 67.0 68.6 69.4 59.0 71.1 73.7 73.3 59.7 72.5 2001 88.2 87.9 88.2 88.6 88.8 87.4 87.9 88.4 87.4	69.2 73.5 61.0 68.7 69.2 70.7 71.4 62.4 73.2 75.5 75.1 62.4 61.0 64.8 62.1 74.6 2002 90.5 89.6 87.5 91.1 90.5 90.9 90.9 90.0 88.6 89.8 89.8 90.0 90.0 88.6	71.2 75.1 63.5 70.9 71.2 72.6 73.3 64.7 75.1 77.0 76.5 64.8 63.5 67.4 64.4 76.6 2003 93.1 92.0 93.3 93.7 93.1 93.4 93.3 93.7 93.1 93.4 93.3 93.3 93.7	73.1 77.0 65.1 72.8 73.1 74.5 75.2 66.8 66.9 78.6 78.6 66.1 69.0 66.4 78.1 2004 96.4 95.2 96.0 96.9 96.9 96.9 96.9 95.7 95.2	74.8 78.0 67.4 74.8 76.1 76.9 68.8 67.2 77.7 79.5 79.3 68.7 79.1 2005 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	76.2 79.2 69.9 76.1 76.2 77.3 78.0 71.0 68.6 80.6 80.6 71.0 80.2 2006 103.7 102.9 103.9 103.9 103.0 103.2 103.0 103.2 103.0 103.2	
Federal extramural Federal intramural Nonfederal domestic otal R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government	55.0 63.0 47.9 52.0 55.0 55.6 67.4 44.6 47.5 60.9 65.3 66.1 47.9 51.0 44.5 61.5	57.1 65.2 49.5 54.2 57.1 58.8 59.6 47.0 49.3 62.8 67.4 68.2 49.7 49.5 52.8 63.4 1996 78.7 78.5 78.7 79.8 74.9 73.9 81.5 82.1 81.9 74.5	58.9 66.8 51.1 58.9 60.6 61.4 49.4 50.4 69.0 69.5 51.5 51.1 54.0 49.1 65.6 1997 80.1 80.5 76.2 79.9 80.1 80.1 80.5 76.2 79.9 80.1 80.1 80.1 80.1 80.1 80.1 80.1 80.1	60.4 68.3 52.7 57.7 60.4 62.0 62.7 51.5 51.9 66.3 70.5 71.0 53.3 52.7 55.5 51.2 67.1 1998 81.5 82.4 78.9 78.8 84.3 84.3 84.3 77.6	62.3 69.0 54.5 62.2 62.2 63.8 64.6 54.3 54.0 67.2 71.3 71.7 55.3 54.5 54.6 54.0 68.0 1999 83.0 84.4 79.7 83.1 83.5 83.7 83.7 83.7 83.7 83.7 83.7 83.7 83.7	64.5 69.7 56.7 63.4 64.5 66.0 66.8 71.9 71.8 56.7 66.7 69.9 2000 86.1 86.5 86.1 86.5 86.7 86.1 86.7 86.9 86.9	67.0 71.6 58.3 66.4 67.0 68.6 69.4 59.6 59.0 71.1 73.7 73.3 59.7 58.3 62.6 59.2 72.5 2001 88.2 88.2 88.3 88.7 88.2 88.8 87.4 87.9 88.5 88.4 87.9 88.5 88.4 88.4 88.4 88.4 88.4 88.4 88.4	69.2 73.5 61.0 68.7 69.2 70.7 71.4 62.4 61.2 73.2 75.5 75.1 62.4 61.0 64.8 62.1 74.6 2002 90.5 89.6 87.5 91.1 90.5 90.1 89.5 88.8 89.0 90.0 90.0 88.6 87.5	71.2 75.1 63.5 79.9 71.2 72.6 73.3 64.0 75.1 77.0 76.5 64.8 63.5 64.4 76.6 2003 91.3 93.7 93.1 92.3 92.3 92.2 92.2 92.2 91.8	73.1 77.0 65.1 72.8 73.1 74.5 75.2 66.8 65.9 76.7 78.6 65.1 69.0 66.4 78.1 2004 96.4 95.2 96.0 96.9 96.9 96.8 95.7 95.2 95.2 95.4 95.4 95.4	74.8 78.0 67.4 74.8 76.1 76.9 68.8 67.2 77.7 79.5 79.3 68.7 67.4 70.4 68.5 79.1 2005 100.0	76.2 79.2 69.9 76.1 76.2 77.3 78.0 71.0 68.6 78.9 80.6 80.6 80.6 71.0 69.9 71.8 70.7 80.2 2006 103.7 102.9 103.9 104.0 103.2 103.0 103.2 103.0 103.2	
Federal extramural Federal intramural Nonfederal domestic otal R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments! Universities and colleges Federally funded R&D centers: Universities and colleges Federally funded R&D centers: Universities and colleges Federal omestic otal R&D investment Federal extramural Federal intramural Nonfederal domestic otal R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments'	55.0 63.0 47.9 52.0 55.0 55.6 65.3 66.1 47.8 47.9 51.0 44.5 61.5	57.1 65.2 49.5 54.2 57.1 58.8 59.6 47.0 49.3 62.8 46.8 46.8 46.8 46.8 78.7 79.5 74.5 78.7 79.4 79.8 74.9 73.9 74.5 76.3 74.5 76.3	58.9 66.8 51.1 56.1 58.9 60.6 61.4 49.1 69.0 69.5 51.5 51.1 65.6 1997 80.1 82.5 79.9 80.1 82.5 79.9 80.1 82.5 76.8 76.8	60.4 68.3 52.7 57.7 60.4 62.0 62.7 51.5 51.9 66.3 70.5 71.0 53.3 52.7 55.5 67.1 1998 81.5 83.5 78.9 78.4 81.3 82.1 82.4 83.3 84.3 84.3 84.3 84.3 84.3 84.3 84	62.3 69.0 54.5 60.2 62.2 63.8 64.6 54.3 54.0 67.2 71.3 71.7 55.3 54.5 54.5 54.0 68.0 1999 83.0 84.4 79.7 83.1 83.5 83.7 81.1 85.0 85.0 85.0 85.0 85.0 85.0 85.0 85.0	64.5 69.7 56.7 63.4 64.5 66.0 66.8 56.7 56.9 71.8 57.5 56.7 60.4 56.3 86.3 82.2 86.5 86.1 86.5 86.1 87.0 85.1 87.0 86.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9	67.0 71.6 58.3 66.4 67.0 68.6 69.4 59.0 71.1 73.7 73.3 59.7 72.5 2001 88.2 87.9 84.3 88.7 88.7 88.2 88.8 87.4 87.4 87.4	69.2 73.5 61.0 68.7 69.2 70.7 71.4 62.4 61.2 73.2 75.5 75.1 62.4 61.0 64.8 62.1 74.6 87.5 90.5 90.5 88.6 87.5 90.9 90.0 90.0 90.0 90.0 90.0 90.0 90	71.2 75.1 63.5 70.9 71.2 72.6 73.3 64.0 75.1 77.0 76.5 64.8 63.5 67.4 64.4 76.6 2003 91.3 93.7 93.1 92.0 91.3 91.7 92.1 92.2 92.2 91.8 91.3	73.1 77.0 65.1 72.8 73.1 74.5 75.2 66.8 65.9 76.7 78.6 66.1 69.0 66.4 96.4 95.2 96.0 96.9 96.9 96.8 95.2 95.2 95.2 95.2 95.2 95.2 95.2 95.2	74.8 78.0 67.4 74.8 76.1 76.9 68.8 67.2 77.7 79.5 79.3 68.7 67.4 70.4 68.5 79.1 2005 100.0	76.2 79.2 69.9 76.1 76.2 77.3 78.0 71.0 68.6 78.9 80.6 71.8 70.7 80.2 2006 103.7 102.9 103.9 104.0 103.2 102.0 103.0 103.2 103.0 103.2 103.9	
Federal extramural Federal intramural Nonfederal domestic private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government State and local governments' Universities and colleges Federally funded R&D centers: Universities and colleges Federal extramural Federal intramural Nonfederal domestic potal R&D performance Private Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Federally funded R&D centers: Business Universities and colleges Other nonprofit institutions serving households Public Federal government	55.0 63.0 47.9 52.0 55.0 55.6 67.4 44.6 47.5 60.9 65.3 66.1 47.9 51.0 44.5 61.5	57.1 65.2 49.5 54.2 57.1 58.8 59.6 47.0 49.3 62.8 67.4 68.2 49.7 49.5 52.8 63.4 1996 78.7 78.5 78.7 79.8 74.9 73.9 81.5 82.1 81.9 74.5	58.9 66.8 51.1 58.9 60.6 61.4 49.4 50.4 69.0 69.5 51.5 51.1 54.0 49.1 65.6 1997 80.1 80.5 76.2 79.9 80.1 80.1 80.5 76.2 79.9 80.1 80.1 80.1 80.1 80.1 80.1 80.1 80.1	60.4 68.3 52.7 57.7 60.4 62.0 62.7 51.5 51.9 66.3 70.5 71.0 53.3 52.7 55.5 51.2 67.1 1998 81.5 82.4 78.9 78.8 84.3 84.3 84.3 77.6	62.3 69.0 54.5 62.2 62.2 63.8 64.6 54.3 54.0 67.2 71.3 71.7 55.3 54.5 54.6 54.0 68.0 1999 83.0 84.4 79.7 83.1 83.5 83.7 83.7 83.7 83.7 83.7 83.7 83.7 83.7	64.5 69.7 56.7 63.4 64.5 66.0 66.8 71.9 71.8 56.7 66.7 69.9 2000 86.1 86.5 86.1 86.5 86.7 86.1 86.7 86.9 86.9	67.0 71.6 58.3 66.4 67.0 68.6 69.4 59.6 59.0 71.1 73.7 73.3 59.7 58.3 62.6 59.2 72.5 2001 88.2 88.2 88.3 88.7 88.2 88.8 87.4 87.9 88.5 88.4 87.9 88.5 88.4 88.4 88.4 88.4 88.4 88.4 88.4	69.2 73.5 61.0 68.7 69.2 70.7 71.4 62.4 61.2 73.2 75.5 75.1 62.4 61.0 64.8 62.1 74.6 2002 90.5 89.6 87.5 91.1 90.5 90.1 89.5 88.8 89.0 90.0 90.0 88.6 87.5	71.2 75.1 63.5 79.9 71.2 72.6 73.3 64.0 75.1 77.0 76.5 64.8 63.5 64.4 76.6 2003 91.3 93.7 93.1 92.3 92.3 92.2 92.2 92.2 91.8	73.1 77.0 65.1 72.8 73.1 74.5 75.2 66.8 65.9 76.7 78.6 65.1 69.0 66.4 78.1 2004 96.4 95.2 96.0 96.9 96.9 96.8 95.7 95.2 95.2 95.4 95.4 95.4	74.8 78.0 67.4 74.8 76.1 76.9 68.8 67.2 77.7 79.5 79.3 68.7 67.4 70.4 68.5 79.1 2005 100.0	76.2 79.2 69.9 76.1 76.2 77.3 78.0 71.0 68.6 78.9 80.6 80.6 80.6 71.0 69.9 71.8 70.7 80.2 2006 103.7 102.9 103.9 104.0 103.2 103.0 103.2 103.0 103.2	

Excludes universities and colleges.
 R&D Research and development

Table 4.2. Alternative Price Indexes for R&D Investment, 1959–2007

[Index numbers, 2005=100]

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	
Aggregate output price index	40.6 16.2	40.4 16.2	40.1 16.6	39.9 16.8	39.6 17.1	39.6 17.6	39.7 18.1	40.1 18.7	40.9 19.4	41.7 20.3	42.5 21.4	44.0 22.6	
	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	
Aggregate output price index	45.7 23.9	46.6 25.2	47.7 26.6	53.9 29.0	61.8 31.8	65.2 33.7	68.9 36.0	73.6 38.4	80.0 41.6	89.4 45.5	100.2 49.8	107.4 52.9	
			1										
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	
Aggregate output price index	1983 111.8 55.0	1984 116.7 57.1	1985 120.1 58.9	1986 122.8 60.4	1987 124.1 62.3	1988 126.2 64.5	1989 127.8 67.0	1990 127.7 69.2	1991 129.3 71.2	1992 128.4 73.1	1993 128.1 74.8	1994 127.5 76.2	
Aggregate output price index	111.8	116.7	120.1	122.8	124.1	126.2	127.8	127.7	129.3	128.4	128.1	127.5	20

R&D Research and development

Table 5.1. Investment in R&D by Industry, 1987-2007

(Millions of dollars)

NAICS code	Industry	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
ALL A	Il industries¹ Own account	143,230 70,820	151,545 76,639	160,095 84,004	166,101 86,993		178,244 98,186		182,928 101,156													
ALLDA	Purchased R&D	72,410 69,370	74,905 75,561	76,091	79,108 87,036	79,935 96,101	80,058	80,129	81,772 103,897	86,925	89,651	93,223 1 42,116	97,120	103,912	105,907	111,681	116,518	128,477	141,672	150,053	160,802	184,46
ALLE	Own account	53,429	58,043	64,007	66,022	73,203	76,266	76,320	78,068	86,374	96,903	107,649	116,651	128,134	146,314	148,604	140,877	140,624	142,491	155,558	169,538	177,98
325	Purchased R&D Chemical manufacturing	15,941 10,668	17,518 12,098		21,014 14,468	22,898 15,877	23,852 16,691	24,772 18,245	25,829 18,492	29,427 19,737	31,741 20,426					48,547 32,579		54,809 42,489		65,509 53,894		
	Own account Purchased R&D	4,935 5,733	5,631 6,468	6,152 7,004	6,714 7,754	7,378 8,499	7,694 8,997	8,433 9,812	8,354 10,138	8,509 11,228	8,662 11,764	9,122 12,796	10,660 14,011		12,308 17,811	13,325 19,254	14,640 21,704	16,599 25,891	19,748 30,826			
3254	Pharmaceutical and medicine	£ 700					i		.			i i										
	Own account	5,700 1,875	6,583 2,237	2,528	7 ,886 2,688	9,016 3,174	10,008 3,619	11,284 4,193	11, 985 4,438	1 3,154 4,590	13,218 4 ,377	5,186	14,969 4,871	19,142 6,147	7,174	23,963 8,365	29,077 10,600	34,588 12,295	42,282 15,247	16,969	18,719	22,48
3251-53,	Purchased R&D Chemicals minus pharmaceutical and	3,824	4,346	4,737	5,199	5,842	6,389	7,091	7,547	8,564	8,841	10,038	10,098	12,995	14,192	15,599	18,477	22,293	27,035	28,231	32,097	44,96
3255-56, 3259	medicine manufacturing Own account	4,968 3,060	5,516 3,394		6,582 4,027	6,861 4,205	6,683 4,075	6,961 4,240	6,507 3,916	6,583 3,919	7,208 4,285	6,694 3,936	9,702 5,789		8,752 5,134	8,615 4,960	7,268 4,040	7,901 4 ,303	8,292 4,501	8,695 4,749		9,63
1	Purchased R&D	1,908	2,122		2,555	2,656	2,608	2,721		2,664	2,923	2,758	3,913		3,618	3,655	3,228	3,598		3,946		
334	Computer and electronic product manufacturing	14,547	15,097		15,071	15,258	16,245	16,236	18,180	22,387	26,029		32,946		41,458	45,663	43,806	43,670	42,061	44,302		51,50
	Own account Purchased R&D	12,692 1,856			13,028 2,043	13,165 2,093	14,030 2,215	14,020 2,216	15,701 2,479	19,248 3,138	22,393 3,636	26,485 4,211	27,970 4,976			38,443 7,221	37,145 6,660	36,664 7,006	35,085 6,976			
3341	Computer and peripheral equipment			'																		
	Own account	3,714 3,230	3,853 3,355	3,391	3,792 3,269	3,835 3,306	4,080 3,518	4,079 3,518	4,559 3,926	5,590 4,807	6,498 5,587	7,681 6,615	8,152 7,015	3,485	4,888 4,165	3,109 2,617	3,728 3,162	3,198 2,679	5,462 4,601	4,751 3,949		5,07
3342	Purchased R&D Communications equipment	484	498	500	523	529	563	561	633	784	911	1,066	1,136	620	723	492	566	519	861	802	1,276	1,27
	manufacturing Own account	1,560 1,300			1,399 1,122	1,420 1,134	1,509 1,209	1, 502 1,205	1,683 1,349	2,100 1,658	2,447 1,934	2,878 2,288	8,600 7,012		13,145 10,707	18,526 15,175	12,463 10,171	11,953 9,676	8,765 6,981	9,968 8,065		11,65 9,29
	Purchased R&D	260	264		278	286	300	298	334	441	514		1,589	1,458	2,438	3,351	2,292	2,276	1,784	1,903	2,278	
3344	Semiconductor and other electronic component manufacturing	6,580	6,818	6,855	7,046	7,126	7,595	7,589	8,515	10,474	12,181	14,393	9,538	11,016	12,679	14,780	15,537	16,903	18,027	19,211		19,43
	Own account	5,923 656	6,138 680		6,324 722	6,388 738	6,81 1 784	6,808 782	7,631 883	9,357 1,117	10,887 1,294	12,872 1,521	8,464 1,075		11,239 1,440	13,032 1,748		14,720 2,183	15,665 2,362	16,647 2,564		16,21 3,22
334 5	Navigational, measuring,	"								.,	1,20	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,	. ,====	.,	.,,	1,00	_,	_,,,,,	_,,,,,	,,,,,,	, ,,
	electromedical, and control instruments manufacturing	2,440			2,568	2,608	2,774	2,779	3,103	3,829	4,446		6,084			8,221		10,929	8,720	9,361		
	Own accountPurchased R&D	2,022 418			2,087 481	2,108 500	2,249 525	2,246 533	2,522 581	3,093 736	3,599 846		4,996 1,089			6,756 1,465		9,023 1,906	6,941 1,779	7,350 2,010		10,65 2,55
3343, 3346	Other computer and electronic products manufacturing	254	263	265	266	269	286	287	320	393	456	540	E 74	733	300	1,028	EE0.	6 8 7	1,087	1,011	1,084	86
3340	Own account	217	225	227	226	229	243	244	272	333	386	457	571 483	617	251	863	550 456	566	898	763	838	66
336	Purchased R&D Transportation equipment	37	38	38	40	40	43	43	48	61	70	82	88	116	49	165	94	121	189	249	247	19
	manufacturing Own account	16,406 13,083			16,494 12,879	17,128 13,356	19,005 15,006	19,064 14,807	20,127 15,483	21,839 16,484			21,857 16,354		24,501 17,606	22,858 16,476		28,276 20,631	28,536 20,420			
2024 22	Purchased R&D	3,322			3,614	3,772	3,999	4,257	4,644	5,355	5,798		5,502		6,895	6,381	6,277	7,645				9,58
3361-63	Motor vehicles, bodies and trailers, and parts manufacturing	8,009			9,220	9,706	9,919	11,429	12,802	14,544	15,772		14,684		19,629	17,633	16,926	19,113				
-	Own account	5,665 2,344			6,528 2,692		7,026 2,893	8,122 3,307	9,089 3,714	10,195 4,350			10,196 4,488			12,092 5,541	11,595 5,331	12,811 6 ,302	11,402 6,074			11,64
3364	Aerospace product and parts manufacturing	7,983	7,877	7,603	6,913	7,059	8,636	7,218	6,925	6,905	7,242	7,240	6,777	5,586	4,170	4,364	5,585	8,102	9,905	11,894	12,562	13,92
	Own account	7,043 940	6,947	6,716		6,162 897	7,574 1,062	6,308 910	6,033 891		6,225 1,017	6,204	5,806 970		3,417			6,863 1,240	7,998		10,527	11,46 2,46
3365-66,	Other transportation equipment																		1			
3369	manufacturing Own account	414 376		350	360 324	363 327	450 407	416 376	400 361				396 352		702 615	861 760	930 842	1,060 956		1,342 1,194		
5112	Purchased R&D Software publishers	38 1,618			36 1. 701	36 2,259	43 2,371	40 2,993	39 3,112		43 6,289		44 9.173		87 12,491	101 13,240	88 13.512	104 15.954	135 16.244	148 16,49 7	1	1
3112	Own account	1,561	1,930	2,238	1,623 78	2,170 89	2,278 92	2,891 102	3,005 107		6,102 187	6,997	8,924 249	10,460	12,149	12,861 379	13,119	15,444 510	15,698		17,940	18,13
52-53	Purchased R&D Finance, insurance, real estate, rental,								i													
	and leasing Own account	327 293	391 358		426 382	581 527	587 533	623 569	586 530				1,792 1,623					1,755 1,483				
5415	Purchased R&D Computer systems design and related	34	33	33	43	54	54	55	56	91	124	136	169	215	341	275		272	343	444	393	41
3413	services	1,163			1,175					2,027					5,936			14,666				
	Own account	1,105 58	82	97	1,045 130	170	1,544 175	190	189	1,802 225	270	322	2,665 323	447	585	10,792 1,099	1,496	1,442	1,189	1,517	1,624	2,74
5417	Scientific R&D services Own account	614 393	339		1,960 1,654					3,063 2,607			6,091 5,473			9,301 8,404						
1	Purchased R&D All other for-profit industries	222 24,026	1		307 35,741	330	342 40,605	361		456	510	578	618	769	840	897	981	1,129	1,243	1,672	1,719	2,16
	Own account	19,367	21,703	25,497	28,696	32,604	32,626	31,239	30,706	42,492 33,699	35,802	39,973	54,353 42,983	49,546	51,877	58,987 45,948	35,317		32,989	36,784	41,233	44,85
	Purchased R&D Ionprofit industries	4,660 2,508		1		7,890 3,953	7,978 4,225		7,836 4,590			1 '	11,370 5,777	1	13,890 6,623	13,040 7, 0 31		10,914 7,983				
	Own account Purchased R&D	1,596 913	1,891	2,115	2,271	2,547 1,406	2,725 1,500	2,863	2,932	3,062	3,268	3,496	3,738 2,039	3,880		4,310 2,721	4,654	4,929	4,997	5,431	5,848	6,30
c	Government	71,352	73,058	73,723	75,505	74,410	73,902	73,647	74,441	75,954	76,506	78,014	79,411	80,476	81,555	88,196	94,631	102,629	109,746	115,440	120,420	125,66
	Own account Purchased R&D	15,796 55,556					19,196 54,706						21,550 57,861	22,517 57,958		27,782 60,414	29,935 64,696			34,270 81,170		
	Federal government	67,791 13,476	69,152 14,159		70,813 15,627	69,425 15,511	68,786 15,845					71,317	72,293	72,765 17,283	73,086			92,326	99,079		108,282	
ļ	Purchased R&D	54,315	54,993	54,358	55,186	53,914	52,941	51,973	52,432	53,827	54,043	54,632	55,54 3	55,482	53,710	57,580	61,657	67,338	73,993	77,645	81,248	84,73
i	State and local government Own account	3,561 2,320		2,810	3,074	3,267	3,351	3,471	5,509 3,656	3,767	4,039	4,462	7,119 4,800	5,234	5,803	6,343	6,812		7,210	7,777	8,442	9,07
1	Purchased R&D	1,241			1,618				1,853	1,984			2,318		2,666							

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

Table 5.2. Real Investment in R&D by Industry, 1987-2007

(Millions of chained (2005) dollars)

	1						(110 0 1011														
NAICS code	Industry	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
ALL	All industries ¹ Own account	57,078	60,724	125,247 65,719	68,106	134,904 73,094	76,465	77,340	79,325	1 58,252 88,248	177,816 101,964	1 99,620 1 1 7,101	131,730	148,218	170,929	180,832	177,444	180,626	182,558	195,260	208,598	218,482
ALIP	Purchased R&D All for-profit industries ²	58,359 55,909		59,528 65,005	61,933 68,139	61,810 74,310	62,347 77,969	62,560 78,926	64,124 81.474	70,004	75,852 108,844	82,519 125 708							143,859			182,200 266,335
ALLI	Own account	43,061	45,989	50,075	51,688	56,604	59,394	59,586	61,219	69,560	81,988	95,288	108,261	122,899	142,392	148,715	142,465	143,045	144,690	155,558	167,718	175,797
325	Purchased R&D Chemical manufacturing	12,848 8,598	13,880 9,586	14,930 10,292	16,451 11,327	17,706 12,277	18,575 12,998		20,255 14,501	23,699 15,895			34,542 22,897	41,921 26,433	45,790 29,311	48,583 32,603	49,404 36,755		61,993 51,355		71,460 58,404	90,538 7 6,138
	Own account	3,978 4,620	4,461 5,125	4,813 5,479	5,257 6,070	5,705 6,571	5,992 7,007	6,584 7,660	6,551 7,950	6,853 9,042	7,329 9,954	8,075 11,327	9,893 13,004	10,595 15,838	11,978	13,335 19,268	14,805 21,949	16,885 2 6 ,337	20,052	21,718	22,758	26,713 49,425
3254	Pharmaceutical and medicine			}																		
	Manufacturing Own account Purchased R&D	4,594 1,511	5,216 1,772 3,443	5,684 1,977	6,174 2,104	6,972 2,454	7,794 2,818	8,810 3,274	9,398 3,480	10,594 3,697	11,184 3,703	13,476 4,591	13,893 4,521	18,360 5,896	20,794 6,982	23,981 8,371	29,404 10,720	35,184 12,507	15,482	45,199 16,969	18,518	66,620 22,210
3251-53,	Chemicals minus pharmaceutical	3,082	3,443	3,706	4,070	4,518	4,976	5,536	5,918	6,897	7,481	8,885	9,372	12,464	13,812	15,611	18,685	22,677	27,452	28,231	31,753	44,410
3255-56, 3259	and medicine manufacturing Own account	4,004 2,466	4,370 2.689	4,608 2,835	5,153 3,152	5,305 3,251	5,204 3 ,173	5,435 3,310	5,103 3,071	5,302 3,156	6,099 3,626	5,925 3,484	9,004 5,372	8,073 4,700	8,517 4,996	8,622 4,964	7,350 4,086	8,037 4,378	8,420 4,570			9,518 4,502
334	Purchased R&D Computer and electronic product	1,538	1,681	1,773	2,000	2,054	2,031	2,124	2,032	2,145	2,473	2,441	3,632	3,373	3,521	3,658	3,264	3,660				
334	manufacturing	11,724		11,913		11,798	12,651	12,676	14,256	18,029			30,576	31,257	40,347	45,698	44,299	44,422	42,710			
	Own account	10,229 1,496	10,443 1,519	10,407 1,506	10,199 1,600	10,180 1,619	10,927 1,725	10, 9 46 1,730	12,313 1,944	15,501 2,528	18,946 3,076		25,958 4,618	26,405 4,852	34,170 6,177	38,472 7,226	37,564 6, 7 35	37,295 7, 1 27	35,627 7,083	36,774 7,528		41,395 9,480
3341	Computer and peripheral equipment manufacturing	2,993	3,053	3,044	2,969	2,966	3,178	3,185	3,575	4,502	5,498	6,799	7,565	3,938	4,757	3,111	3.770	3,253	5,546	4,751	7,103	6,271
	Own account	2,603 390	2,658 395	2,653 391	2,559 409	2,556 409	2,739 438	2,747 438	3,079 496	3,871 631	4,727 771	5,855 944	6,511 1,055	3,343 595	4,053 704	2,618 492	3,198 573	2,725 528	4,672 874	3,949	5,841	5,011
3342	Communications equipment																					
	manufacturing	1,257 1,048	1,289 1,079		1, 096 878	1,098 877	1,175 942	1,173 941	1,320 1,058	1, 691 1,336	2,071 1,636	2,547 2,025	7,982 6,508	7,092 5,693	12,793 10,420	18,539 15,186	12,603 10,285	12,159 9,843	8,900 7,088	8,065	9,053	9,183
3344	Purchased R&D Semiconductor and other electronic	210	209	203	217	221	234	232	262	355	435	522	1,474	1,399	2,373	3,353	2,318	2,316	1,812	1,903	2,253	2,326
	component manufacturing Own account	5,303 4,774	5,402 4,864	5,363 4,830	5,516 4,951	5,510 4,940	5,915 5,304	5,925 5,315	6,677 5,984	8,435 7,536	10,307 9,211	12,740 11,394	8,852 7,855	10,566 9,330	12,339 10,938	14,791 13,042	15,712 13,803	17,194 14,973	18,306 15,907	19,211 16,647	19,244 16,448	
00.45	Purchased R&D	529	539	533	565	571	611	610	693	899	1,095		9 97	1,237	1,401	1,749	1,908		2,399			
3345	Navigational, measuring, electromedical, and control																					
	Own account	1, 966 1,629	2,010 1,663	2,007 1,657	2,010 1,634	2,016 1,630	2,160 1,751	2,170 1,754	2,433 1,978	3,084 2,491	3,762 3,045	4,607 3,765	5,647 4,636	8,958 7,448	10,166 8,514	8,227 6,761	9,816		8,855 7,048	9,361 7,350	9,195	10.520
3343.	Purchased R&D Other computer and electronic	337	346	350	377	386	409	416	455	593	716	842	1,010	1,510	1,651	1,466	1,841	1,939	1,807	2,010	2,045	2,523
3346	products manufacturing Own account	205 175	208 178	207 178	208 177	208 177	223 190	224 190	251 213	317 268	386 327	478 405	530 448	703 592	292 244	1,029 864	556 461	699 576	1,104 911		1, 073 829	852 661
	Purchased R&D	30	30	30	31	31	33	33	38	49	60	73	82	111	48	165	95	123	192	249	244	191
336	Transportation equipment manufacturing Own account	13,222 10,545	10,640	1 3,708 10,847	12,913 10,083	13,244 10,327	14,801 11,687	14,884 11,560	1 5,783 12,142	17,588 13,275	14,912	15,208	20,285 15,178	24,360 17,655	23,845 17,134	22,875 16,488	23,705 17,358	28,763 20,986		22,597	23,785	24,113
3361-63	Purchased R&D	2,678	2,745	2,861	2,830	2,917	3,114	3,323	3,642	4,312	4,905	5,017	5,107	6,705	6,710	6,386	6,347	7,777	8,242	8,581	8,598	9,467
	parts manufacturing Own account	6,455 4,566	6,822 4,844	7,458 5,320	7,218 5,111	7, 505 5,310	7,725 5,472	8,923 6,341	10,039 7,127	11,713 8,210		13,463 9,402	13,628 9,463	18,419 12,636	19,103 13,210	17,647 12,101	17,117 11,726	19,442 13,032				
2264	Purchased R&D	1,889	1,978	2,139	2,108	2,195	2,253	2,582	2,912	3,503	4,008	4,061	4,165	5,783	5,893	5,546	5,391	6,410	6,168			
3364	Aerospace product and parts manufacturing	6,434		5,948	5,412	5,458	6,726	5,636	5,430	5,561	6,127	6,409	6,289	5,358	4,058	4,367	5,647	8,242	10,058			13,752
	Own account Purchased R&D	5,676 758	5,505 737	5,254 694	4,718 694	4,765 694	5,898 827	4,925 711	4,731 699	4,784 776	5,267 860	5,491 918	5,389 901	4,494 863	3,326 733	3,627 740	4,780 867	6,981 1,26 1	8,122 1,936		10,414 2,013	11,320 2,432
3365-66, 3369	Other transportation equipment manufacturing	334	321	302	282	281	350	325	314	314	346	353	367	583	683	861	941	1,079	1,172	1,342	1,547	1,736
	Own account	303 31	291 30	274 28	254 28	253 28	317 34	294 31	283 31	281 33	309 37	314 39	326 41	524 59	599 84	761 101	852 89	973 106	1,035 137		1,265	1,290 446
5112	Software publishers	1, 304 1,258	1,579 1,530	1,803	1,332 1,271	1, 747 1,678	1,846 1,774	2,337 2,25 7	2,440 2,356	2,885 2,771		6,377 6,194	8,513 8,282	10,336 10,032	12,156 11,823	13,250 12,871	13,664 13,267	16,228 15,710	16,494 15,940	16,497 15,983	18,405	
	Purchased R&D	46	50	1,751 52	61	69	72	80	84	113	158	183	231	304	333	380	397	518	555		658	1,028
52-53	Finance, insurance, real estate, rental, and leasing	263	310	369	333	449	457	487	460	543	992	1,243	1,663	1,629	4,060	2,633	2,171	1,785	1,963			2,175
	Own account	236 27	283 26	343 26	299 34	407 42	415 42	444 43	416 44	469 74	886 105	1,122 120	1,506 157	1,423 206	3,728 332	2,358 275	1,930 241	1,508 277	1,615 348			
5415	Computer systems design and related services	938	1,232	1.440	920	1,294	1,339	1,489	1,438	1,632	2,114	2,754	2,773	3,962	5,777	11,900	16,355	14 918	11,612	13,524	14,188	14,642
	Own account	890		1,364 76	818 102	1,162 131	1,203 136		1,289 148	1,451 181	1,886 228	2,469 285	2,473 300	3,534 429	5,208 569	10,800 1,100	14,841 1,513	13,451	10,405		12,581	11,934
5417	Scientific R&D services	495	468	811	1,535	2,189	2,255	2,346	2,372	2,467	3,006	3,904	5,653	6,470	8,683	9,308	7,976	7,022	8,080	8,517	8,630	9,803
	Own account	179	269 199	603 208	1,295 240	1,933 255	1,988 267	2,064 282	2,073 298	2,100 367	2,575 431	3,392 512	5,079 574	5,733 737	7,865 818	8,410 898	6,984 992	5,874 1,148				7,663 2,140
	All other for-profit industries Own account				27,981 22,466	31,312 25,211	31,622 25,409	30,463 24,389	30,224 24,079	34,221 27,139	38,289 30,292		50,444 39,892	60,372 47,522	64,005 50.487	59,031 45,982	46,944 35,715	42,439 31,336				60,180 44,299
	Purchased R&D	3,755	4,152	4,722	5,515	6,101	6,213	6,074	6,145	7,082	7,998	9,338	10,552	12,851	13,517	13,049	11,229	11,102	11,994	13,077	14,2 6 3	15,881
	Own account	2,022 1,286	2,318 1,498	1,655	2,788 1,778	3,057 1,970	3,290 2,122	3,475 2,235	3,599 2,299	3,824 2,466	4,242 2,765	3,094	5,361 3,469	5,877 3,722	6,445 4,031	7,036 4,313	7,709 4,706	8,121 5,014		8,804 5,431	5,785	6,231
	Purchased R&D	735 57,506	819 57,887	911 57,675	1,010 59,112	1,087 57,537	1,168 57,553		1,300 58,376	1,358 61,169			1,893 73,700	2,155 77,188	2,414 79,369	2,723 88,262	3,002 95,697	3,107 104,396	3,219 111,440		3,584 119,12 7	3,991 124,125
	Own account	12,731 44,775	13,236 44,650	13,989	14,640 44,471	14,521 43,017	14,949 42,604	15,519	15,806 42,570	16,222 44,947	17,211	18,719	20,000 53,700	21,597 55,591	24,505 54,864	27,803 60,459	30,272	32,567	32, 7 94 78,646	34,270	35,095	
	Federal government	54,636	54,792	54,316	55,439	53,683	53,569	53,387	54,056	56,537	59,519	63,128	67,093	69,793	71,128	79,078	85,736	93,916	100,608	104,138	107,119	111,181
	Own account	10,861 43,775		11,790 42,526	12,234 43,204	11,994 41,689		40,578	41,117	13,188 43,349	45,725	48,359	51,548				23,384 62,352	68,497		77,645	80,375	83,695
	State and local government Own account	2,870 1,870	3,095 2,018	3,359 2,199	3,673 2,406	3,855 2,526	3,985 2,610		4,320 2,867	4,632 3,034	3,418	5,928 3,950	6,607 4,455	7,395 5,020	8,242 5,648	9,184 6,348	9,962 6,889	10,481 7,148	10,832 7,321	11,302 7,777	12,007 8,351	12,943 8,968
	Purchased R&D	1,000		1,160	1,267	1,328	1,375		1,453	1,598	1,794	1,978		2,375	2,594	2,836	3,073	3,332	3,511		3,656	3,975

Matches total R&D investment in table 2.2.
 Matches the total for private business in table 2.2.
 NAICS North American Industry Classification System R&D Research and development

Table 6.1. Private Industry Value Added and Private Industry Value Added With R&D Treated as Investment, 1987–2007

-	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	
Current-dollar value added:					Millions o	f dollars					
Unadjusted for R&D as investment1Adjusted for R&D as investment2	3,894,641 3,960,114	4,192,514 4,263,789	4,508,112 4,586,528	4,748,595 4,830,564	4,870,171 4,960,817	5,158,309 5,252,580	5,433,648 5,528,505	5,802,879 5,900,151	6,085,290 6,194,077	6,455,782 6,577,022	
	J.		,	J-	Perc	ent					
Percent change in value added ³	1.7	1.7	1.7	1.7	1.9	1.8	1.7	1.7	1.8	1.9	
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Current-dollar value added:					M	illions of dollar	s		· 		
Unadjusted for R&D as investment¹ Adjusted for R&D as investment²	6,895,474 7,029, 7 97	7,296,282 7,441,613	7,776,719 7,936,289	8,284,494 8,462,780	8,531,038 8,712,649	8,767,744 8,941,999	9,148,326 9,325,926	9,761,783 9,944,528	10,424,239 10,622,936	11,060,647 11,280,305	11,603,758 11,849,766
				'		Percent				····	
Percent change in value added3	1.9	2.0	2.1	2.2	2.1	2.0	1.9	1.9	1.9	2.0	2.1
	!		·	Percent char	nge from prec	eding period at	annual rates	'		,	
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	
Current-dollar value added: Unadjusted for R&D as investment Adjusted for R&D as investment		7.6 7.7	7.5 7.6	5.3 5.3	2.6 2.7	5.9 5.9	5.3 5.3	6. 8 6.7	4.9 5.0	6.1 6.2	
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Current-dollar value added: Unadjusted for R&D as investment Adjusted for R&D as investment	6.8 6.9	5.8 5.9	6.6 6.6	6.5 6.6	3.0 3.0	2.8 2.6	4.3 4.3	6.7 6.6	6.8 6.8	6.1 6.2	4.9 5.0

Corresponds to published values.
 Adjusted value added incorporates the impact of treating R&D as investment and the removal of the R&D software investment double-count.
 Calculated as the ratio of the adjustment to unadjusted value added.
 R&D Research and development

Table 6.2. Average Annual Effect of Treating R&D as Investment, Levels and Growth Rates of Gross Output, Intermediate Inputs, and Value Added, 1987–2007

(Percent)

		Avera	age annual pe	ercent	İ		Average annu	al growth rates		
			effect on level	S	Gross	output	Intermed	iate inputs	Value	added
NAICS code	Industry	Gross output	Inter- mediate inputs	Value added	Unadjusted	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	6.9	-28.1	36.5	7.7 2.8	8.1	6.6 3.6	3.0 0.1	8.8 2.2	10.1 4.3
	Aggregate performers output price index					3.6	3.6	-1.4	2.2	5.4
3251-53, 3255-56,	Chemicals minus pharmaceutical and medicine manufacturing:									
3259	Nominal Input price index	1.4	-1.5	8.2		4.3	4.7	4.7	3.7	3.6
	Aggregate performers output price index		***************************************		1.1	1.1	8.0 8.0	0.8 0.7	2.5 2.5	2.2 2.6
3341	Computer and peripheral equipment manufacturing:									
	Nominal Input price index	4.9	-1.6	16.0	2.0	: 2.0 18.7	1.1	1.0	4.6 47.6	4.6 39.4
	Aggregate performers output price index				19.8	19.0	7.2	7.2	47.6	40.4
3342	Communications equipment manufacturing:	65	-25	29.9	4.1	4.5	3.4	3.1	6.0	7.1
	Nominal Input price index Inpu				6.6	6.7	6.0	5.8	9.5	8.0
2244	Aggregate performers output price index Semiconductor and other electronic component			.,,	6.6	7.0	6.0	5.7	9.5	9.0
3344	manufacturing:									
	Nominal				5.0 17.9	5.0 16.5	3.9 4.9	3.7 4.9	6.6 42.5	6.4
	Aggregate performers output price index					16.9	4.9	4.8	42.5	34.0
3345	Navigational, measuring, electromedical, and control instruments manufacturing:									
	Nominal	5.2		14.8	3.5	3.7	3.3	3.1	3.9	4.4
	Input price index				2.3 2.3	2.4 2.6	4.0 4.0	4.0 3.9	0.1 0.1	0.6 1.1
	Other computer and electronic products manufacturing:					i I				
3346	Nominal	2.7	-1.0	8.4	0.7	0.8 2.3	-0.4 2.1	-0.6 2.0	3.1 4.1	3.1 3.5
	Aggregate performers output price index				2.2	2.4	2.1	2.0	4.1	3.8
3361–63	Motor vehicles, bodies and trailers, and parts manufacturing:									
	Nominal Input price index	2.6	-1.5	15.2	3.7	3.7	4.1	4.0	3.0	3.2
	Aggregate performers output price index				2.9 2.9	2.8	2.7 2.7	2.7 2.7	3.5 3.5	3.2 3.7
3364	Aerospace product and parts manufacturing	ł								
	Nominal Input price index	4.5	-1.6	13.4	3.1 0.7	3.0 0.6	4.0 2.3	4.0 2.3	2.4 -1.0	2.4 -1.0
	Aggregate performers output price index				0.7	0.8	2.3	2.2	-1.0	-0.5
3365–66, 3369	Other transportation equipment manufacturing: Nominal	1.6	-0.4	4.5	5.6	5.6	7.3	7.2	4.2	4.4
-	Nominal Input price index				3.2	3.2	5.1	5.0	1.3	1.4
5112	Aggregate performers output price index Software publishers:			 	3.2	3.2	5.1	5.0	1.3	1.6
•	Nominal	7.0	-0.8	15.1		14.6	16.3	16.3	14.3	14.4
	Input price index Aggregate performers output price index				21.5 21.5	20.7 21.3	15.8 15.8	15.8 15.8	29.5 29.5	26.7 27.8
52-53	Finance, insurance, real estate, rental, and leasing:		0.0	0.1	7.0	. 70	0.4	0.1		
	Nominal Input price index	0.0	0.0	0.1	7.0 4.0	7.0 4.0	8.1 5.5	8.1 5.5	6.3 3.2	6.3 3.2
E 41 E	Aggregate performers output price index				4.0	4.0	5.5	5.5	3.2	3.2
5415	Nominal	2.0	-1.9	3.6	11.9	12.0	16.6	16.5	10.8	
	Nominal Input price index Aggregate performers output price index				10.4 10.4	10.4 10.6	15.7 15.7	15.6 15.6	9.3 9.3	9.3 9.6
5417	Scientific R&D services:		1							
	Nominal	6.8	-3.4	12.6	9.8 6.2	9.9 6.2	11.5 8.6	11.5 8.6	8.8 4.8	9.2 5.0
	Aggregate performers output price index				6.2	8.1	8.6	8.5	4.8	7.9
	All other industries: Nominal	0.4	-0.2	0.9	5.4	5.3	5.3	5.3	5.4	5.4
	Input price index				2.7	2.6	2.5	2.5	2.8	2.8
	Aggregate performers output price index				2.7	2.7	2.5	2.5	2.8	2.8
	Nominal	0.5	-0.8	1.4	6.9	6.9	6.7	6.7	7.0	7.0
	Input price index				3.1 3.1	3.1	3.6 3.6	3.6 3.6	2.7 2.7	2.8 2.8
	Federal government:				i -					
	Nominal	7.0	-0.8	15.1	4.2 0.7	4.1 0.9	4.6 2.1	5.4 2.8	3.9 0.1	3.7 0.2
	Aggregate performers output price index				0.7	1.2	2.1	0.5	-0.1	1.4
	State and local government: Nominal	7.0	-0.8	15.1	6.1	6.1	6.9	6.9	5.7	5.7
	Input price index				2.3	2.3	3.5	3.5	1.7	1.8
	Aggregate performers output price index				2.3	2.3	3.5	3.5	1.7	1.8

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

1. Corresponds to estimates of gross domestic product by industry.

Table 7.1A. Gross Output by Industry With R&D Treated as Investment, 1987–2007

(Millions of dollars)

			1		I				1994			
25	All industries	8,713,359	9,442,157	10,062,118	10.606,104	10,781,844	11,352,711	11,970,348	12,762,970	13.574,000	14,390,929	
25	All for-profit industries		7.992.503	8.505.290	8.926.485	8.995.956	9,475,622	10.012.022	10.719.035	11,446,475	12,174,922	
	Chemical manufacturing	7,357,291 241,393	273,940	297,200	305,531	311,639	321,412	330,309	350,139	376,462	382,243	
	Pharmaceutical and medicine manufacturing	39,720	45,647	51,904	57,246	65,488	68,770	72,261	77,195	82,383	87.351	
	That the second and the second that the second the seco	00,720	.0,0	0.,00	0.,2.0	00,100	55,		,		0.,00	
,	Chemicals minus pharmaceutical and medicine											
9	manufacturing	201,673	228,294	245,295	248,285	246,151	252,642	258,048	272,944	294,079	294,892	
4	Computer and electronic product manufacturing	228,521	249,672	254,041	262,719	264,881	281,967	294,598	330,757	385,445	413,888	
1	Computer and peripheral equipment manufacturing	57,525	64,660	62,047	61,491	57,468	63,530	66,045	75,119	88,660	100,252	
2	Communications equipment manufacturing	35,615	37,747	37,560	40,286	39,544	44,450	47,201	55,137	61,547	70,979	
4	Semiconductor and other electronic component	E 4 005	04 000	CE C44	00 405	74 100	77 711	04.000	101 014	100 070	104.000	
5	manufacturing	54,325	61,230	65,644	66,465	71,186	77,711	84,992	101,614	126,672	134,685	
٦	instruments manufacturing	68,481	72,788	74,913	79,996	81,333	79,953	79,125	79,467	87,016	89,251	
3.	moti amonto manalactaring	00,701	72,700	74,510	, 5,556	01,000	, 0,000	70,120	10,407	0, 0,0	00,20	
6	Other computer and electronic products manufacturing	12,575	13.247	13,877	14.480	15,351	16.323	17,234	19,421	21,550	18,722	
6	Transportation equipment manufacturing	379,216	405,853	421,275	413,119	401,332	438,873	464,772	506,935	517,871	531,804	
3	Motor vehicles, bodies and trailers, and parts											
	manufacturing	246,265	265,729	276,548	255,986	246,308	282,865	318,706	372,640	388,757	394,175	
4	Aerospace product and parts manufacturing	111,576	117,163	120,124	131,770	131,956	131,384	119,035	105,878	100,431	106,814	
), 9	Other transportation equipment manufacturing	21,375	22,960	24,604	25,363	23,068	24,624	27.030	28,418	28,682	30.815	
2	Software publishers	11,331	14,100	16,351	17,463	19,738	22,683	29,540	36,558	45,452	60,064	
3	Finance, insurance, real estate, rental, and leasing	1,233,568	1,344,678	1,438,354	1,533,474	1,599,884	1,690,455	1.814,696	1,927,570			
5	Computer systems design and related services	25,142	29,552	34,030	37,216	40,750	44,487	50,817	58,737	67,085	81,158	
7	Scientific R&D services	20,365	24,064	27,070	30,233	30,615	32,227	34,666	36,109	37,885	43,787	
1.	All other for-profit industries	5,217,754	5,650,643	6,016,970		6,327,117	6,643,518	6,992,625	7,472,229	7,963,612		
ľ	Nonprofit industries	313,501	347,320	380,131	419,929	450,801	485,084	516,265	543,324	575,457	612,475	
ď	Government	1,042,566 446,255	1,102,335 463,671	1,176,697 488,082	1,259,691 513,183	1,335,088 540,804	1,392,005 550,498	1,442,061 550,709	1,500,611 555,768	1,552,067 555,382	1,603,532 562,756	
	State and local government.	596,312	638,664	688,615	746,508	794,284	841,507	891,352	944,844	996,685		
+	State and local government.											_
		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	L
1	All industries	15,300,939	16,133,222	17,171,250	18,478,206	18,745,979	19,035,956	19,989,789	21,426,765	23,252,424	24,680,575	
1	All for-profit industries	12,994,980	13,723,144	14,619,535	15,754,987	15,842,403	15,942,805	16,707,654	17,963,908	19,571,831	20,772,634	
5	Chemical manufacturing	411,575	415,979	423,397	446,574	438,257	463,125	483,655	535,956	595,975	640,160	
4	Pharmaceutical and medicine manufacturing	94,103	105,080	112,851	121,737	134,977	148,993	159,912	167,549	175,926	188,024	
3,	Observational and a servation of the ser											
9	Chemicals minus pharmaceutical and medicine manufacturing	317,472	310,899	310.546	324,836	303,280	314,132	323,744	368,406	420.049	452,137	
4	Computer and electronic product manufacturing	455,554	456,147	480,974	536,423	451,912	388.032	391,309	403,479	413,020	432,137	
ī	Computer and peripheral equipment manufacturing	109.925	111.215	107,797	107.188	87,877	73,638	71,810	68,677	73,233	77,667	
2	Communications equipment manufacturing	83,934	91,051	100,813	129,204	111,312	72,832	69,836	67,399	66,419	77,090	
4	Semiconductor and other electronic component		,				ļ	·				
	manufacturing	150,337	139,739	155,554	176,272	132,856	123,215	129,122	132,670	137,384	134,012	
5	Navigational, measuring, electromedical, and control	00.400	05 450	00.470	100 474	100.000	101.000	101.005	145.00	440.450	100.045	
3.	instruments manufacturing	93,428	95,152	99,176	106,171	103,020	101,868	104,205	115,267	118,159	126,245	
6	Other computer and electronic products manufacturing	17.931	18.991	17.633	17,588	16.847	16,479	16,335	19.467	17.825	16.631	
6	Transportation equipment manufacturing	583,055	627,523	683,256	635,380	604,893	640,980	663,141	668,727	702,424	712,076	ŀ
3	Motor vehicles, bodies and trailers, and parts										1	
	manufacturing	426,750	443,342	505,733	477,796	430,328	472,929	495,713	497,436	502,832	502,184	1
4	Aerospace product and parts manufacturing	123,188	148,549	138,882	116,508	134,813	125,769	124,484	124,649	149,070	154,869	1
3, 9	Other transportation equipment manufacturies	33,117	OF EDD	38.640	41.076	39,752	40.000	42,944	46.640	E0 E00	EE 000	
2	Other transportation equipment manufacturing Software publishers	70,776	35,633 85,781	99,988	112,341	39,752 119,739	42,282 120,825	123,586	46,642 130,674	50,522 138,238	55,023 151,850	
3	Finance, insurance, real estate, rental, and leasing	2,358,494	2,559,617	2,791,549	3,107,938	3,228,513	3,341,096			4,226,262	4,507,157	
5	Computer systems design and related services	104,391	130,637	157,810			179,723	176,730	176,151	191,039		
7	Scientific R&D services	51,336	59,267	66,063	76,758	85,978	93,855	97,076	104,067	112,515	123,830	ı
-	All other for-profit industries	8,959,799	9,388,193	9,916,499	10,659,883	10,728,513	10,715,169	11,230,440	12,101,506	13,192,358	14,000,639	1
	Nonprofit industries	641,289	688,510			846,883	902,546	947,895	993,811			
ľ	Government	1,664,671	1,721,568		1,935,267	2,056,693	2,190,605		2,469,045		2,781,715 953,135	
	Federal government	572,509	571,119 1,150,449		620,339 1,314,928	650,164 1,406,529	709,724 1,480,881	782,835 1,551,405	846,393 1,622,652	899,734 1,725,159		

Nore. Gross output with R&D treated as investment and the removal of the R&D software investment double-count. NAICS North American Industry Classification System R&D Research and development

Table 7.1B. Gross Output by Industry With R&D Treated as Investment, 1987-2007

(Millions of chained (2005) dollars)

S	Industry	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	
	All industries	13,160,268	13,787,340	14,147,659	14,400,747	14.310.058	14,790,212	15,256,361	15,961,825	16,530,078	17,250,128	-
	All for-profit industries	10,736,322	11,288,154	11,578,889		11,668,928	12,100,299					
25		10,730,322							13,160,995		14,343,247	
	Chemical manufacturing	419,798	440,770	453,283	459,344	456,413	465,680	469,323	483,853	488,380	494,694	
54	Pharmaceutical and medicine manufacturing	86,747	92,991	97,665	99,777	106,161	104,898	106,039	110,112	114,499	118,610	
3,									İ		:	
6,	Chemicals minus pharmaceutical and medicine											
59	manufacturing	333,243	348,453	356,797	360,920	352,589	362,868	365,401	375,950	376,303	378,713	
34	Computer and electronic product manufacturing	64,376	70,889	73,062	78,363	80,962	90,349	99,019	116,349	151,453	186,356	
1	Computer and peripheral equipment manufacturing	3,739	4,510	4,600	5,007	5,138	6,512	7.875	9.858	13,568	19,472	
2	Communications equipment manufacturing	23,076	24,601	24,556	26,657	26,167	29,528	31,421	37,114	43,121	50,544	
	Semiconductor and other electronic component	20,070	24,001	24,000	20,001	20,107	20,020	01,421	37,114	40,121	30,544	
14	manufacturing	7,559	8,400	9,272	10,184	11,432	13,474	15,577	20,109	21 160	41,872	
7	Navigational, measuring, electromedical, and control	7,559	0,400	9,212	10,104	11,432	13,474	15,577	20,109	31,168	41,6/2	
15	instruments manufacturing	82,698	85,533	85,124	88,303	87,272	84,284	82,326	81,972	00.740	00.700	
3,	Other computer and all streets and distance	02,090	05,555	05,124	00,303	01,212	04,204	02,320	61,972	88,748	90,760	
	Other computer and electronic products	0.540	40.440	40 500	40.000	44.500	40.474	40.400				
6	manufacturing	9,548	10,140	10,526	10,990	11,590	12,471	13,486	15,533	17,541	15,520	
6	Transportation equipment manufacturing	472,208	498,521	502,790	481,415	453,655	483,165	501,280	535,133	539,065	548,752	
	Motor vehicles, bodies and trailers, and parts					i					1	
3	manufacturing	286,646	304,089	308,041	280,422	262,642	294,959	325,448	372,235	384,166	386,721	
4	Aerospace product and parts manufacturing	165,168	172,420	171,447	181,350	175,166	168,505	149,585	130,243	121,348	127,559	
ô,											i	
9	Other transportation equipment manufacturing	31,856	33,704	34,707	34,454	30,236	31,417	33,923	35,111	33,951	35,805	
2	Software publishers	3,850	5,338	7,318	8,901	10,555	14,953	20,409	27,503	36,141	50,656	
3	Finance, insurance, real estate, rental, and leasing	2,046,737	2,151,713	2,204,980	2,252,802	2,257,739	2,292,685	2,396,500	2,489,847	2,556,066	2.683.570	
5	Computer systems design and related services	31,795	35,952	40,817	43,366	45,974	49,431	55,310	62,785	69,069	81,619	
7	Scientific R&D services	27,239	30,910	34,027	37,491	37,117	38,988	41,395	42,673	44,350	51,577	
	All other for-profit industries	8.039,926	8,423,044	8,635,429	8,778,238	8,680,128	9,000,463	9,263,487	9,699,236	10,029,552	10.424,686	
	Nonprofit industries	606,018	635,830	652,229	663,626	656,289	679,684	701,105	733,708	757,926	789.376	
	Government	1.860,848	1.899,494	1,954,551	2,004,765	2,031,786	2,052,174	2,068,506	2,097,500	2.111.755		
	Federal government	730.521	735,491	753,661	771,003	773,387	765,591	750,053	741,597	721,323		
	State and local government	1,119,906	1,154,839	1,191,872	1,224,727	1,250,017	1,279,628	1,313,337	1,352,179	1,388,524	1,414,975	
	otate and local government	1,113,300	1,134,003	1,131,072	1,227,121	1,230,017	1,273,020	1,010,007	1,002,179	1,300,324	1,414,573	
į		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
	All industries	18,147,657	19,177,443	20,158,735	21.078,432	21,137,884	21,262,035	21.687.042	22.391.064	23,252,424	23.785.861	24
	All for-profit industries	15,152,805	16,086,683			17,748,535			18,758,873	1	20,041,167	20
5	Chemical manufacturing	527,907	534,702	544,560	544,471	531,574	562,467	562,685		595.975		14
									588,571		604,179	
4	Pharmaceutical and medicine manufacturing	125,838	127,536	134,473	142,395	154,886	167,334	173,857	175,798	175,926	179,900	
3,	Object to the state of the stat							ĺ		i	1	1
6,	Chemicals minus pharmaceutical and medicine											1
9	manufacturing	404,838	409,969	412,480	403,766	377,172	395,293	388,260	412,697	420,049		ļ
4	Computer and electronic product manufacturing	228,486	268,434	323,197	402,939	382,090	343,949	364,941	390,429	413,020		1
1	Computer and peripheral equipment manufacturing	26,721	35,624	44,792	51,385	51,930	51,443	57,667	60,091	73,233	91,047	
2	Communications equipment manufacturing	60,344	68,666	79,556	106,993	95,943	65,356	65,716	66,162	66,419	78,504	1
	Semiconductor and other electronic component]						1
4	manufacturing	54,817	65,873	88,513	123,669	114,946	109,107	120,612	129,647	137,384	138,878	
	Navigational, measuring, electromedical, and control					1				1	1	
5	instruments manufacturing	94,404	96,351	101,345	108,944	106,177	104,035	105,543	116,042	118,159	124,769	
	Other computer and electronic products			1					· -	1		
3, I	manufacturing	15,194	16,234	15,338	15,535	15,253	15,430	15,646	19,149	17,825	16.873	
6		603,459	653,753	709,501	654,043	621,273	662,621	682,069	676,697	702,424		
6	Transportation equipment manufacturing		,	1.,	1 .,		1		2. 2,24,	1	:	
6	Transportation equipment manufacturing Motor vehicles, bodies and trailers, and parts	000,400				400.000	478,505	502,658	499,329	502.832	502.952	1
6	Motor vehicles, bodies and trailers, and parts	ĺ	442.580	504.171	474.778	429.830					149,880	
6	Motor vehicles, bodies and trailers, and parts manufacturing	421,443	442,580 175,676	504,171 162,731	474,778 132,965	429,830 149,875			128 485	149 070		
6 3 4	Motor vehicles, bodies and trailers, and parts	ĺ	442,580 175,676	504,171 162,731	474,778 132,965	149,875	138,251	132,689	128,485	149,070	145,000	
66 346	Motor vehicles, bodies and trailers, and parts manufacturing	421,443 146,295	175,676	162,731	132,965	149,875	138,251	132,689		1		1
66 34 69	Motor vehicles, bodies and trailers, and parts manufacturing	421,443 146,295 38,035	175,676 40,726	162,731 43,988	132,965 45,828	149,875 43,877	138,251 46,332	132,689 46,511	48,685	50,522	53,011	
66 34 692	Motor vehicles, bodies and trailers, and parts manufacturing	421,443 146,295 38,035 65,000	175,676 40,726 79,518	162,731 43,988 92,889	132,965 45,828 102,460	149,875 43,877 109,016	138,251 46,332 112,067	132,689 46,511 118,484	48,685 129,676	50,522 138,238	53,011 150,238	
66 346923	Motor vehicles, bodies and trailers, and parts manufacturing	421,443 146,295 38,035 65,000 2,776,602	175,676 40,726 79,518 2,965,294	43,988 92,889 3,197,791	132,965 45,828 102,460 3,493,676	149,875 43,877 109,016 3,587,074	138,251 46,332 112,067 3,609,686	46,511 118,484 3,730,581	48,685 129,676 3,937,298	50,522 138,238 4,226,262	53,011 150,238 4,398,204	
66 3469235	Molor vehicles, bodies and trailers, and parts manufacturing	421,443 146,295 38,035 65,000 2,776,602 101,491	175,676 40,726 79,518 2,965,294 129,598	43,988 92,889 3,197,791 154,038	45,828 102,460 3,493,676 170,412	149,875 43,877 109,016 3,587,074 174,337	138,251 46,332 112,067 3,609,686 172,280	132,689 46,511 118,484 3,730,581 172,763	48,685 129,676 3,937,298 175,755	50,522 138,238 4,226,262 191,039	53,011 150,238 4,398,204 202,834	١.
66 3469235	Molor vehicles, bodies and trailers, and parts manufacturing	421,443 146,295 38,035 65,000 2,776,602 101,491 56,918	175,676 40,726 79,518 2,965,294 129,598 66,041	162,731 43,988 92,889 3,197,791 154,038 73,594	45,828 102,460 3,493,676 170,412 83,452	149,875 43,877 109,016 3,587,074 174,337 93,260	138,251 46,332 112,067 3,609,686 172,280 101,284	132,689 46,511 118,484 3,730,581 172,763 102,939	48,685 129,676 3,937,298 175,755 107,811	50,522 138,238 4,226,262 191,039 112,515	53,011 150,238 4,398,204 202,834 121,786	
66 3469235	Motor vehicles, bodies and trailers, and parts manufacturing	421,443 146,295 38,035 65,000 2,776,602 101,491 56,918 10,920,276	175,676 40,726 79,518 2,965,294 129,598 66,041 11,476,954	162,731 43,988 92,889 3,197,791 154,038 73,594 11,914,315	132,965 45,828 102,460 3,493,676 170,412 83,452 12,343,558	149,875 43,877 109,016 3,587,074 174,337 93,260 12,254,152	138,251 46,332 112,067 3,609,686 172,280 101,284 12,198,503	132,689 46,511 118,484 3,730,581 172,763 102,939 12,379,502	48,685 129,676 3,937,298 175,755 107,811 12,755,112	50,522 138,238 4,226,262 191,039 112,515 13,192,358	53,011 150,238 4,398,204 202,834 121,786 13,410,386	13
66 346,92357	Molor vehicles, bodies and trailers, and parts manufacturing	421,443 146,295 38,035 65,000 2,776,602 101,491 56,918 10,920,276 826,072	175,676 40,726 79,518 2,965,294 129,598 66,041 11,476,954 863,792	162,731 43,988 92,889 3,197,791 154,038 73,594 11,914,315 892,475	132,965 45,828 102,460 3,493,676 170,412 83,452 12,343,558 928,663	149,875 43,877 109,016 3,587,074 174,337 93,260 12,254,152 964,648	138,251 46,332 112,067 3,609,686 172,280 101,284 12,198,503 1,000,737	132,689 46,511 118,484 3,730,581 172,763 102,939 12,379,502 1,018,781	48,685 129,676 3,937,298 175,755 107,811 12,755,112 1,033,304	50,522 138,238 4,226,262 191,039 112,515 13,192,358 1,055,700	53,011 150,238 4,398,204 202,834 121,786 13,410,386 1,086,967	13
3,6 6,6 6,6 6,9 1,7	Molor vehicles, bodies and trailers, and parts manufacturing	421,443 146,295 38,035 65,000 2,776,602 101,491 56,918 10,920,276 826,072 2,178,393	175,676 40,726 79,518 2,965,294 129,598 66,041 11,476,954 863,792 2,228,851	162,731 43,988 92,889 3,197,791 154,038 73,594 11,914,315 892,475 2,291,837	132,965 45,828 102,460 3,493,676 170,412 83,452 12,343,558 928,663 2,346,120	149,875 43,877 109,016 3,587,076 174,337 93,260 12,254,152 964,648 2,422,236	138,251 46,332 112,067 3,609,686 172,280 101,284 12,198,503 1,000,737 2,511,223	132,689 46,511 118,484 3,730,581 172,763 102,939 12,379,502 1,018,781 2,560,116	48,685 129,676 3,937,298 175,755 107,811 12,755,112 1,033,304 2,599,173	50,522 138,238 4,226,262 191,039 112,515 13,192,358 1,055,700 2,624,894	53,011 150,238 4,398,204 202,834 121,786 13,410,386 1,086,967 2,657,852	13
66 346,92357	Molor vehicles, bodies and trailers, and parts manufacturing	421,443 146,295 38,035 65,000 2,776,602 101,491 56,918 10,920,276 826,072	175,676 40,726 79,518 2,965,294 129,598 66,041 11,476,954 863,792	162,731 43,988 92,889 3,197,791 154,038 73,594 11,914,315 892,475	132,965 45,828 102,460 3,493,676 170,412 83,452 12,343,558 928,663	149,875 43,877 109,016 3,587,074 174,337 93,260 12,254,152 964,648	46,332 112,067 3,609,686 172,280 101,284 12,198,503 1,000,737 2,511,223 803,739	132,689 46,511 118,484 3,730,581 172,763 102,939 12,379,502 1,018,781	48,685 129,676 3,937,298 175,755 107,811 12,755,112 1,033,304 2,599,173 883,161	50,522 138,238 4,226,262 191,039 112,515 13,192,358 1,055,700	53,011 150,238 4,398,204 202,834 121,786 13,410,386 1,086,967	4

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

Table 7.2A. Gross Output by Industry Unadjusted for R&D as Investment, 1987–2007 (Millions of dollars)

NAICS code	Industry	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	
	All industries	8,639,922	9,359,516	9,969,567	10,511,114	10,676,472	11,242,426	11,857,619	12,647,199	13,451,594	14,259,899	
	All for-profit industries	7,307,760	7,938,747	8,445,959	8,865,529	8,928,209	9,405,202	9.941.937	10.647.593	11,367,116	12,085,424	
325	Chemical manufacturing	236,496	268,352	291,094	298,866	304,314	313,776	321.937	341,850	368,021	373,654	
3254	Pharmaceutical and medicine manufacturing	37,856	43,423	49,391	54,573	62,331	65,169	68,087	72,777	77.814	82.997	
251-53,		·		· '			· 1	·	,	1	l '	
255-56.	Chemicals minus pharmaceutical and medicine											
3259	manufacturing	198,640	224,929	241,703	244,293	241,983	248,607	253,850	269,073	290,207	290,657	
334	Computer and electronic product manufacturing	216,424	237,145	241,451	250,464	252,548	268,828	281,528	316,066	367,266	392,624	
3341	Computer and peripheral equipment manufacturing	54,488	61,517	58,887	58,472	54,432	60,302	62,835	71,520	84,200	95,031	
3342	Communications equipment manufacturing	34,572	36,668	36,476	39,499	38,770	43,627	46,409	54,225	60,352	69,534	
	Semiconductor and other electronic component									ì		
3344		48,454	55,149	59,532	60,209	64,871	70,978	78,268	94,071	117,408	123,898	
	Navigational, measuring, electromedical, and control			_ 1								
3345		66,544	70,782	72,897	78,020	79,343	77,832	77,014	77,089	84,075	85,812	
3343,	Other computer and electronic products											
3346		12,365	13,030	13,658	14,263	15,131	16,090	17,002	19,160	21,230	18,349	
336		366,590	392,927	407,959	400,835	388,617	424,553	450,697	492,230	502,210	515,049	
3361-63	Motor vehicles, bodies and trailers, and parts	040.047	050.004	000 700	040 404	000 405	075 005	040.044	000 500	070 500	200 474	
3364 3364		240,617	259,634	269,769	249,481	239,465	275,865	310,611	363,580	378,593	383,174	
365–66.	Aerospace product and parts manufacturing	104,960	110,686	113,920	126,298	126,392	124,451	113,410	100,571	95,259	101,400	
3369	Other transportation equipment manufacturing	21,013	22,607	24,270	25,056	22,760	24,237	26,676	28,079	28,358	30,475	
5112		10,644	13,131	15,162	16,976	18,791	21,716	28,047	35.039	43.584	55.622	
52-53		1,233,429	1,344,489	1,438,098	1,533,290	1,599,571	1,690,151	1.814,372	1,927,300		2,223,400	
5415		24,897	29,025	33,319	37,289	40,452	44,233	50,476	5 8 ,555	66,831	80,564	
5417	Scientific R&D services	20,039	23,799	26,380	28,667	28,208	29,774	32,129	33,579	35,399	40,871	
• • • • • • • • • • • • • • • • • • • •	All other for-profit industries	5,199,241	5.629.878	5.992,497	6.299,143	6,295,708	6.612,171	6.962,751	7.442,973	7.931.449	8.403.640	
	Nonprofit industries	311,932	345,599	378,270	417,957	448,650	482,733	513,669	540,452	572,375	609,283	
	Government	1,020,231	1,075,171	1,145,338	1,227,628	1,299,614	1,354,492	1,402,012	1,459,154	1,512,103	1,565,192	
	Federal government	426,218	439,047	459,465	484,000	508,449	516,350	514,314	518,253	519,463	528,502	
	State and local government	594,013	636,124	685,873	743,628	791,165	838,142	887,699	940,901	992,641	1,036,691	
		400=	4000									-
		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	20
	All industries	15,160,533	15,987,354	17,017,398	18,305,713	18,576,451	18,874,218	19.829.425	21 205 002	22 072 576	24 401 227	25.60
	All for-profit industries	12,895,125				, , , , ,	,	1,,	21,205,005	23,013,310	24,481,237	25,00
325		12,090,120	13,615,032	14,503,672	15,623,752			16,584,863		1		
		402,529	405,403	412,471	15,623,752 434,414	15,709,338 425,085	15,817,404 448,636	16,584,863 467,232	17,842,214 516,413	19,438,643 574,390	20,625,212 617,198	21,61 61
3254					15,623,752	15,709,338	15,817,404	16,584,863	17,842,214	19,438,643 574,390	20,625,212	21,61 61
3254 251–53,	Pharmaceutical and medicine manufacturing	402,529	405,403	412,471	15,623,752 434,414	15,709,338 425,085	15,817,404 448,636	16,584,863 467,232	17,842,214 516,413	19,438,643 574,390	20,625,212 617,198	21,61 61
3254 251–53, 255–56,	Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine	402,529 88,941	405,403 100,235	412,471 106,742	15,623,752 434,414 114,609	15,709,338 425,085 126,660	15,817,404 448,636 138,440	16,584,863 467,232 147,671	17,842,214 516,413 152,366	19,438,643 574,390 159,035	20,625,212 617,198 169,335	21,61 61 16
3254 251–53, 255–56, 3259	Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing	402,529 88,941 313,588	405,403 100,235 305,168	412,471 106,742 305,729	15,623,752 434,414 114,609 319,804	15,709,338 425,085 126,660 298,425	15,817,404 448,636 138,440 310,196	16,584,863 467,232 147,671 319,561	17,842,214 516,413 152,366 364,046	19,438,643 574,390 159,035 415,355	20,625,212 617,198 169,335 447,863	21,61 61 16
3254 251–53, 255–56, 3259 334	Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing Computer and electronic product manufacturing	402,529 88,941 313,588 430,257	405,403 100,235 305,168 429,479	412,471 106,742 305,729 455,314	15,623,752 434,414 114,609 319,804 503,611	15,709,338 425,085 126,660 298,425 415,838	15,817,404 448,636 138,440 310,196 353,246	16,584,863 467,232 147,671 319,561 357,364	17,842,214 516,413 152,366 364,046 371,564	19,438,643 574,390 159,035 415,355 378,466	20,625,212 617,198 169,335 447,863 392,086	21,61 61 16 45 39
3254 251–53, 255–56, 3259 334 3341	Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing Computer and electronic product manufacturing Computer and peripheral equipment manufacturing	402,529 88,941 313,588 430,257 103,695	405,403 100,235 305,168 429,479 104,621	412,471 106,742 305,729 455,314 104,918	15,623,752 434,414 114,609 319,804 503,611 103,768	15,709,338 425,085 126,660 298,425 415,838 86,028	15,817,404 448,636 138,440 310,196 353,246 71,241	16,584,863 467,232 147,671 319,561 357,364 70,012	17,842,214 516,413 152,366 364,046 371,564 65,102	19,438,643 574,390 159,035 415,355 378,466 70,060	20,625,212 617,198 169,335 447,863 392,086 72,459	21,61 61 16 45 39 7
3254 251–53, 255–56, 3259 334	Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing. Computer and peripheral equipment manufacturing Communications equipment manufacturing	402,529 88,941 313,588 430,257	405,403 100,235 305,168 429,479	412,471 106,742 305,729 455,314	15,623,752 434,414 114,609 319,804 503,611	15,709,338 425,085 126,660 298,425 415,838	15,817,404 448,636 138,440 310,196 353,246	16,584,863 467,232 147,671 319,561 357,364	17,842,214 516,413 152,366 364,046 371,564	19,438,643 574,390 159,035 415,355 378,466	20,625,212 617,198 169,335 447,863 392,086	21,61 61 16 45 39 7
3254 251–53, 255–56, 3259 334 3341 3342	Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing Computer and electronic product manufacturing Computer and peripheral equipment manufacturing Communications equipment manufacturing Semiconductor and other electronic component	402,529 88,941 313,588 430,257 103,695 82,161	405,403 100,235 305,168 429,479 104,621 84,603	412,471 106,742 305,729 455,314 104,918 95,688	15,623,752 434,414 114,609 319,804 503,611 103,768 119,494	15,709,338 425,085 126,660 298,425 415,838 86,028 97,164	15,817,404 448,636 138,440 310,196 353,246 71,241 63,684	16,584,863 467,232 147,671 319,561 357,364 70,012 61,338	17,842,214 516,413 152,366 364,046 371,564 65,102 61,793	19,438,643 574,390 159,035 415,355 378,466 70,060 58,779	20,625,212 617,198 169,335 447,863 392,086 72,459 68,454	21,61 61 16 45 39 7
3254 251–53, 255–56, 3259 334 3341	Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing Computer and peripheral equipment manufacturing Communications equipment manufacturing Semiconductor and other electronic component manufacturing	402,529 88,941 313,588 430,257 103,695	405,403 100,235 305,168 429,479 104,621	412,471 106,742 305,729 455,314 104,918	15,623,752 434,414 114,609 319,804 503,611 103,768	15,709,338 425,085 126,660 298,425 415,838 86,028	15,817,404 448,636 138,440 310,196 353,246 71,241	16,584,863 467,232 147,671 319,561 357,364 70,012	17,842,214 516,413 152,366 364,046 371,564 65,102	19,438,643 574,390 159,035 415,355 378,466 70,060	20,625,212 617,198 169,335 447,863 392,086 72,459	21,61 61 16 45 39 7
3254 251–53, 255–56, 3259 334 3341 3342	Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing. Computer and peripheral equipment manufacturing Communications equipment manufacturing Semiconductor and other electronic component manufacturing. Navigational, measuring, electromedical, and control	402,529 88,941 313,588 430,257 103,695 82,161 137,569	305,168 429,479 104,621 84,603 131,390	305,729 455,314 104,918 95,688 145,992	15,623,752 434,414 114,609 319,804 503,611 103,768 119,494 165,235	15,709,338 425,085 126,660 298,425 415,838 86,028 97,164 120,033	15,817,404 448,636 138,440 310,196 353,246 71,241 63,684 109,774	16,584,863 467,232 147,671 319,561 357,364 70,012 61,338 114,642	17,842,214 516,413 152,366 364,046 371,564 65,102 61,793 117,284	19,438,643 574,390 159,035 415,355 378,466 70,060 58,779 121,057	20,625,212 617,198 169,335 447,863 392,086 72,459 68,454 117,776	21,61 61 16 45 39 7 6
3254 251–53, 255–56, 3259 334 3341 3342 3344	Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing. Computer and peripheral equipment manufacturing communications equipment manufacturing Semiconductor and other electronic component manufacturing. Navigational, measuring, electromedical, and control instruments manufacturing.	402,529 88,941 313,588 430,257 103,695 82,161	405,403 100,235 305,168 429,479 104,621 84,603	412,471 106,742 305,729 455,314 104,918 95,688	15,623,752 434,414 114,609 319,804 503,611 103,768 119,494	15,709,338 425,085 126,660 298,425 415,838 86,028 97,164	15,817,404 448,636 138,440 310,196 353,246 71,241 63,684	16,584,863 467,232 147,671 319,561 357,364 70,012 61,338	17,842,214 516,413 152,366 364,046 371,564 65,102 61,793	19,438,643 574,390 159,035 415,355 378,466 70,060 58,779	20,625,212 617,198 169,335 447,863 392,086 72,459 68,454	21,61 61 16 45 39 7 6
3254 251–53, 255–56, 3259 334 3341 3342 3344 3345 3343,	Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing Computer and peripheral equipment manufacturing Communications equipment manufacturing Semiconductor and other electronic component manufacturing. Navigational, measuring, electromedical, and control instruments manufacturing. Other computer and electronic products	402,529 88,941 313,588 430,257 103,695 82,161 137,569 89,345	405,403 100,235 305,168 429,479 104,621 84,603 131,390 90,342	305,729 455,314 104,918 95,688 145,992 91,678	15,623,752 434,414 114,609 319,804 503,611 103,768 119,494 165,235 97,751	15,709,338 425,085 126,660 298,425 415,838 86,028 97,164 120,033 96,603	15,817,404 448,636 138,440 310,196 353,246 71,241 63,684 109,774 92,498	16,584,863 467,232 147,671 319,561 357,364 70,012 61,338 114,642 95,571	17,842,214 516,413 152,366 364,046 371,564 65,102 61,793 117,284 108,778	19,438,643 574,390 159,035 415,355 378,466 70,060 58,779 121,057 111,466	20,625,212 617,198 169,335 447,863 392,086 72,459 68,454 117,776	21,61 61 16 45 39 7 6
3254 251-53, 255-56, 3259 334 3341 3342 3344 3345 3343, 3346	Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing. Computer and peripheral equipment manufacturing Communications equipment manufacturing Semiconductor and other electronic component manufacturing. Navigational, measuring, electromedical, and control instruments manufacturing. Other computer and electronic products manufacturing.	402,529 88,941 313,588 430,257 103,695 82,161 137,569 89,345 17,487	305,168 429,479 104,621 84,603 131,390 90,342 18,523	305,729 455,314 104,918 95,688 145,992 91,678 17,038	15,623,752 434,414 114,609 319,804 503,611 103,768 119,494 165,235 97,751 17,364	15,709,338 425,085 126,660 298,425 415,838 86,028 97,164 120,033 96,603 16,011	15,817,404 448,636 138,440 310,196 353,246 71,241 63,684 109,774 92,498 16,050	16,584,863 467,232 147,671 319,561 357,364 70,012 61,338 114,642 95,571 15,800	17,842,214 516,413 152,366 364,046 371,564 65,102 61,793 117,284 108,778 18,606	19,438,643 574,390 159,035 415,355 378,466 70,060 58,779 121,057 111,466 17,105	20,625,212 617,198 169,335 447,863 392,086 72,459 68,454 117,776 117,568 15,828	21,61 61 16 45 39 7 6
3254 251–53, 255–56, 3259 334 3341 3342 3344 3345 3343,	Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing. Computer and epripheral equipment manufacturing Semiconductor and other electronic component manufacturing Navigational, measuring, electromedical, and control instruments manufacturing Other computer and electronic products manufacturing Transportation equipment manufacturing	402,529 88,941 313,588 430,257 103,695 82,161 137,569 89,345	405,403 100,235 305,168 429,479 104,621 84,603 131,390 90,342	305,729 455,314 104,918 95,688 145,992 91,678	15,623,752 434,414 114,609 319,804 503,611 103,768 119,494 165,235 97,751	15,709,338 425,085 126,660 298,425 415,838 86,028 97,164 120,033 96,603	15,817,404 448,636 138,440 310,196 353,246 71,241 63,684 109,774 92,498	16,584,863 467,232 147,671 319,561 357,364 70,012 61,338 114,642 95,571	17,842,214 516,413 152,366 364,046 371,564 65,102 61,793 117,284 108,778	19,438,643 574,390 159,035 415,355 378,466 70,060 58,779 121,057 111,466	20,625,212 617,198 169,335 447,863 392,086 72,459 68,454 117,776	21,61 61 16 45 39 7 6
3254 251-53, 255-56, 3259 3341 3342 3344 3345, 3345, 3346 336	Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing Computer and peripheral equipment manufacturing Communications equipment manufacturing Semiconductor and other electronic component manufacturing. Navigational, measuring, electromedical, and control instruments manufacturing. Other computer and electronic products manufacturing. Transportation equipment manufacturing Motor vehicles, bodies and trailers, and parts	402,529 88,941 313,588 430,257 103,695 82,161 137,569 89,345 17,487	305,168 429,479 104,621 84,603 131,390 90,342 18,523 612,172	305,729 455,314 104,918 95,688 145,992 91,678 17,038 666,289	15,623,752 434,414 114,609 319,804 503,611 103,768 119,494 165,235 97,751 17,364 619,544	15,709,338 425,085 126,660 298,425 415,838 86,028 97,164 120,033 96,603 16,011 590,241	15,817,404 448,636 138,440 310,196 353,246 71,241 63,684 109,774 92,498 16,050 625,632	16,584,863 467,232 147,671 319,561 357,364 70,012 61,338 114,642 95,571 15,800 644,604	17,842,214 516,413 152,366 364,046 371,564 65,102 61,793 117,284 108,778 18,606 650,749	19,438,643 574,390 159,035 415,355 378,466 70,060 58,779 121,057 111,466 17,105 682,367	20,625,212 617,198 169,335 447,863 392,086 72,459 68,454 117,776 117,568 15,828 690,314	21,61 61 16 45 39 7 6 11 13
3254 251–53, 255–56, 3259 334 3341 3342 3344 3345 3343, 3346 336	Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing. Computer and peripheral equipment manufacturing Communications equipment manufacturing Semiconductor and other electronic component manufacturing. Navigational, measuring, electromedical, and control instruments manufacturing. Other computer and electronic products manufacturing. Transportation equipment manufacturing. Motor vehicles, bodies and trailers, and parts manufacturing.	402,529 88,941 313,588 430,257 103,695 82,161 137,569 89,345 17,487 566,789	305,168 429,479 104,621 84,603 131,390 90,342 18,523 612,172 433,183	305,729 455,314 104,918 95,688 145,992 91,678 17,038 666,289 492,612	15,623,752 434,414 114,609 319,804 503,611 103,768 119,494 165,235 97,751 17,364 619,544 464,288	15,709,338 425,085 126,660 298,425 415,838 86,028 97,164 120,033 96,603 16,011 590,241 418,304	15,817,404 448,636 138,440 310,196 353,246 71,241 63,684 109,774 92,498 16,050 625,632 461,402	16,584,863 467,232 147,671 319,561 357,364 70,012 61,338 114,642 95,571 15,800 644,604 482,979	17,842,214 516,413 152,366 364,046 371,564 65,102 61,793 117,284 108,778 18,606 650,749	19,438,643 574,390 159,035 415,355 378,466 70,060 58,779 121,057 111,466 17,105 682,367 491,146	20,625,212 617,198 169,335 447,863 392,086 72,459 68,454 117,776 117,568 15,828 690,314 490,049	21,61 61 16 45 39 7 6 11 13
3254 251-53, 255-56, 3259 334 3341 3342 3345 3343, 3346 3361-63	Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing. Computer and epripheral equipment manufacturing Semiconductor and other electronic component manufacturing. Navigational, measuring, electromedical, and control instruments manufacturing. Other computer and electronic products manufacturing. Transportation equipment manufacturing. Motor vehicles, bodies and trailers, and parts manufacturing. Aerospace product and parts manufacturing.	402,529 88,941 313,588 430,257 103,695 82,161 137,569 89,345 17,487 566,789 416,162	305,168 429,479 104,621 84,603 131,390 90,342 18,523 612,172	305,729 455,314 104,918 95,688 145,992 91,678 17,038 666,289	15,623,752 434,414 114,609 319,804 503,611 103,768 119,494 165,235 97,751 17,364 619,544	15,709,338 425,085 126,660 298,425 415,838 86,028 97,164 120,033 96,603 16,011 590,241	15,817,404 448,636 138,440 310,196 353,246 71,241 63,684 109,774 92,498 16,050 625,632	16,584,863 467,232 147,671 319,561 357,364 70,012 61,338 114,642 95,571 15,800 644,604	17,842,214 516,413 152,366 364,046 371,564 65,102 61,793 117,284 108,778 18,606 650,749	19,438,643 574,390 159,035 415,355 378,466 70,060 58,779 121,057 111,466 17,105 682,367	20,625,212 617,198 169,335 447,863 392,086 72,459 68,454 117,776 117,568 15,828 690,314	21,61 61 16 45 39 76 6 11 13 47
3254 251-53, 255-56, 3259 3341 3342 3344 3345, 3346 3361-63	Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing Computer and peripheral equipment manufacturing Communications equipment manufacturing Semiconductor and other electronic component manufacturing. Navigational, measuring, electromedical, and control instruments manufacturing. Other computer and electronic products manufacturing Transportation equipment manufacturing Motor vehicles, bodies and trailers, and parts manufacturing Aerospace product and parts manufacturing	402,529 88,941 313,588 430,257 103,695 82,161 137,569 89,345 17,487 566,789 416,162	305,168 429,479 104,621 84,603 131,390 90,342 18,523 612,172 433,183	305,729 455,314 104,918 95,688 145,992 91,678 17,038 666,289 492,612	15,623,752 434,414 114,609 319,804 503,611 103,768 119,494 165,235 97,751 17,364 619,544 464,288 114,744	15,709,338 425,085 126,660 298,425 415,838 86,028 97,164 120,033 96,603 16,011 590,241 418,304	15,817,404 448,636 138,440 310,196 353,246 71,241 63,684 109,774 92,498 16,050 625,632 461,402	16,584,863 467,232 147,671 319,561 357,364 70,012 61,338 114,642 95,571 15,800 644,604 482,979 119,575 42,049	17,842,214 516,413 152,366 364,046 371,564 65,102 61,793 117,284 108,778 18,606 650,749	19,438,643 574,390 159,035 415,355 378,466 70,060 58,779 121,057 111,466 17,105 682,367 491,146	20,625,212 617,198 169,335 447,863 392,086 72,459 68,454 117,776 117,568 15,828 690,314 490,049	21,61 61 16 45 39 7 6 11 13 17
3254 51-53, 55-56, 3259 3341 3342 3344 3345, 3343, 3346 361-63 364, 365-66, 3369 5112	Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing Computer and peripheral equipment manufacturing Semiconductor and other electronic component manufacturing Navigational, measuring, electromedical, and control instruments manufacturing Other computer and electronic products manufacturing Motor vehicles, bodies and trailers, and parts manufacturing Aerospace product and parts manufacturing Other transportation equipment manufacturing Other transportation equipment manufacturing	402,529 88,941 313,588 430,257 103,695 82,161 137,569 89,345 17,487 566,789 416,162 117,838 32,789 65,527	405,403 100,235 305,168 429,479 104,621 84,603 131,390 90,342 18,523 612,172 433,183 143,678 35,310 78,772	412,471 106,742 305,729 455,314 104,918 95,688 145,992 91,678 17,038 666,289 492,612 135,541 38,136 92,280	15,623,752 434,414 114,609 319,804 503,611 103,768 119,494 165,235 97,751 17,364 619,544 46,288 114,744 40,512	15,709,338 425,085 126,660 298,425 415,838 86,028 97,164 120,033 96,603 16,011 590,241 418,304 132,892 39,045 110,362	15,817,404 448,636 138,440 310,196 353,246 71,241 63,684 109,774 92,498 16,050 625,632 461,402 122,738 41,493 111,176	16,584,863 467,232 147,671 319,561 357,364 70,012 61,338 114,642 95,571 15,800 644,604 482,979 119,575 42,049	17,842,214 516,413 152,366 364,046 371,564 65,102 61,793 117,284 108,778 18,606 650,749 486,125 118,930 45,694 119,640	19,438,643 574,390 159,035 415,355 378,466 70,060 58,779 121,057 111,466 17,105 682,367 491,146 141,824 49,397 129,762	20,625,212 617,198 169,335 447,863 392,086 72,459 68,454 117,766 117,568 15,828 690,314 490,049 146,458 53,807 141,239	21,61 61 45 45 39 7 6 11 13
3254 251-53, 255-56, 3259 3341 3342 3344 3345 3343, 3346 3361-63 3364 361-63 3364 35112 52-53	Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing Computer and peripheral equipment manufacturing Communications equipment manufacturing Semiconductor and other electronic component manufacturing. Navigational, measuring, electromedical, and control instruments manufacturing. Other computer and electronic products manufacturing. Transportation equipment manufacturing Motor vehicles, bodies and trailers, and parts manufacturing. Aerospace product and parts manufacturing Other transportation equipment manufacturing Software publishers.	402,529 88,941 313,588 430,257 103,695 82,161 137,569 89,345 17,487 566,789 416,162 117,838 32,789 65,527 2,357,532	405,403 100,235 305,168 429,479 104,621 84,603 131,390 90,342 18,523 612,172 433,183 143,678 35,310 78,772 2,558,329	412,471 106,742 305,729 455,314 104,918 95,688 145,992 91,678 17,038 666,289 492,612 135,541 38,136 92,280 2,790,547	15,623,752 434,414 114,609 319,804 503,611 103,768 119,494 165,235 97,751 17,364 619,544 464,288 114,744 40,512 103,574 3,104,700	15,709,338 425,085 126,660 298,425 415,838 86,028 97,164 120,033 96,603 16,011 590,241 418,304 132,892 39,045 110,362 3,226,767	15,817,404 448,636 138,440 310,196 353,246 71,241 63,684 109,774 92,498 16,050 625,632 461,402 122,738 41,493 111,176 3,339,794	16,584,863 467,232 147,671 319,561 357,364 70,012 61,338 114,642 95,571 15,800 644,604 482,979 119,575 42,049 112,140 3,540,934	17,842,214 516,413 152,366 364,046 371,564 65,102 61,793 117,284 108,778 486,125 118,930 45,694 19,640 3,842,573	19,438,643 574,390 159,035 415,355 378,466 70,060 58,779 121,057 111,466 17,105 682,367 491,146 141,824 49,397 129,762	20,625,212 617,198 169,335 447,863 392,086 72,459 68,454 117,776 117,568 690,314 490,049 146,458 53,807 141,239	21,61 61 16 45 39 7 6 11 13 17 17 17 17 17 17 17 17 17 17 17 17
3254 251-53, 255-56, 3259 3341 3342 3344 3345, 3346 3361-63, 3364 365-66, 3369 5112 52-53, 5415	Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing. Computer and peripheral equipment manufacturing Semiconductor and other electronic component manufacturing Navigational, measuring, electromedical, and control instruments manufacturing Other computer and electronic products manufacturing Transportation equipment manufacturing Motor vehicles, bodies and trailers, and parts manufacturing Aerospace product and parts manufacturing Other transportation equipment manufacturing Software publishers Finance, insurance, real estate, rental, and leasing	402,529 88,941 313,588 430,257 103,695 82,161 137,569 89,345 17,487 566,789 416,162 117,838 32,789 65,527 2,357,532 103,332	405,403 100,235 305,168 429,479 104,621 84,603 131,390 90,342 18,523 612,172 433,183 143,678 35,310 78,772 2,558,329 129,858	412,471 106,742 305,729 455,314 104,918 95,688 145,992 91,678 17,038 666,289 492,612 135,541 38,136 92,280 2,790,547 156,835	15,623,752 434,414 114,609 319,804 503,611 103,768 119,494 165,235 97,751 17,364 619,544 464,288 114,744 40,512 103,574 3,104,700 177,669	15,709,338 425,085 126,660 298,425 415,838 86,028 97,164 120,033 96,603 16,011 590,241 418,304 132,892 39,045 110,362 3,226,767 177,237	15,817,404 448,636 138,440 310,196 353,246 71,241 63,684 109,774 92,498 16,050 625,632 461,402 122,738 41,493 111,176 3,339,794 168,464	16,584,863 467,232 147,671 319,561 357,364 70,012 61,338 114,642 95,571 15,800 644,604 482,979 119,575 42,049 112,140 3,540,934 167,444	17,842,214 516,413 152,366 364,046 371,564 65,102 61,793 117,284 108,778 486,125 118,930 45,694 119,640 3,842,573 170,496	19,438,643 574,390 159,035 415,355 378,466 70,060 58,779 121,057 111,466 17,105 682,367 491,146 141,824 49,397 129,762 4,224,191 183,732	20,625,212 617,198 169,335 447,863 392,086 72,459 68,454 117,776 117,568 690,314 490,049 146,458 53,807 141,239 4,505,964 197,075	21,616616616666666666666666666666666666
3254 51-53, 55-56, 3259 3343 3342 3344 3345 3343, 3346 3364 365-66, 3369 5112 52-53	Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing. Computer and peripheral equipment manufacturing Semiconductor and other electronic component manufacturing Navigational, measuring, electromedical, and control instruments manufacturing Other computer and electronic products manufacturing Transportation equipment manufacturing Motor vehicles, bodies and trailers, and parts manufacturing Aerospace product and parts manufacturing Other transportation equipment manufacturing Software publishers Finance, insurance, real estate, rental, and leasing	402,529 88,941 313,588 430,257 103,695 82,161 137,569 89,345 17,487 566,789 416,162 117,838 32,789 65,527 2,357,532 103,322 47,637	405,403 100,235 305,168 429,479 104,621 84,603 131,390 90,342 18,523 612,172 433,183 143,678 35,3141 2,558,329 129,858 53,941	412,471 106,742 305,729 455,314 104,918 95,688 145,992 91,678 17,038 666,289 492,612 135,541 38,136 92,280 2,790,547 156,835 60,296	15,623,752 434,414 114,609 319,804 503,611 103,768 119,494 165,235 97,751 17,364 66,524 464,288 114,744 40,512 103,574 3,104,700 177,669 68,935	15,709,338 425,085 126,660 298,425 415,838 86,028 97,164 120,033 96,603 16,011 590,241 418,304 132,892 39,045 110,362 3,226,767 177,237 77,841	15,817,404 448,636 138,440 310,196 353,246 71,241 63,684 109,774 92,498 16,050 625,632 461,402 122,738 41,493 111,176 3,339,794 168,464 87,214	16,584,863 467,232 147,671 319,561 357,364 70,012 61,338 114,642 95,571 15,800 644,604 482,979 119,575 42,049 112,140 3,540,934 167,444 91,607	17,842,214 516,413 152,366 364,046 371,564 65,102 61,793 117,284 108,778 18,606 650,749 486,125 118,930 45,694 119,640 3,842,573 170,496 97,709	19,438,643 574,390 159,035 415,355 378,466 70,060 58,779 121,057 111,466 17,105 682,367 491,146 141,824 49,377 129,762 4,224,191 183,732	20,625,212 617,198 169,335 447,863 392,086 72,459 68,454 117,776 117,568 15,828 690,314 490,049 146,458 53,807 141,239 4,505,964 197,075	21,61 61 16 45 39 7 6 11 13 47 17 17 47,7 22 22
3254 251-53, 255-56, 3259 3341 3342 3344 3345, 3346 3361-63, 3364 365-66, 3369 5112 52-53, 5415	Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing. Computer and epripheral equipment manufacturing Gommunications equipment manufacturing Semiconductor and other electronic component manufacturing. Navigational, measuring, electromedical, and control instruments manufacturing Other computer and electronic products manufacturing Transportation equipment manufacturing Motor vehicles, bodies and trailers, and parts manufacturing Aerospace product and parts manufacturing Other transportation equipment manufacturing Software publishers Finance, insurance, real estate, rental, and leasing Computer systems design and related services Scientific R&D services All other for-profit industries	402,529 88,941 313,588 430,257 103,695 82,161 137,569 89,345 17,487 566,789 416,162 117,838 32,789 65,527 2,357,532 103,322 47,637 8,921,532	405,403 100,235 305,168 429,479 104,621 84,603 131,390 90,342 18,523 612,172 433,183 143,678 35,310 78,772 2,558,329 129,858 53,941 9,347,079	412,471 106,742 305,729 455,314 104,918 95,688 145,992 91,678 17,038 666,289 492,612 135,541 38,136 92,280 2,790,547 156,835 60,296 9,889,639	15,623,752 434,414 114,609 319,804 503,611 103,768 119,494 165,235 97,751 17,364 619,544 464,288 114,744 40,512 103,574 3,104,700 177,669 6,935	15,709,338 425,085 126,660 298,425 415,838 86,028 97,164 120,033 96,603 16,011 590,241 418,304 132,892 39,045 110,362 3,226,767 177,237 77,841 10,685,967	15,817,404 448,636 138,440 310,196 353,246 71,241 63,684 109,774 92,498 16,050 625,632 461,402 122,738 41,493 111,176 3,339,794 168,464 17,214 10,683,240	16,584,863 467,232 147,671 319,561 357,364 70,012 61,338 114,642 95,571 15,800 644,604 482,979 119,575 42,049 112,140 3,540,934 167,444 91,607 11,203,538	17,842,214 516,413 152,366 364,046 371,564 65,102 61,793 117,284 108,778 18,606 650,749 486,125 118,930 45,694 119,640 3,842,573 170,496 97,709 12,073,070	19,438,643 574,390 159,035 415,355 378,466 70,060 58,779 121,057 111,466 17,105 682,367 491,146 141,824 49,397 129,762 4,224,191 183,732 19,166,079 13,159,656	20,625,212 617,198 169,335 447,863 392,086 72,459 68,454 117,776 117,568 15,828 690,314 490,049 146,458 53,807 141,239 4,505,964 197,075 117,137 13,964,199	21,61 61 61 45 39 7 6 11 13 17 47 17 22 14,67
3254 251-53, 255-56, 3259 3341 3341 3342 3344 3345, 3346 3361-63 3364 3365-66, 3369 5112 52-53 5415	Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing. Computer and peripheral equipment manufacturing. Semiconductor and other electronic component manufacturing. Navigational, measuring, electromedical, and control instruments manufacturing. Other computer and electronic products manufacturing. Transportation equipment manufacturing. Motor vehicles, bodies and trailers, and parts manufacturing. Aerospace product and parts manufacturing. Other transportation equipment manufacturing. Software publishers. Finance, insurance, real estate, rental, and leasing. Computer systems design and related services. Scientific R&D services. All other for-profit industries.	402,529 88,941 313,588 430,257 103,695 82,161 137,569 89,345 17,487 566,789 416,162 117,838 32,789 65,527 2,357,532 103,322 47,637 8,921,532 638,006	405,403 100,235 305,168 429,479 104,621 84,603 131,390 90,342 18,523 612,172 433,183 143,678 35,310 78,772 2,558,329 129,658,329 129,658,329 129,658,329 685,211	412,471 106,742 305,729 455,314 104,918 95,688 145,992 91,678 17,038 666,289 492,612 135,541 38,136 92,280 2,790,547 156,835 60,296 9,889,639 726,465	15,623,752 434,414 114,609 319,804 503,611 103,768 119,494 165,235 97,751 17,364 619,544 464,288 114,744 40,512 103,574 3,104,700 177,669 68,935 10,611,306 784,334	15,709,338 425,085 126,660 298,425 415,838 86,028 97,164 120,033 96,603 16,011 590,241 418,304 132,892 39,045 110,362 3,226,767 77,237 77,841 10,885,967 843,312	15,817,404 448,636 138,440 310,196 353,246 71,241 63,684 109,774 92,498 16,050 625,632 461,402 122,738 41,493 111,176 3,339,794 168,464 87,214 10,683,240 898,704	16,584,863 467,232 147,671 319,561 357,364 70,012 61,338 114,642 95,571 15,800 644,604 482,979 119,575 42,049 112,140 3,540,934 167,444 167,444 11,607 11,203,538 943,472	17,842,214 516,413 152,366 364,046 371,564 65,102 61,793 117,284 108,778 18,606 650,749 486,125 118,930 45,694 119,640 3,842,573 170,496 97,709 12,073,070 988,827	19,438,643 574,390 159,035 415,355 378,466 70,060 58,779 121,057 111,466 17,105 682,367 491,146 141,824 49,397 129,762 4,224,191 183,732 106,079 13,159,656 13,050,137	20,625,212 617,198 169,335 447,863 392,086 72,459 68,454 117,776 117,568 15,828 690,314 490,049 146,458 53,807 141,239 4,505,964 197,075 117,137 11,120,098	21,61 61 16 45 45 39 7 6 11 13 17 17 17 17 17 17 17 17 17 17 17 17 17
3254 251-53, 255-56, 3259-334 3341 3342 3344 3345, 3343, 3364-63 3364-66, 3369-5112 52-53-5415	Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing Computer and peripheral equipment manufacturing Computer and peripheral equipment manufacturing Semiconductor and other electronic component manufacturing. Navigational, measuring, electromedical, and control instruments manufacturing. Other computer and electronic products manufacturing. Transportation equipment manufacturing Motor vehicles, bodies and trailers, and parts manufacturing. Aerospace product and parts manufacturing Other transportation equipment manufacturing Software publishers. Finance, insurance, real estate, rental, and leasing Computer systems design and related services Scientific R&D services. All other for-profit industries.	402,529 88,941 313,588 430,257 103,695 82,161 137,569 89,345 17,487 566,789 416,162 117,838 32,789 65,527 2,357,532 103,322 47,637 8,921,532 638,006	405,403 100,235 305,168 429,479 104,621 84,603 131,390 90,342 18,523 612,172 433,183 143,678 35,310 78,772 2,558,329 129,858 53,941 9,347,079 685,211 1,687,111	412,471 106,742 305,729 455,314 104,918 95,688 145,992 91,678 17,038 666,289 492,612 135,541 38,136 92,280 2,790,547 156,835 60,296 9,889,639 726,465 1,787,261	15,623,752 434,414 114,609 319,804 503,611 103,768 119,494 165,235 97,751 17,364 619,544 464,288 114,744 40,512 103,574 3,104,700 177,669 68,935 10,611,306 784,384 1,897,577	15,709,338 425,085 126,660 298,425 415,838 86,028 97,164 120,033 96,603 16,011 590,241 418,304 132,892 39,045 110,362 3,226,767 177,237 77,841 10,685,967 843,312 2,023,801	15,817,404 448,636 138,440 310,196 353,246 71,241 63,684 109,774 92,498 16,050 625,632 461,402 122,738 41,493 111,176 3,339,794 168,464 87,214 10,683,240 898,704 2,158,111	16,584,863 467,232 147,671 319,561 357,364 70,012 61,338 114,642 95,571 15,800 644,604 482,979 119,575 42,049 112,140 3,540,934 167,444 91,607 11,203,538 943,472 2,301,090	17,842,214 516,413 152,366 364,046 371,564 65,102 61,793 117,284 108,778 486,125 118,930 45,694 119,640 3,842,573 170,496 97,709 12,073,070 988,827 2,434,763	19,438,643 574,390 159,035 415,355 378,466 70,060 58,779 121,057 111,466 17,105 682,367 491,146 141,824 49,397 129,762 4,224,191 183,732 106,079 13,159,656 1,050,137 2,584,795	20,625,212 617,198 169,335 447,863 392,086 72,459 68,454 117,776 117,568 15,828 690,314 490,049 146,458 53,807 1141,239 4,505,964 197,075 117,137 13,964,199 1,120,098 2,735,927	21,61 61 16 45 39 7 6 11 13 1 71 47 17 17 4,71 22 14,67 1,18 2,89
3254 251-53, 255-56, 3259 3341 3341 3342 3344 3345, 3346 3361-63 3364 3365-66, 3369 5112 52-53 5415	Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing. Computer and peripheral equipment manufacturing. Semiconductor and other electronic component manufacturing. Navigational, measuring, electromedical, and control instruments manufacturing. Other computer and electronic products manufacturing. Transportation equipment manufacturing. Motor vehicles, bodies and trailers, and parts manufacturing. Aerospace product and parts manufacturing. Other transportation equipment manufacturing. Software publishers. Finance, insurance, real estate, rental, and leasing. Computer systems design and related services. Scientific R&D services. All other for-profit industries.	402,529 88,941 313,588 430,257 103,695 82,161 137,569 89,345 17,487 566,789 416,162 117,838 32,789 65,527 2,357,532 103,322 47,637 8,921,532 638,006	405,403 100,235 305,168 429,479 104,621 84,603 131,390 90,342 18,523 612,172 433,183 143,678 35,310 78,772 2,558,329 129,658,329 129,658,329 129,658,329 685,211	412,471 106,742 305,729 455,314 104,918 95,688 145,992 91,678 17,038 666,289 492,612 135,541 38,136 92,280 2,790,547 156,835 60,296 9,889,639 726,465	15,623,752 434,414 114,609 319,804 503,611 103,768 119,494 165,235 97,751 17,364 619,544 464,288 114,744 40,512 103,574 3,104,700 177,669 68,935 10,611,306 784,334	15,709,338 425,085 126,660 298,425 415,838 86,028 97,164 120,033 96,603 16,011 590,241 418,304 132,892 39,045 110,362 3,226,767 77,237 77,841 10,885,967 843,312	15,817,404 448,636 138,440 310,196 353,246 71,241 63,684 109,774 92,498 16,050 625,632 461,402 122,738 41,493 111,176 3,339,794 168,464 87,214 10,683,240 898,704	16,584,863 467,232 147,671 319,561 357,364 70,012 61,338 114,642 95,571 15,800 644,604 482,979 119,575 42,049 112,140 3,540,934 167,444 91,607 11,203,538 943,472 2,301,090 755,890	17,842,214 516,413 152,366 364,046 371,564 65,102 61,793 117,284 108,778 18,606 650,749 486,125 118,930 45,694 119,640 3,842,573 170,496 97,709 12,073,070 988,827	19,438,643 574,390 159,035 415,355 378,466 70,060 58,779 121,057 111,466 17,105 682,367 491,146 141,824 49,397 129,762 4,224,191 183,732 106,079 13,159,656 1,050,137 2,584,795	20,625,212 617,198 169,335 447,863 392,086 72,459 68,454 117,776 117,568 15,828 690,314 490,049 146,458 53,807 141,239 4,505,964 197,075 117,137 13,964,199 1,120,098 2,735,927 916,063	21,61 61 16 45 399 7 6 11 13 1 17 1 71 2 14,67 1,18 2,89 95

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

Table 7.2B. Gross Output by Industry Unadjusted for R&D as Investment, 1987–2007

(Millions of chained (2005) dollars)

NAICS		4007	4000	4000	4000	1001	1000	1000				
code	Industry	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	
	All industries	13,166,700	13,787,674	14,137,065	14,386,064	14,281,101	14,754,640	15,219,061	15,923,115	16,478,365	17,178,489	
	All for-profit industries	10,725,118	11,274,755	11,560,089	11,753.058	11,639,355	12,068,324	12,493,422	13,131,112	13,642,848	14,285,118	
325	Chemical manufacturing	419,966	440,340	452,390	457,696	453,843	462,740	465,342	480,184	484,267	489,917	
3254	Pharmaceutical and medicine manufacturing	87,672	93,557	97,956	99,872	105,774	103,685	103,965	107,805	111,956	116,195	
3251-53,	ļ <u>.</u>											
3255-56,	Chemicals minus pharmaceutical and medicine											
3259	manufacturing	331,597	346,511	354,656	358,224	349,639	360,158	362,463	373,533	373,748	375,442	
334	Computer and electronic product manufacturing	57,198	63,254	65,327	70,407 4,296	72,880	81,493 5.650	89,711	105,609	137,608	169,306	
3341 3342	Computer and peripheral equipment manufacturing Communications equipment manufacturing	3,153 21,921	3,838 23,402	3,920 23,368	25,617	4,416 25,152	28,418	6,902 30,289	8,686 35,793	12,002 41,461	17,367	
3342	Semiconductor and other electronic component	21,921	23,402	23,300	25,017	20,102	20,410	30,269	35,793	41,461	48,505	
3344	manufacturing	5,809	6,522	7,280	8.054	9,149	10.881	12,744	16,637	26,202	35,467	
	Navigational, measuring, electromedical, and control	5,555	0,022	1,200	0,007	0,110	.0,001	12,771	10,007	20,202	, 00,101	
3345	instruments manufacturing	81,905	84,750	84,354	87,633	86,597	83,403	81,418	80,768	86,980	88,336	
3343,	Other computer and electronic products									1	1	
3346	manufacturing	9,368	9,955	10,342	10,806	11,406	12,274	13,288	15,309	17,260	15,185	
336	Transportation equipment manufacturing	462,691	489,261	493,327	472,899	444,480	472,426	490,949	524,384	526,878	534,618	
3361-63	Motor vehicles, bodies and trailers, and parts	282,817	300,025	303,330	275,755	257,540	289,903	319,463	365,552	376,193	377,413	
3364	manufacturing Aerospace product and parts manufacturing	159,734	167,570	167,115	178,329	171,954	163,267	145,593	126,224	117,116	122,774	
3365-66.	opaco product and parts manufacturing	100,704	107,070	107,113	1,0,023	17 1,004	100,207	1.75,550	, 20,224	,,,,,	'22,7,4	
3369	Other transportation equipment manufacturing	31,590	33,478	34,524	34,306	30,059	31,143	33,706	34,920	33,759	35,584	
5112	Software publishers	3,466	4,806	6,662	8,554	9,958	14,349	19,452	26,573	34,922	47,236	
52-53	Finance, insurance, real estate, rental, and leasing	2,047,070	2,151,998	2,205,187	2,253,129	2,257,886	2,292,858	2,396,668	2,490,108	2,556,272	2,683,207	
5415	Computer systems design and related services	31,696	35,534	40,245	43,741	45,938	49,508	55,311	63,018	69,195	81,373	
5417	Scientific R&D services	36,774	41,290 8,413,603	44,325	46,755 8,760,250	44,306	45,841 8,978,023	48,264	49,313 9,680,775	49,697	55,487 10.397,999	
	All other for-profit industries	8,032,405 605,560	635,263	8,621,536 651,518	662,770	8,657,130 655,176	678,330	9,243,472 699,465	731,764	10,006,868 755,655	786,827	
	Government	1.890,162	1.922,997	1,972,044	2.020.302	2.042.670	2,057,477	2,069,153	2.095,121	2,107,276	2.125.457	
	Federal government	769,446	768,181	780,565	796,129	793.523	779,270	757,760	745,235	721,301	713,417	
	State and local government	1,119,320	1,153,998	1,190,851	1,223,570	1,248,605	1,277,880	1,311,229	1,349,721		1,412,024	
		1997	1998	∣ ⊥ 1999	2000	2001	2002	2003	2004	2005	2006	2007
	All in decades a											
	All industries		' '	' '	20,928,086		1 ' '	1 ' '	' '	' '	i ' '	1 ′ ′
	All for-profit industries	15,081,151		16,870,635		17,618,427	17,626,785		18,636,437		19,894.849	
325	Chemical manufacturing	522,425	526,704	535,739	533,868	519,192	548,510	546,303	568,786	574,390	581,483	560,422
3254 3251–53,	Pharmaceutical and medicine manufacturing	122,214	124,057	129,350	136,058	147,065	156,969	161,589	160,408	159,035	161,434	151,468
3255-56,	Chemicals minus pharmaceutical and medicine											
3259	manufacturing	401,924	404,374	407.875	398,751	372,122	391.386	384.000	408,278	415,355	420.054	408,888
334	Computer and electronic product manufacturing	207,379	244,479	297,611	370,045	346,208	309,367	330,699	358,012	378,466	410,227	436,542
3341	Computer and peripheral equipment manufacturing	23,958	32,290	42,426	48,581	49,876	49,034	55,608	56,539	70,060	85,770	103,245
3342	Communications equipment manufacturing	57,805	62,426	73,902	97,014	82,187	56,322	57,210	60,431	58,779	69,960	65,341
2244	Semiconductor and other electronic component	40.004	E0 E07	70.000	110.057	101,949	05 564	105 000	114 000	101.057	100.000	100 710
3344	manufacturing	46,661	58,537	79,289	112,057	101,949	95,564	105,900	114,028	121,057	122,823	129,713
3345	instruments manufacturing	91,178	92,179	94,232	100,786	99,847	94,578	96,778	109,452	111,466	116,179	127,374
3343,	Other computer and electronic products	.,	,0	,		,	.,	,	1.5, .55	,.50	,	,,
3346	manufacturing	14,784	15,782	14,764	15,277	14,439	14,982	15,096	18,276	17,105	16,076	13,525
336	Transportation equipment manufacturing	589,306	639,929	693,517	638,778	606,668	647,158	663,200	658,434	682,367	684,332	695,709
	Motor vehicles, bodies and trailers, and parts		400.005	401.047	461,646	417,806	466,856	489,714	487,842	491,146	490,944	472,357
2261 62	manufacturing					417.600			407,042	1 491,140	490,944	
3361-63 3364	manufacturing	412,179 141,482	433,305 171,386	491,647 159 909		148 322	135 397	127 724	122 677	141 894	141 546	164 946
3361–63 3364 3365–66.	manufacturing	412,179 141,482	433,305 171,386	159,909	131,653	148,322	135,387	127,724	122,677	141,824	141,546	164,946
3364 3365–66, 3369	Aerospace product and parts manufacturing Other transportation equipment manufacturing	141,482 37,819	171,386 40,508	159,909 43,555	131,653 45,322	148,322 43,185	45,545	45,602	47,724	49,397	51,807	57,292
3364 3365–66, 3369 5112	Aerospace product and parts manufacturing Other transportation equipment manufacturing Software publishers	141,482 37,819 60,718	171,386 40,508 73,357	159,909 43,555 85,746	131,653 45,322 94,056	148,322 43,185 99,653	45,545 102,328	45,602 106,921	47,724 118,499	49,397 129,762	51,807 139,655	57,292 150,663
3364 3365–66, 3369 5112 52–53	Aerospace product and parts manufacturing Other transportation equipment manufacturing Software publishers Finance, insurance, real estate, rental, and leasing	37,819 60,718 2,775,951	171,386 40,508 73,357 2,964,215	159,909 43,555 85,746 3,196,996	131,653 45,322 94,056 3,490,306	148,322 43,185 99,653 3,585,269	45,545 102,328 3,608,349	45,602 106,921 3,729,784	47,724 118,499 3,936,514	49,397 129,762 4,224,191	51,807 139,655 4,397,010	57,292 150,663 4,480,071
3364 3365–66, 3369 5112 52–53 5415	Aerospace product and parts manufacturing Other transportation equipment manufacturing Software publishers Finance, insurance, real estate, rental, and leasing Computer systems design and related services	37,819 60,718 2,775,951 100,737	171,386 40,508 73,357 2,964,215 129,074	159,909 43,555 85,746 3,196,996 153,180	45,322 94,056 3,490,306 168,362	43,185 99,653 3,585,269 166,973	45,545 102,328 3,608,349 161,116	45,602 106,921 3,729,784 163,406	47,724 118,499 3,936,514 169,994	49,397 129,762 4,224,191 183,732	51,807 139,655 4,397,010 194,668	57,292 150,663 4,480,071 219,126
3364 3365–66, 3369 5112 52–53	Aerospace product and parts manufacturing Other transportation equipment manufacturing Software publishers	37,819 60,718 2,775,951 100,737 62,173	171,386 40,508 73,357 2,964,215 129,074 68,412	159,909 43,555 85,746 3,196,996 153,180 74,447	131,653 45,322 94,056 3,490,306 168,362 80,507	148,322 43,185 99,653 3,585,269 166,973 88,661	45,545 102,328 3,608,349 161,116 97,855	45,602 106,921 3,729,784 163,406 99,632	47,724 118,499 3,936,514 169,994 102,480	49,397 129,762 4,224,191 183,732 106,079	51,807 139,655 4,397,010 194,668 114,790	57,292 150,663 4,480,071 219,126 119,333
3364 3365–66, 3369 5112 52–53 5415	Aerospace product and parts manufacturing Other transportation equipment manufacturing Software publishers. Finance, insurance, real estate, rental, and leasing Computer systems design and related services Scientific R&D services All other for-profit industries.	37,819 60,718 2,775,951 100,737 62,173 10,887,139	171,386 40,508 73,357 2,964,215 129,074 68,412 11,438,584	159,909 43,555 85,746 3,196,996 153,180 74,447 11,867,446	131,653 45,322 94,056 3,490,306 168,362 80,507 12,293,932	148,322 43,185 99,653 3,585,269 166,973 88,661 12,209,792	45,545 102,328 3,608,349 161,116 97,855 12,165,774	45,602 106,921 3,729,784 163,406 99,632 12,352,210	47,724 118,499 3,936,514 169,994 102,480 12,726,279	49,397 129,762 4,224,191 183,732 106,079 13,159,656	51,807 139,655 4,397,010 194,668 114,790 13,374,334	57,292 150,663 4,480,071 219,126 119,333 13,516,356
3364 3365–66, 3369 5112 52–53 5415	Aerospace product and parts manufacturing Other transportation equipment manufacturing Software publishers	37,819 60,718 2,775,951 100,737 62,173	171,386 40,508 73,357 2,964,215 129,074 68,412	159,909 43,555 85,746 3,196,996 153,180 74,447	131,653 45,322 94,056 3,490,306 168,362 80,507	148,322 43,185 99,653 3,585,269 166,973 88,661	45,545 102,328 3,608,349 161,116 97,855	45,602 106,921 3,729,784 163,406 99,632	47,724 118,499 3,936,514 169,994 102,480	49,397 129,762 4,224,191 183,732 106,079 13,159,656 1,050,137 2,584,795	51,807 139,655 4,397,010 194,668 114,790	57,292 150,663 4,480,071 219,126 119,333 13,516,356
3364 3365–66, 3369 5112 52–53 5415	Aerospace product and parts manufacturing	37,819 60,718 2,775,951 100,737 62,173 10,887,139 823,286 2,164,971 713,659	171,386 40,508 73,357 2,964,215 129,074 68,412 11,438,584 860,847 2,213,338 706,964	159,909 43,555 85,746 3,196,996 153,180 74,447 11,867,446 889,312 2,272,353 714,055	45,322 94,056 3,490,306 168,362 80,507 12,293,932 925,265 2,320,102 723,301	148,322 43,185 99,653 3,585,269 166,973 88,661 12,209,792 961,157 2,398,298 744,787	45,545 102,328 3,608,349 161,116 97,855 12,165,774 996,917 2,485,754 783,312	45,602 106,921 3,729,784 163,406 99,632 12,352,210 1,014,307 2,531,581 828,851	47,724 118,499 3,936,514 169,994 102,480 12,726,279 1,028,247 2,567,074 858,024	49,397 129,762 4,224,191 183,732 106,079 13,159,656 1,050,137 2,584,795 867,480	51,807 139,655 4,397,010 194,668 114,790 13,374,334 1,080,908 2,611,222 875,895	57,292 150,663 4,480,071 219,126 119,333 13,516,356 1,106,744 2,649,498 880,347
3364 3365–66, 3369 5112 52–53 5415	Aerospace product and parts manufacturing Other transportation equipment manufacturing Software publishers	37,819 60,718 2,775,951 100,737 62,173 10,887,139 823,286 2,164,971	171,386 40,508 73,357 2,964,215 129,074 68,412 11,438,584 860,847 2,213,338	159,909 43,555 85,746 3,196,996 153,180 74,447 11,867,446 889,312 2,272,353	131,653 45,322 94,056 3,490,306 168,362 80,507 12,293,932 925,265 2,320,102	148,322 43,185 99,653 3,585,269 166,973 88,661 12,209,792 961,157 2,398,298	45,545 102,328 3,608,349 161,116 97,855 12,165,774 996,917 2,485,754	45,602 106,921 3,729,784 163,406 99,632 12,352,210 1,014,307 2,531,581	47,724 118,499 3,936,514 169,994 102,480 12,726,279 1,028,247 2,567,074	49,397 129,762 4,224,191 183,732 106,079 13,159,656 1,050,137 2,584,795	51,807 139,655 4,397,010 194,668 114,790 13,374,334 1,080,908 2,611,222	57,292 150,663 4,480,071 219,126 119,333 13,516,356 1,106,744 2,649,498 880,347

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

Table 7.3A. Value Added by Industry With R&D Treated as Investment, 1987-2007

(Millions of dollars)

AICS ode	Industry	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	
	Gross domestic product	4,882,201	5,257,969	5,650,788	5,974,626	6,177,401	6,532,649	6,860,208	7,282,704	7,623,985	8,059,137	
	All for-profit industries	3,960,114	4,263,789	4,586,528	4,830,564	4,960,817	5,252,580	5.528.505	5,900,151	6,194,077	6,577,022	
325	Chemical manufacturing	92,423	101,759	111,289	119,458	124,452	130,615	135,270	150,220	159,437	162.014	
3254	Pharmaceutical and medicine manufacturing	24,710	27,815	31,583	35,448	40,314	43,121	45,540	51,726	55,764	57,922	
1–53,	That had been and modeline managed any	,,,,,	27,010	01,000	00,110	10,011	10,121	10,010	01,720	00,701	01,022	
-56,	Chemicals minus pharmaceutical and medicine											
3259	manufacturing	67,713	73.944	79,707	84.009	84,139	87.494	89,730	98.494	103,673	104.092	
334				19,707								
	Computer and electronic product manufacturing	99,011	108,405	112,222	114,779	116,892	120,911	123,681	137,913	156,394	166,035	
3341	Computer and peripheral equipment manufacturing	21,119	23,546	23,417	23,172	22,005	23,837	24,464	27,967	32,328	36,224	
3342	Communications equipment manufacturing	11,530	12,320	12,578	13,184	13,150	14,461	15,069	17,518	18,971	21,662	
	Semiconductor and other electronic component											
3344	manufacturing	27,719	31,847	34,027	34,525	36,375	38,979	41,391	49,208	59,752	63,821	
	Navigational, measuring, electromedical, and control											
3345	instruments manufacturing	33,466	35,216	36,373	37,876	38,945	36,918	35,771	35,330	36,865	37,087	
3343.	Other computer and electronic products		-									
3346	manufacturing	5.177	5.476	5.828	6.021	6.417	6,715	6.986	7.890	8,478	7.241	
336	Transportation equipment manufacturing	138,424	141,781	141,933	133,047	142,521	147,906	158,123	165,795	159,224	169,286	
500	Motor vehicles, bodies and trailers, and parts	100,724	1 11,701	171,000	100,047		,,500	100,120	100,700	100,224	100,200	
1–63	manufacturing	71.321	75,459	74.827	63.487	65.881	81,131	95,021	113.044	108,404	109.434	
1–63 3364	Aerospace product and parts manufacturing	56,090	55,379	55,650	58,138	64,762	56,300	51,482	42,318	40,633	47,009	
	Aerospace product and parts manufacturing	30,090	55,379	33,030	30,130	04,702	30,300	51,462	42,310	40,033	47,009	
-66,	Other transportation and manufacture	11.010	10.010	11.457	44400	11.070	10.474	11.000	10.400	10.100	10.010	
3369	Other transportation equipment manufacturing	11,013	10,943	11,457	11,422	11,878	10,474	11,620	10,433	10,186	12,843	
5112	Software publishers	5,981	7,895	9,509	9,484	10,981	12,955	16,062	20,007	22,388	31,746	
2–53		826,212	887,276	949,996	1,014,993	1,075,992	1,155,630	1,220,894	1,280,250		1,442,506	
5415		21,650	24,499	27,806	30,084	32,479	36,046	40,454	45,576	50,847	60,724	
5417		14,144	16,640	18,537	21,336	21,899	23,358	25,150	25,985	26,925	30,495	
	All other for-profit industries	2,762,270	2,975,534	3,215,236	3,387,383	3,435,600	3,625,159	3,808,872	4,074,405	4,255,590	4,514,216	
	Nonprofit industries	185,753	205,516	224,630	248,951	266,613	287,501	306,465	321.541	339,487	361,706	
	Government	736,333	788,664	839,631	895,111	949,972	992,567	1,025,238	1.061,012	1.090.423	1.120,410	
	Federal government	330,972	351,677	368,889	383,281	407,115	420,068	423,043	427,164	426,759	429,945	
	State and local government	405,362	436,986	470,741	511,830	542,857	572,499	602,195	633,848	663,664	690,465	
	Otato una toda government	100,002	400,000	410,741	\$11,000	5+Z,001	372,400	002,100	000,040	000,004	000,400	
		1997	1998	199 9	2000	2001	2002	2003	2004	2005	2006	20
	Gross domestic product	8,565,991	9,036,483	9.611.249	10,229,882	10,567,376	10.920.572	11,430,984	12.170.386	12,967,282	13,759,058	14,45
	1				' '							
					0.400.700	0.740.040	0.044.000			1 i		
005	All for-profit industries	7,029,797	7,441,613	7,936,289	8,462,780	8,712,649	8,941,999	9,325,926	9,944,528	10,622,936	11,280,305	11,84
325	Chemical manufacturing	172,573	174,645	7,936,289 180,284	182,177	185,589	205,760	9,325,926 213,716	9,944,528 237,171	10,622,936 236,413	11,280,305 266,926	11,84 30
3254				7,936,289				9,325,926	9,944,528	10,622,936	11,280,305	11,84 30
3254 1-53,	Chemical manufacturing	172,573	174,645	7,936,289 180,284	182,177	185,589	205,760	9,325,926 213,716	9,944,528 237,171	10,622,936 236,413	11,280,305 266,926	11,84 30
3254 1-53, 5-56,	Chemical manufacturing	172,573 63,057	174,645 70,690	7,936,289 180,284 79,349	182,177 83,291	185,589 89,749	205,760 103,888	9,325,926 213,716 114,818	9,944,528 237,171 129,854	10,622,936 236,413 129,702	11,280,305 266,926 146,236	11,84 30 16
3254 1–53, 5–56, 3259	Chemical manufacturing	172,573 63,057	174,645 70,690 103,955	7,936,289 180,284 79,349 100,935	182,177 83,291 98,886	185,589 89,749 95,840	205,760 103,888 101,872	9,325,926 213,716 114,818 98,898	9,944,528 237,171 129,854 107,317	10,622,936 236,413 129,702 106,711	11,280,305 266,926 146,236 120,691	11,84 30 16
3254 1-53, 5-56, 3259 334	Chemical manufacturing	172,573 63,057 109,516 185,268	174,645 70,690 103,955 185,424	7,936,289 180,284 79,349 100,935 177,467	182,177 83,291 98,886 211,224	185,589 89,749 95,840 171,533	205,760 103,888 101,872 174,019	9,325,926 213,716 114,818 98,898 177,899	9,944,528 237,171 129,854 107,317 198,526	10,622,936 236,413 129,702 106,711 225,354	11,280,305 266,926 146,236 120,691 248,278	11,84 30 16 13 24
3254 1-53, 5-56, 3259 334 3341	Chemical manufacturing	172,573 63,057	174,645 70,690 103,955	7,936,289 180,284 79,349 100,935	182,177 83,291 98,886	185,589 89,749 95,840 171,533	205,760 103,888 101,872	9,325,926 213,716 114,818 98,898	9,944,528 237,171 129,854 107,317 198,526 35,782	10,622,936 236,413 129,702 106,711	11,280,305 266,926 146,236 120,691 248,278	11,84 30 16 13 24
3254 1-53, 5-56, 3259 334 3341	Chemical manufacturing	172,573 63,057 109,516 185,268 40,745	174,645 70,690 103,955 185,424 50,855	7,936,289 180,284 79,349 100,935 177,467 40,261	182,177 83,291 98,886 211,224 44,906	95,840 171,533 26,576	205,760 103,888 101,872 174,019 29,631	9,325,926 213,716 114,818 98,898 177,899 31,262	9,944,528 237,171 129,854 107,317 198,526 35,782	10,622,936 236,413 129,702 106,711 225,354 40,533	11,280,305 266,926 146,236 120,691 248,278 46,210	11,84 30 16 13 24
3254 1-53, 5-56, 3259 334 3341	Chemical manufacturing	172,573 63,057 109,516 185,268	174,645 70,690 103,955 185,424	7,936,289 180,284 79,349 100,935 177,467	182,177 83,291 98,886 211,224	185,589 89,749 95,840 171,533	205,760 103,888 101,872 174,019	9,325,926 213,716 114,818 98,898 177,899	9,944,528 237,171 129,854 107,317 198,526	10,622,936 236,413 129,702 106,711 225,354	11,280,305 266,926 146,236 120,691 248,278	11,84 30 16 13 24
3254 1-53, 5-56, 3259 334 3341 3342	Chemical manufacturing	172,573 63,057 109,516 185,268 40,745 25,988	174,645 70,690 103,955 185,424 50,855 32,353	7,936,289 180,284 79,349 100,935 177,467 40,261 28,977	98,886 211,224 44,906 40,116	95,840 171,533 26,576 35,132	205,760 103,888 101,872 174,019 29,631 28,133	9,325,926 213,716 114,818 98,898 177,899 31,262 26,158	9,944,528 237,171 129,854 107,317 198,526 35,782 25,214	10,622,936 236,413 129,702 106,711 225,354 40,533 30,010	11,280,305 266,926 146,236 120,691 248,278 46,210 33,667	11,84 30 16 13 24 4
3254 1-53, 5-56, 3259 334 3341 3342	Chemical manufacturing	172,573 63,057 109,516 185,268 40,745	174,645 70,690 103,955 185,424 50,855	7,936,289 180,284 79,349 100,935 177,467 40,261	182,177 83,291 98,886 211,224 44,906	95,840 171,533 26,576	205,760 103,888 101,872 174,019 29,631	9,325,926 213,716 114,818 98,898 177,899 31,262	9,944,528 237,171 129,854 107,317 198,526 35,782	10,622,936 236,413 129,702 106,711 225,354 40,533	11,280,305 266,926 146,236 120,691 248,278 46,210	11,84 30 16 13 24 4
3254 1-53, 5-56, 3259 3341 3341 3342	Chemical manufacturing Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing Computer and electronic product manufacturing Computer and peripheral equipment manufacturing Communications equipment manufacturing Semiconductor and other electronic component manufacturing Navigational, measuring, electromedical, and control	172,573 63,057 109,516 185,268 40,745 25,988 71,892	174,645 70,690 103,955 185,424 50,855 32,353 53,585	7,936,289 180,284 79,349 100,935 177,467 40,261 28,977 55,819	98,886 211,224 44,906 40,116 69,241	95,840 171,533 26,576 35,132 56,346	205,760 103,888 101,872 174,019 29,631 28,133 58,742	9,325,926 213,716 114,818 98,898 177,899 31,262 26,158 62,295	9,944,528 237,171 129,854 107,317 198,526 35,782 25,214 73,439	10,622,936 236,413 129,702 106,711 225,354 40,533 30,010 83,926	11,280,305 266,926 146,236 120,691 248,278 46,210 33,667 89,134	11,84 30 16 13 24 4 3
3254 1-53, 5-56, 3259 334 3341 3342 3344	Chemical manufacturing Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing Computer and electronic product manufacturing Computer and peripheral equipment manufacturing Communications equipment manufacturing. Semiconductor and other electronic component manufacturing. Navigational, measuring, electromedical, and control instruments manufacturing.	172,573 63,057 109,516 185,268 40,745 25,988	174,645 70,690 103,955 185,424 50,855 32,353	7,936,289 180,284 79,349 100,935 177,467 40,261 28,977	98,886 211,224 44,906 40,116	95,840 171,533 26,576 35,132	205,760 103,888 101,872 174,019 29,631 28,133	9,325,926 213,716 114,818 98,898 177,899 31,262 26,158	9,944,528 237,171 129,854 107,317 198,526 35,782 25,214	10,622,936 236,413 129,702 106,711 225,354 40,533 30,010	11,280,305 266,926 146,236 120,691 248,278 46,210 33,667	11,84 30 16 13 24 4 3
3254 1-53, 5-56, 3259 334 3341 3342 3344 3345 3343,	Chemical manufacturing Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing Computer and electronic product manufacturing Computer and peripheral equipment manufacturing Communications equipment manufacturing Semiconductor and other electronic component manufacturing Navigational, measuring, electromedical, and control instruments manufacturing.	172,573 63,057 109,516 185,268 40,745 25,988 71,892 39,543	174,645 70,690 103,955 185,424 50,855 32,353 53,585 39,246	7,936,289 180,284 79,349 100,935 177,467 40,261 28,977 55,819 45,442	98,886 211,224 44,906 40,116 69,241 50,350	95,840 171,533 26,576 35,132 56,346 48,273	205,760 103,888 101,872 174,019 29,631 28,133 58,742 51,985	9,325,926 213,716 114,818 98,898 177,899 31,262 26,158 62,295 51,993	9,944,528 237,171 129,854 107,317 198,526 35,782 25,214 73,439 56,283	10,622,936 236,413 129,702 106,711 225,354 40,533 30,010 83,926 62,532	11,280,305 266,926 146,236 120,691 248,278 46,210 33,667 89,134 70,284	11,84 30 16 13 24 4 3 8
3254 1-53, 5-56, 3259 3341 3342 3344 3345 3343, 3346	Chemical manufacturing Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing Computer and electronic product manufacturing Computer and peripheral equipment manufacturing. Communications equipment manufacturing. Semiconductor and other electronic component manufacturing. Navigational, measuring, electromedical, and control instruments manufacturing. Other computer and electronic products manufacturing.	172,573 63,057 109,516 185,268 40,745 25,988 71,892 39,543 7,100	174,645 70,690 103,955 185,424 50,855 32,353 53,585 39,246 9,385	7,936,289 180,284 79,349 100,935 177,467 40,261 28,977 55,819 45,442 6,968	98,886 211,224 44,906 40,116 69,241 50,350 6,610	95,840 171,533 26,576 35,132 56,346 48,273 5,207	205,760 103,888 101,872 174,019 29,631 28,133 58,742 51,985 5,528	9,325,926 213,716 114,818 98,898 177,899 31,262 26,158 62,295 51,993 6,192	9,944,528 237,171 129,854 107,317 198,526 35,782 25,214 73,439 56,283 7,808	10,622,936 236,413 129,702 106,711 225,354 40,533 30,010 83,926 62,532 8,354	11,280,305 266,926 146,236 120,691 248,278 46,210 33,667 89,134 70,284 8,984	11,84 30 16 13 24 4 3 8
3254 1-53, 5-56, 3259 334 3341 3342 3344 3345 3343,	Chemical manufacturing Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing Computer and electronic product manufacturing Computer and peripheral equipment manufacturing Communications equipment manufacturing Semiconductor and other electronic component manufacturing. Navigational, measuring, electromedical, and control instruments manufacturing Other computer and electronic products manufacturing Transportation equipment manufacturing	172,573 63,057 109,516 185,268 40,745 25,988 71,892 39,543	174,645 70,690 103,955 185,424 50,855 32,353 53,585 39,246	7,936,289 180,284 79,349 100,935 177,467 40,261 28,977 55,819 45,442	98,886 211,224 44,906 40,116 69,241 50,350	95,840 171,533 26,576 35,132 56,346 48,273	205,760 103,888 101,872 174,019 29,631 28,133 58,742 51,985	9,325,926 213,716 114,818 98,898 177,899 31,262 26,158 62,295 51,993	9,944,528 237,171 129,854 107,317 198,526 35,782 25,214 73,439 56,283	10,622,936 236,413 129,702 106,711 225,354 40,533 30,010 83,926 62,532	11,280,305 266,926 146,236 120,691 248,278 46,210 33,667 89,134 70,284	11,84 30 16 13 24 4 3 8
3254 1-53, 5-56, 3259 3341 3342 3344 3345 3343, 3346 336	Chemical manufacturing Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing Computer and electronic product manufacturing Computer and peripheral equipment manufacturing Semiconductor and other electronic component manufacturing Navigational, measuring, electromedical, and control instruments manufacturing Other computer and electronic products manufacturing Transportation equipment manufacturing Motor vehicles, bodies and trailers, and parts	172,573 63,057 109,516 185,268 40,745 25,988 71,892 39,543 7,100 172,308	174,645 70,690 103,955 185,424 50,855 32,353 53,585 39,246 9,385 187,328	7,936,289 180,284 79,349 100,935 177,467 40,261 28,977 55,819 45,442 6,968 203,587	98.886 211,224 44,906 40,116 69,241 50,350 6,610 205,928	95,840 171,533 26,576 35,132 56,346 48,273 5,207 198,292	205,760 103,888 101,872 174,019 29,631 28,133 58,742 51,985 5,528 210,283	9,325,926 213,716 114,818 98,898 177,899 31,262 26,158 62,295 51,993 6,192 216,825	9,944,528 237,171 129,854 107,317 198,526 35,782 25,214 73,439 56,283 7,808 210,865	10,622,936 236,413 129,702 106,711 225,354 40,533 30,010 83,926 62,532 8,354 217,290	11,280,305 266,926 146,236 120,691 248,278 46,210 33,667 89,134 70,284 8,984 219,506	11,84 30 16 13 24 4 3 8
3254 1-53, 5-56, 3259 3341 3342 3344 3345 3343, 3346 336	Chemical manufacturing	172,573 63,057 109,516 185,268 40,745 25,988 71,892 39,543 7,100 172,308	174,645 70,690 103,955 185,424 50,855 32,353 53,585 39,246 9,385 187,328 122,560	7,936,289 180,284 79,349 100,935 177,467 40,261 28,977 55,819 45,442 6,968 203,587	98,886 211,224 44,906 40,116 69,241 50,350 6,610 205,928 137,001	95,840 171,533 26,576 35,132 56,346 48,273 5,207 198,292 125,249	205,760 103,888 101,872 174,019 29,631 28,133 58,742 51,985 5,528 210,283 138,168	9,325,926 213,716 114,818 98,898 177,899 31,262 26,158 62,295 51,993 6,192 216,825	9,944,528 237,171 129,854 107,317 198,526 35,782 25,214 73,439 56,283 7,808 210,865	10,622,936 236,413 129,702 106,711 225,354 40,533 30,010 83,926 62,532 8,354 217,290 130,447	11,280,305 266,926 146,236 120,691 248,278 46,210 33,667 89,134 70,284 8,984 219,506	11,84 30 16 13 24 4 3 8 7
3254 1-53, 5-56, 3259 3341 3342 3344 3345 3344 3345 3346 3364	Chemical manufacturing	172,573 63,057 109,516 185,268 40,745 25,988 71,892 39,543 7,100 172,308	174,645 70,690 103,955 185,424 50,855 32,353 53,585 39,246 9,385 187,328	7,936,289 180,284 79,349 100,935 177,467 40,261 28,977 55,819 45,442 6,968 203,587	98.886 211,224 44,906 40,116 69,241 50,350 6,610 205,928	95,840 171,533 26,576 35,132 56,346 48,273 5,207 198,292	205,760 103,888 101,872 174,019 29,631 28,133 58,742 51,985 5,528 210,283	9,325,926 213,716 114,818 98,898 177,899 31,262 26,158 62,295 51,993 6,192 216,825	9,944,528 237,171 129,854 107,317 198,526 35,782 25,214 73,439 56,283 7,808 210,865	10,622,936 236,413 129,702 106,711 225,354 40,533 30,010 83,926 62,532 8,354 217,290 130,447	11,280,305 266,926 146,236 120,691 248,278 46,210 33,667 89,134 70,284 8,984 219,506	11,84 30 16 13 24 4 3 8 7
3254 1-53, 5-56, 3259 3341 3342 3344 3345 3344 3345 3346 3364	Chemical manufacturing	172,573 63,057 109,516 185,268 40,745 25,988 71,892 39,543 7,100 172,308	174,645 70,690 103,955 185,424 50,855 32,353 53,585 39,246 9,385 187,328 122,560	7,936,289 180,284 79,349 100,935 177,467 40,261 28,977 55,819 45,442 6,968 203,587	98,886 211,224 44,906 40,116 69,241 50,350 6,610 205,928 137,001	95,840 171,533 26,576 35,132 56,346 48,273 5,207 198,292 125,249	205,760 103,888 101,872 174,019 29,631 28,133 58,742 51,985 5,528 210,283 138,168	9,325,926 213,716 114,818 98,898 177,899 31,262 26,158 62,295 51,993 6,192 216,825	9,944,528 237,171 129,854 107,317 198,526 35,782 25,214 73,439 56,283 7,808 210,865	10,622,936 236,413 129,702 106,711 225,354 40,533 30,010 83,926 62,532 8,354 217,290 130,447	11,280,305 266,926 146,236 120,691 248,278 46,210 33,667 89,134 70,284 8,984 219,506	11,84 30 16 13 24 4 3 8 7
3254 1-53, 5-56, 3259 3341 3342 3344 3345 3364 5-66,	Chemical manufacturing. Pharmaceutical and medicine manufacturing	172,573 63,057 109,516 185,268 40,745 25,988 71,892 39,543 7,100 172,308	174,645 70,690 103,955 185,424 50,855 32,353 53,585 39,246 9,385 187,328 122,560	7,936,289 180,284 79,349 100,935 177,467 40,261 28,977 55,819 45,442 6,968 203,587	98,886 211,224 44,906 40,116 69,241 50,350 6,610 205,928 137,001	95,840 171,533 26,576 35,132 56,346 48,273 5,207 198,292 125,249	205,760 103,888 101,872 174,019 29,631 28,133 58,742 51,985 5,528 210,283 138,168	9,325,926 213,716 114,818 98,898 177,899 31,262 26,158 62,295 51,993 6,192 216,825	9,944,528 237,171 129,854 107,317 198,526 35,782 25,214 73,439 56,283 7,808 210,865	10,622,936 236,413 129,702 106,711 225,354 40,533 30,010 83,926 62,532 8,354 217,290 130,447	11,280,305 266,926 146,236 120,691 248,278 46,210 33,667 89,134 70,284 8,984 219,506	11,84 30 16 13 24 4 3 8 7
3254 1-53, 5-56, 3259 3341 3342 3344 3345 3343, 3346 3364 5-66, 3369	Chemical manufacturing	172,573 63,057 109,516 185,268 40,745 25,988 71,892 39,543 7,100 172,308 111,294 48,852	174,645 70,690 103,955 185,424 50,855 32,353 53,585 39,246 9,385 187,328 122,560 52,224	7,936,289 180,284 79,349 100,935 177,467 40,261 28,977 55,819 45,442 6,968 203,587 132,746 55,490	182,177 83,291 98,886 211,224 44,906 40,116 69,241 50,350 6,610 205,928 137,001 52,001	185,589 89,749 95,840 171,533 26,576 35,132 56,346 48,273 5,207 198,292 125,249 56,080 16,963	205,760 103,888 101,872 174,019 29,631 28,133 58,742 51,985 5,528 210,283 138,168 55,659	9,325,926 213,716 114,818 98,898 177,899 31,262 26,158 62,295 51,993 6,192 216,825 144,586 55,535	9,944,528 237,171 129,854 107,317 198,526 35,782 25,214 73,439 56,283 7,808 210,865 134,969 58,403 17,493	10,622,936 236,413 129,702 106,711 225,354 40,533 30,010 83,926 62,532 8,354 217,290 130,447 67,641	11,280,305 266,926 146,236 120,691 248,278 46,210 33,667 89,134 70,284 8,984 219,506 126,067 72,792	11,84 30 16 13 24 4 3 8 7 7
3254 1-53, 5-56, 3259 334 3341 3342 3344 3345 3364 5-66, 3369 5112	Chemical manufacturing	172,573 63,057 109,516 185,268 40,745 25,988 71,892 39,543 7,100 172,308 111,294 48,852 12,162 36,775	174,645 70,690 103,955 185,424 50,855 32,353 53,585 39,246 9,385 187,328 122,560 52,224 12,543 46,914	7,936,289 180,284 79,349 100,935 177,467 40,261 28,977 55,819 45,442 6,968 203,587 132,746 55,499 15,352 64,956	182,177 83,291 98,886 211,224 44,906 40,116 69,241 50,350 6,610 205,928 137,001 52,001 16,925 54,126	185,589 89,749 95,840 171,533 26,576 35,132 56,346 48,273 5,207 198,292 125,249 56,080 16,963 55,085	205,760 103,888 101,872 174,019 29,631 28,133 58,742 51,985 5,528 210,283 138,168 55,659 16,456 65,293	9,325,926 213,716 114,818 98,898 177,899 31,262 26,158 62,295 51,993 6,192 216,825 144,586 55,535 16,704 68,963	9,944,528 237,171 129,854 107,317 198,526 35,782 25,214 73,439 56,283 7,808 210,865 134,969 58,403 17,493 17,4025	10,622,936 236,413 129,702 106,711 225,354 40,533 30,010 83,926 62,532 8,354 217,290 130,447 67,641 19,202 76,708	11,280,305 266,926 146,236 120,691 248,278 46,210 33,667 89,134 70,284 8,984 219,506 126,067 72,792 20,647 71,595	11,843 30 16 13 24 4 3 8 7 7 22 12 8
3254 1-53, 5-56, 3259 334 3341 3342 3344 3345 3364 5-66, 3369 5112 2-53	Chemical manufacturing	172,573 63,057 109,516 185,268 40,745 25,988 71,892 39,543 7,100 172,308 111,294 48,852 12,162 36,775	174,645 70,690 103,955 185,424 50,855 32,353 53,585 39,246 9,385 187,328 122,560 52,224 12,543 46,914 1,643,447	7,936,289 180,284 79,349 100,935 177,467 40,261 28,977 55,819 45,442 6,968 203,587 132,746 55,490 15,352 61,777,168	182,177 83,291 98,886 211,224 44,906 40,116 69,241 50,350 6,610 205,928 137,001 52,001 16,925 54,126	185,589 89,749 95,840 171,533 26,576 35,132 56,346 48,273 5,207 198,292 125,249 56,080 16,963 5,095,019	205,760 103,888 101,872 174,019 29,631 28,133 58,742 51,985 210,283 138,168 55,659 16,5293 2,156,435	9,325,926 213,716 114,818 98,898 177,899 31,262 26,158 62,295 51,993 6,192 216,825 144,586 55,535 16,704 68,763 2,244,855	9,944,528 237,171 129,854 107,317 198,526 35,782 25,214 73,439 56,283 7,808 210,865 134,969 58,403 17,493 74,025 2,332,546	10,622,936 236,413 129,702 106,711 225,354 40,533 30,010 83,926 62,532 8,354 217,290 130,447 67,641 19,202 76,708 2,524,110	11,280,305 266,926 146,236 1248,278 46,210 33,667 89,134 70,284 8,984 219,506 126,067 72,792 20,647 77,356	11,84 30 16 13 24 3 8 8 7 7 22 12 8 8
3254 1-53, 5-56, 3259 3341 3342 3344 3345 3343, 3346 3364 5-66, 3369 5112 2-53	Chemical manufacturing	172,573 63,057 109,516 185,268 40,745 25,988 71,892 39,543 7,100 172,308 111,294 48,852 12,162 36,775 1,559,478 76,905	174,645 70,690 103,955 185,424 50,855 32,353 53,585 39,246 9,385 187,328 122,560 52,224 12,543 46,914 1,643,447 90,133	7,936,289 180,284 79,349 100,935 177,467 40,261 28,977 55,819 45,442 6,968 203,587 132,746 55,490 15,352 64,956 1,777,168	182,177 83,291 98,886 211,224 44,906 40,116 69,241 50,350 6,610 205,928 137,001 52,001 16,925 54,126 1,939,571	185,589 89,749 95,840 171,533 26,576 35,132 56,346 48,273 5,207 198,292 125,249 56,080 16,963 55,085 2,092,019 124,705	205,760 103,888 101,872 174,019 29,631 28,133 58,742 51,985 210,283 138,168 55,659 16,456 65,293 2,156,435 122,590	9,325,926 213,716 114,818 98,898 177,899 31,262 26,158 62,295 51,993 6,192 216,825 144,586 55,535 16,704 68,963 2,244,855 120,382	9,944,528 237,171 129,854 107,317 198,526 35,782 25,214 73,439 56,283 7,808 210,865 134,969 58,403 17,493 74,025 2,332,546 124,554	10,622,936 236,413 129,702 106,711 225,354 40,533 30,010 83,926 62,532 8,354 217,290 130,447 67,641 19,202 76,708 2,524,110	11,280,305 266,926 146,236 120,691 248,278 46,210 33,667 89,134 70,284 8,984 219,506 126,067 72,792 20,647 71,595 2,687,356	11,84 30 16 13 24 3 8 7 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
3254 1-53, 5-56, 3259 3341 3342 3344 3345 3343, 3346 3364 5-66, 3369 5112 2-53	Chemical manufacturing	172,573 63,057 109,516 185,268 40,745 25,988 71,892 39,543 7,100 172,308 111,294 48,852 12,165 12,675 1,559,478 76,905	174,645 70,690 103,955 185,424 50,855 32,353 53,585 39,246 9,385 122,560 52,224 12,543 46,914 1,643,447 90,133 40,423	7,936,289 180,284 79,349 100,935 177,467 40,261 28,977 55,819 45,442 6,968 203,587 132,746 55,490 15,352 64,956 1,777,168 102,759 44,277	182,177 83,291 98,886 211,224 44,906 40,116 69,241 50,350 6,610 205,928 137,001 52,002 14,025 54,126 1,939,571 116,297 52,038	185,589 89,749 95,840 171,533 26,576 35,132 56,346 48,273 5,207 198,292 125,249 56,080 16,963 55,086 2,092,019 124,705 56,113	205,760 103,888 101,872 174,019 29,631 28,133 58,742 51,985 5,528 210,283 138,168 55,659 16,456 65,293 2,156,435 122,590 58,328	9,325,926 213,716 114,818 98,898 177,899 31,262 26,158 62,295 51,993 6,192 216,825 144,586 55,535 16,704 68,963 2,244,855 120,382 60,434	9,944,528 237,171 129,854 107,317 198,526 35,782 25,214 73,439 56,283 7,808 210,865 134,969 58,403 17,493 74,025 2,332,546 124,584 65,229	10,622,936 236,413 129,702 106,711 225,354 40,533 30,010 83,926 62,532 8,354 217,290 130,447 67,641 19,202 2,524,110 138,144 71,125	11,280,305 266,926 146,236 120,691 248,278 46,210 33,667 89,134 70,284 8,984 219,506 126,067 72,792 20,647 71,595 2,687,356 154,103	11,84 30 16 13 22 4 3 8 8 8 8 2 2 2 2 12 8 8 13 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16
3254 1-53, 5-56, 3259 3341 3342 3344 3345 3343, 3346 3364 5-66, 3369 5112 2-53	Chemical manufacturing	172,573 63,057 109,516 185,288 40,745 25,988 71,892 39,543 7,100 172,308 111,294 48,852 12,162 36,775 1,559,478 76,905 35,328 4,791,162	174,645 70,690 103,955 185,424 50,855 32,353 53,585 39,246 9,385 187,328 122,560 52,224 12,543 46,914 1,643,447 90,133 40,423 5,073,300	7,936,289 180,284 79,349 100,935 177,467 40,261 28,977 55,819 45,442 6,968 203,587 132,746 55,490 15,352 64,956 102,759 44,277 5,385,791	182,177 83,291 98,886 211,224 44,906 40,116 69,241 50,350 6,610 205,928 137,001 52,001 16,925 52,038 5,701,419	185,589 89,749 95,840 171,533 26,576 35,132 56,346 48,273 5,207 198,292 125,249 56,080 16,963 5,092,019 124,705 5,113 5,829,312	205,760 103,888 101,872 174,019 29,631 28,133 58,742 51,985 210,283 138,168 55,659 16,456 65,293 2,156,435 122,590 58,328 59,49,292	9,325,926 213,716 114,818 98,898 177,899 31,262 26,158 62,295 51,993 6,192 216,825 144,586 55,535 16,704 68,963 2,244,855 120,382 60,434 6,222,853	9,944,528 237,171 129,854 107,317 198,526 35,782 25,214 73,439 56,283 7,808 210,865 134,969 58,403 17,493 74,025 2,332,546 124,584 65,229 6,701,531	10,622,936 236,413 129,702 106,711 225,354 40,533 30,010 83,926 62,532 8,354 217,290 130,447 67,641 19,202 76,708 2,524,110 138,144 7,11,25 7,133,791	11,280,305 266,926 146,236 1248,278 46,210 33,667 89,134 70,284 8,984 219,506 126,067 72,792 20,647 71,595 2,687,356 154,103 7,6661 7,555,880	11,84 30 16 13 24 4 3 8 8 7 7 2,81 17 2,81 17 7,93
3254 1-53, 5-56, 3259 334 3341 3342 3343, 3346 3364 336, 336, 336, 336, 336	Chemical manufacturing	172,573 63,057 109,516 185,268 40,745 25,988 71,892 39,543 7,100 172,308 111,294 4,852 12,162 36,775 1,559,478 76,905 35,328 4,791,162	174,645 70,690 103,955 185,424 50,855 32,353 53,585 39,246 9,385 187,328 122,560 52,224 12,543 46,914 1,643,447 90,133 40,423 5,073,300 403,478	7,936,289 180,284 79,349 100,935 177,467 40,261 28,977 55,819 45,442 6,968 203,587 132,746 55,490 15,352 64,956 1,777,168 102,759 44,277 5,385,791 428,486	182,177 83,291 98,886 211,224 44,906 40,116 69,241 50,350 6,610 205,928 137,001 52,001 16,925 54,126 1,939,571 116,297 52,038 5,701,419	185,589 89,749 95,840 171,533 26,576 35,132 56,346 48,273 5,207 198,292 125,249 56,080 16,963 55,085 2,092,019 124,705 56,113 5,829,312 486,027	205,760 103,888 101,872 174,019 29,631 28,133 58,742 51,985 210,283 138,168 55,659 16,456 65,293 2,156,435 122,590 58,328 5,949,292 528,413	9,325,926 213,716 114,818 98,898 177,899 31,262 26,158 62,295 51,993 6,192 216,825 144,586 55,535 16,704 68,963 2,244,855 120,382 60,434 6,222,853 565,972	9,944,528 237,171 129,854 107,317 198,526 35,782 25,214 73,439 56,283 7,808 210,865 134,969 58,403 17,493 74,025 2,332,546 124,584 65,229 6,701,581 606,441	10,622,936 236,413 129,702 106,711 225,354 40,533 30,010 83,926 62,532 8,354 217,290 130,447 67,641 19,202 76,708 2,524,110 138,144 71,125 7,133,791 637,174	11,280,305 266,926 146,236 120,691 248,278 46,210 33,667 89,134 70,284 8,984 219,506 126,067 72,792 20,647 71,595 2,687,356 154,103 76,661 7,555,880 680,210	11,84 30 16 13 24 4 3 8 8 7 7 22 2 12 8 8 2,81 17 8 7,7 9,7 7
3254 1-53, 5-56, 3259 334 3341 3342 3343, 3346 3364 336, 336, 336, 336, 336	Chemical manufacturing	172,573 63,057 109,516 185,268 40,745 25,988 71,892 39,543 7,100 172,308 111,294 48,852 12,162 36,775 1,559,478 76,905 35,328 4,791,162 380,779 1,155,478	174,645 70,690 103,955 185,424 50,855 32,353 53,585 39,246 9,385 187,328 122,580 52,224 12,543 46,914 1,643,447 90,133 40,423 5,073,300 403,478 1,191,392	7,936,289 180,284 79,349 100,935 177,467 40,261 28,977 55,819 45,442 6,968 203,587 132,746 55,490 15,352 64,956 1,777,168 102,759 44,277 5,385,791 428,486 41,246,473	182,177 83,291 98,886 211,224 44,906 40,116 69,241 50,350 6,610 205,928 137,001 52,001 16,925 54,126 1,939,571 116,297 52,038 5,701,419 457,643 1,309,459	185,589 89,749 95,840 171,533 26,576 35,132 56,346 48,273 5,207 198,292 125,249 56,080 16,963 5,5085 2,092,019 124,705 56,113 5,6113 15,829,312 486,027 1,368,700	205,760 103,888 101,872 174,019 29,631 28,133 58,742 51,985 5,528 210,283 138,168 55,659 16,456 65,293 2,156,435 122,590 58,328 5,949,292 528,413 1,450,160	9,325,926 213,716 114,818 98,898 177,899 31,262 26,158 62,295 51,993 6,192 216,825 144,586 55,535 16,704 68,963 2,244,855 120,382 60,434 6,222,853 565,972	9,944,528 237,171 129,854 107,317 198,526 35,782 25,214 73,439 56,283 7,808 210,865 134,969 58,403 17,493 74,025 2,332,546 124,584 66,529 6,701,581 606,441 1,619,417	10,622,936 236,413 129,702 106,711 225,354 40,533 30,010 83,926 62,532 8,354 217,290 130,447 67,641 19,202 76,708 2,524,110 138,144 71,125 7,133,791 637,174 1,707,173	11,280,305 266,926 146,236 120,691 248,278 46,210 33,667 89,134 70,284 8,984 219,506 126,067 72,792 20,647 71,595 2,687,356 154,103 76,661 7,555,880 680,210 1,798,543	11,84 30 16 13 24 4 3 8 7 22 12 28 11 7 8 7,93 7,93 7,93
3254 1-53, 5-56, 3259 334 3341 3342 3344 3345 3343, 3346	Chemical manufacturing	172,573 63,057 109,516 185,268 40,745 25,988 71,892 39,543 7,100 172,308 111,294 4,852 12,162 36,775 1,559,478 76,905 35,328 4,791,162	174,645 70,690 103,955 185,424 50,855 32,353 53,585 39,246 9,385 187,328 122,560 52,224 12,543 46,914 1,643,447 90,133 40,423 5,073,300 403,478	7,936,289 180,284 79,349 100,935 177,467 40,261 28,977 55,819 45,442 6,968 203,587 132,746 55,490 15,352 64,956 1,777,168 102,759 44,277 5,385,791 428,486	182,177 83,291 98,886 211,224 44,906 40,116 69,241 50,350 6,610 205,928 137,001 52,001 16,925 54,126 1,939,571 116,297 52,038 5,701,419	185,589 89,749 95,840 171,533 26,576 35,132 56,346 48,273 5,207 198,292 125,249 56,080 16,963 55,085 2,092,019 124,705 56,113 5,829,312 486,027	205,760 103,888 101,872 174,019 29,631 28,133 58,742 51,985 210,283 138,168 55,659 16,456 65,293 2,156,435 122,590 58,328 5,949,292 528,413	9,325,926 213,716 114,818 98,898 177,899 31,262 26,158 62,295 51,993 6,192 216,825 144,586 55,535 16,704 68,963 2,244,855 120,382 60,434 6,222,853 565,972	9,944,528 237,171 129,854 107,317 198,526 35,782 25,214 73,439 56,283 7,808 210,865 134,969 58,403 17,493 74,025 2,332,546 124,584 65,229 6,701,581 606,441	10,622,936 236,413 129,702 106,711 225,354 40,533 30,010 83,926 62,532 8,354 217,290 130,447 67,641 19,202 76,708 2,524,110 138,144 71,125 71,33,791 637,174 1,707,173 611,708	11,280,305 266,926 146,236 120,691 248,278 46,210 33,667 89,134 70,284 8,984 219,506 126,067 72,792 20,647 71,595 2,687,356 154,103 76,661 7,555,880 680,210	11,84 30 16 13 24 4 3 3 8 7 22 12,81 177 8 8 7,93 72 1,90 67

Nores. Value added with R&D treated as investment and the removal of the R&D software investment double-count. GDP for 2007 is consistent with the release of national data on July 30, 2010.

Industry estimates for 2007 are consistent with the release of revised industry data on May 25, 2010.

NAICS North American Industry Classification System

R&D Research and development

Table 7.3B. Value Added by Industry With R&D Treated as Investment, 1987-2007

(Millions of chained (2005) dollars)

ICS de	industry	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
	Gross domestic product	7,373,897	7,680,945	7,961,175	8,116,002	8,110,206	8,387,570	8,624,861	8,974,641	9,218,319	9,584,450
	All for-profit industries	5,750,451	6.025,763	6,253,544	6,363,486	6,365,513	6,614,929	6,796,683	7,115,863	7,314,809	7,650,023
325	Chemical manufacturing	147,962	144,699	147,561	159,025	158,018	163,241	165,541	178,030	175,243	180,648
325 3254	Pharmaceutical and medicine manufacturing	56,320	58,774	60,590	62,075	64,327	63,783		71,670		78,240
-53.	Frialmaceutical and medicine manufacturing	30,320	30,774	00,590	62,075	04,321	03,763	64,649	/1,0/0	76,581	10,240
	Objectively minus absorbed and another								}		
-56,	Chemicals minus pharmaceutical and medicine	05.005	04.000	00.005	04.000	00.000	04454	05 500	104 100		
3259	manufacturing	85,895	81,992	83,265	91,622	89,339	94,151	95,502	101,109	95,264	98,689
334	Computer and electronic product manufacturing	9,409	10,893	11,626	12,457	13,016	14,317	15,969	19,431	27,123	34,935
341	Computer and peripheral equipment manufacturing	104	139	157	185	209	289	412	568	876	1,508
3342	Communications equipment manufacturing	8,677	10,224	10,474	10,674	9,861	10,263	10,323	12,129	13,536	13,926
	Semiconductor and other electronic component										
3344	manufacturing	431	506	580	678	773	945	1,118	1,555	2,892	4,639
	Navigational, measuring, electromedical, and control						1		ļ		
3345	instruments manufacturing	64,924	67,440	65,930	63,488	60,794	54,369	50,864	49,097	48,371	43,295
343.	Other computer and electronic products	· '	·								
346		5,764	6.543	7.044	6,813	7,209	7,148	7,653	8.736	9,185	5,769
336	Transportation equipment manufacturing	167,425	177,725	173,491	158,102	159,250	155,818	160,584	164,219	160,133	164,331
	Motor vehicles, bodies and trailers, and parts	,	, . 20	,		,	,		,_,		12.,501
-63	manufacturing	71,127	78,731	76,660	64,687	62,494	72,034	80,580	93,176	92,197	89,845
364	Aerospace product and parts manufacturing	96.881	98,160	95,625	94,910	100,397	82,845	73,835	59,336	56,385	63,239
-66.	sopass product and parts management	0,007	50,700	30,023	51,570	.00,007	32,073	. 0,000	50,000	. 50,000	00,200
369	Other transportation equipment manufacturing	18.166	18.472	18.530	17.559	17,225	14.461	15.773	14,122	13.058	15,606
112	Software publishers	809	1,336	2,189	2,765	3,500	5,928	7,914	11,434	14,172	22,039
-53	Finance, insurance, real estate, rental, and leasing	1,423,596	1,474,537	1,511,908	1,547,336	1,571,899	1,621,731	1,668,300	1,707,260		1,792,070
5415	Computer systems design and related services	27,916	30,324	33,944	35,546	36,955	40,284	44,034	48,501		
417										51,465	59,030
417	Scientific R&D services	17,496	19,838	21,735	24,583	24,541	25,991	27,745	28,567	29,721	34,400
	All other for-profit industries	4,253,360	4,455,939	4,641,847	4,712,059	4,679,279	4,866,582	4,976,965	5,212,208	5,313,537	5,535,878
	Nonprofit industries	390,829	409,841	425,066	432,159	429,110	445,270	457,579	478,901	488,618	509,142
	Government	1,278,543	1,313,947	1,349,447	1,386,590	1,396,463	1,411,452	1,416,258	1,426,164	1,434,444	1,452,866
	Federal government	479,011	488,083	498,611	511,780	514,475	518,332	513,346	509,975	500,445	502,823
	State and local government	790,581	818,127	843,786	867,733	875,120	886,618	898,021	912,780	933,104	949,895
		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
	Gross domestic product	10,032,273	10.495.079	11 009 005	11 492 564	11,619,639	11 926 960	12,129,552	12 569 501	12 067 276	13,334,013
	•										
	All for-profit industries	8,057,199	8,474,223	8,951,475	9,396,706	9,527,020	9,666,248			10,622,936	10,957,685
25	Chemical manufacturing	189,690	183,010	194,732	198,391	196,723	215,052	220,243	244,230	236,413	259,930
254	Pharmaceutical and medicine manufacturing	84,255	83,746	94,004	97,790	103,662	114,369	121,495	133,216	129,702	140,187
53,							{			l	
56,	Chemicals minus pharmaceutical and medicine									İ	
259	manufacturing	102,157	96,743	98,988	99,149	92,638	100,363	98,772	111,022	106,711	119,788
334	Computer and electronic product manufacturing	45,561	60,489	76,367	117,219	120,230	133,442	151,337	184,056	225,354	271,390
341	Computer and peripheral equipment manufacturing	2,597	5,087	6,529	9,619	8,865	15,132	21,204	28,292	40,533	60,290
342	Communications equipment manufacturing	15,230	19,461	18,730	28,037	25,135	21,974	22,639	24,108	30.010	35,426
	Semiconductor and other electronic component	'							l	1	
344	manufacturing	6,873	8,599	14,325	31,307	40,516	43,907	52,303	68,962	83,926	97,011
	Navigational, measuring, electromedical, and control	-,	-,	,	.,	-,	1	_,_,_,			,
	instruments manufacturing	41,914	39,978	46,460	52,016	49.347	51,881	51,333	55,939	62,532	70,440
345		,,	20,0.0	1 .5, .50	,5.0		,55.	1.,000	-0,000	,	3,
	Utner computer and electronic products				4.595	3,806	4,400	5,318	7.313	8.354	9,490
343,	Other computer and electronic products	4 581	5 998	4 576					202,518	217,290	230,293
343, 346	manufacturing	4,581 167 273	5,998 180 552	4,576 191 234			195 867	202 004			200,200
343, 346	manufacturing Transportation equipment manufacturing	4,581 167,273	5,998 180,552	4,576 191,234	191,601	179,896	195,867	202,004	202,510	1	
346 336	manufacturing Transportation equipment manufacturing Motor vehicles, bodies and trailers, and parts	167,273	180,552	191,234	191,601	179,896]				120.214
343, 346 336 63	manufacturing Transportation equipment manufacturing Motor vehicles, bodies and trailers, and parts manufacturing	167,273 92,397	180,552 102,015	191,234 107,766	191,601 111,943	179,896 101,368	117,526	125,233	124,097	130,447	139,214
346 336 -63 364	manufacturing Transportation equipment manufacturing Motor vehicles, bodies and trailers, and parts	167,273	180,552	191,234	191,601	179,896]				139,214 70,913
343, 346 336 -63 364 -66,	manufacturing. Transportation equipment manufacturing. Motor vehicles, bodies and trailers, and parts manufacturing. Aerospace product and parts manufacturing	92,397 64,545	180,552 102,015 67,235	191,234 107,766 69,224	191,601 111,943 62,076	179,896 101,368 63,021	117,526 61,453	125,233 58,764	124,097 59,997	130,447 67,641	70,913
343, 346 336 -63 364 -66, 369	manufacturing Transportation equipment manufacturing Motor vehicles, bodies and trailers, and parts manufacturing Aerospace product and parts manufacturing Other transportation equipment manufacturing	92,397 64,545 14,366	180,552 102,015 67,235 14,474	191,234 107,766 69,224 17,531	191,601 111,943 62,076 18,815	179,896 101,368 63,021 18,220	117,526 61,453 17,499	125,233 58,764 17,620	124,097 59,997 18,282	130,447 67,641 19,202	70,913 20,240
346 336 -63 364 -66, 369	manufacturing. Transportation equipment manufacturing Motor vehicles, bodies and trailers, and parts manufacturing Aerospace product and parts manufacturing Other transportation equipment manufacturing Software publishers	92,397 64,545 14,366 29,597	180,552 102,015 67,235 14,474 38,396	191,234 107,766 69,224 17,531 53,518	191,601 111,943 62,076 18,815 43,823	179,896 101,368 63,021 18,220 44,409	117,526 61,453 17,499 54,494	125,233 58,764 17,620 61,801	124,097 59,997 18,282 71,733	130,447 67,641 19,202 76,708	70,913 20,240 72,048
343, 346 336 -63 364 -66, 369 112 -53	manufacturing. Transportation equipment manufacturing. Motor vehicles, bodies and trailers, and parts manufacturing. Aerospace product and parts manufacturing. Other transportation equipment manufacturing. Software publishers. Finance, insurance, real estate, rental, and leasing.	92,397 64,545 14,366 29,597 1,872,222	180,552 102,015 67,235 14,474 38,396 1,928,169	191,234 107,766 69,224 17,531 53,518 2,056,076	191,601 111,943 62,076 18,815 43,823 2,196,074	179,896 101,368 63,021 18,220 44,409 2,330,433	117,526 61,453 17,499 54,494 2,322,830	125,233 58,764 17,620 61,801 2,353,808	124,097 59,997 18,282 71,733 2,385,397	130,447 67,641 19,202 76,708 2,524,110	70,913 20,240 72,048 2,628,491
343, 346 336 -63 364 -66, 369 112 -53 415	manufacturing Transportation equipment manufacturing Motor vehicles, bodies and trailers, and parts manufacturing Aerospace product and parts manufacturing Other transportation equipment manufacturing Software publishers Finance, insurance, real estate, rental, and leasing Computer systems design and related services	92,397 64,545 14,366 29,597 1,872,222 70,969	180,552 102,015 67,235 14,474 38,396 1,928,169 85,626	191,234 107,766 69,224 17,531 53,518 2,056,076 95,879	191,601 111,943 62,076 18,815 43,823 2,196,074 104,774	179,896 101,368 63,021 18,220 44,409 2,330,433 111,835	117,526 61,453 17,499 54,494 2,322,830 112,750	125,233 58,764 17,620 61,801 2,353,808 114,658	124,097 59,997 18,282 71,733 2,385,397 123,144	130,447 67,641 19,202 76,708 2,524,110 138,144	70,913 20,240 72,048 2,628,491 153,084
343, 346 336 -63 364 -66, 369 112 -53 415	manufacturing. Transportation equipment manufacturing Motor vehicles, bodies and trailers, and parts manufacturing Aerospace product and parts manufacturing Other transportation equipment manufacturing Software publishers. Finance, insurance, real estate, rental, and leasing Computer systems design and related services Scientific R&D services	92,397 64,545 14,366 29,597 1,872,222 70,969 37,129	180,552 102,015 67,235 14,474 38,396 1,928,169 85,626 43,255	191,234 107,766 69,224 17,531 53,518 2,056,076 95,879 47,919	191,601 111,943 62,076 18,815 43,823 2,196,074 104,774 55,196	179,896 101,368 63,021 18,220 44,409 2,330,433 111,835 59,794	117,526 61,453 17,499 54,494 2,322,830 112,750 62,172	125,233 58,764 17,620 61,801 2,353,808 114,658 63,417	124,097 59,997 18,282 71,733 2,385,397 123,144 67,280	130,447 67,641 19,202 76,708 2,524,110 138,144 71,125	70,913 20,240 72,048 2,628,491 153,084 76,607
343, 3346 336 1–63 3364 –66, 3369 5112 2–53	manufacturing Transportation equipment manufacturing Motor vehicles, bodies and trailers, and parts manufacturing Aerospace product and parts manufacturing Other transportation equipment manufacturing Software publishers Finance, insurance, real estate, rental, and leasing Computer systems design and related services Scientific R&D services All other for-profit industries	92,397 64,545 14,366 29,597 1,872,222 70,969 37,129 5,783,569	180,552 102,015 67,235 14,474 38,396 1,928,169 85,626 43,255 6,051,947	191,234 107,766 69,224 17,531 53,518 2,056,076 95,879 47,919 6,302,213	191,601 111,943 62,076 18,815 43,823 2,196,074 104,774 55,196 6,514,497	179,896 101,368 63,021 18,220 44,409 2,330,433 111,835 59,794 6,508,995	117,526 61,453 17,499 54,494 2,322,830 112,750 62,172 6,583,176	125,233 58,764 17,620 61,801 2,353,808 114,658 63,417 6,730,209	124,097 59,997 18,282 71,733 2,385,397 123,144 67,280 6,999,241	130,447 67,641 19,202 76,708 2,524,110 138,144 71,125 7,133,791	70,913 20,240 72,048 2,628,491 153,084 76,607 7,268,916
343, 346 336 -63 364 -66, 3369 1112 -53	manufacturing Transportation equipment manufacturing Motor vehicles, bodies and trailers, and parts manufacturing Aerospace product and parts manufacturing Other transportation equipment manufacturing Software publishers Finance, insurance, real estate, rental, and leasing Computer systems design and related services Scientific R&D services All other for-profit industries	92,397 64,545 14,366 29,597 1,872,222 70,969 37,129 5,783,569 530,689	180,552 102,015 67,235 14,474 38,396 1,928,169 85,626 43,255 6,051,947 539,784	191,234 107,766 69,224 17,531 53,518 2,056,076 95,879 47,919 6,302,213 551,912	191,601 111,943 62,076 18,815 43,823 2,196,074 104,774 55,196 6,514,497 561,068	179,896 101,368 63,021 18,220 44,409 2,330,433 111,835 59,794 6,508,995 567,961	117,526 61,453 17,499 54,494 2,322,830 112,750 62,172 6,583,176 592,467	125,233 58,764 17,620 61,801 2,353,808 114,658 63,417 6,730,209 611,917	124,097 59,997 18,282 71,733 2,385,397 123,144 67,280 6,999,241 632,174	130,447 67,641 19,202 76,708 2,524,110 138,144 71,125 7,133,791 637,174	70,913 20,240 72,048 2,628,491 153,084 76,607 7,268,916 655,199
3345 343, 3346 336 1–63 3364 -66, 3369 5112 2–53 5417	manufacturing. Transportation equipment manufacturing Motor vehicles, bodies and trailers, and parts manufacturing. Aerospace product and parts manufacturing Other transportation equipment manufacturing Software publishers. Finance, insurance, real estate, rental, and leasing Computer systems design and related services Scientific R&D services. All other for-profit industries. Nonprofit industries	92,397 64,545 14,366 29,597 1,872,222 70,969 37,129 5,783,569 530,689 1,481,533	180,552 102,015 67,235 14,474 38,396 1,928,169 85,626 43,255 6,051,947 539,784 1,510,948	191,234 107,766 69,224 17,531 53,518 2,056,076 95,879 47,919 6,302,213 551,912 1,537,872	191,601 111,943 62,076 18,815 43,823 2,196,074 104,774 55,196 6,514,497 561,068 1,573,060	179,896 101,368 63,021 18,220 44,409 2,330,433 111,835 59,794 6,508,995 567,961 1,593,611	117,526 61,453 17,499 54,494 2,322,830 112,750 62,172 6,583,176 592,467 1,632,173	125,233 58,764 17,620 61,801 2,353,808 114,658 63,417 6,730,209 611,917 1,659,942	124,097 59,997 18,282 71,733 2,385,397 123,144 67,280 6,999,241 632,174 1,684,456	130,447 67,641 19,202 76,708 2,524,110 138,144 71,125 7,133,791 637,174 1,707,173	70,913 20,240 72,048 2,628,491 153,084 76,607 7,268,916 655,199 1,725,292
343, 346 336 -63 364 -66, 369 112 -53	manufacturing Transportation equipment manufacturing Motor vehicles, bodies and trailers, and parts manufacturing Aerospace product and parts manufacturing Other transportation equipment manufacturing Software publishers Finance, insurance, real estate, rental, and leasing Computer systems design and related services Scientific R&D services All other for-profit industries	92,397 64,545 14,366 29,597 1,872,222 70,969 37,129 5,783,569 530,689	180,552 102,015 67,235 14,474 38,396 1,928,169 85,626 43,255 6,051,947 539,784	191,234 107,766 69,224 17,531 53,518 2,056,076 95,879 47,919 6,302,213 551,912	191,601 111,943 62,076 18,815 43,823 2,196,074 104,774 55,196 6,514,497 561,068	179,896 101,368 63,021 18,220 44,409 2,330,433 111,835 59,794 6,508,995 567,961	117,526 61,453 17,499 54,494 2,322,830 112,750 62,172 6,583,176 592,467	125,233 58,764 17,620 61,801 2,353,808 114,658 63,417 6,730,209 611,917	124,097 59,997 18,282 71,733 2,385,397 123,144 67,280 6,999,241 632,174	130,447 67,641 19,202 76,708 2,524,110 138,144 71,125 7,133,791 637,174	70,913 20,240 72,048 2,628,491 153,084 76,607 7,268,916 655,199

Notes. Implemented using the aggregate output price index.
Value added with R&D treated as investment and the removal of the R&D software investment double-count.
GDP for 2007 is consistent with the release of national data on July 30, 2010.
industry estimates for 2007 are consistent with the release of revised industry data on May 25, 2010.
NAICS North American Industry Classification System
R&D Research and development

Table 7.4A. Value Added by Industry Unadjusted for R&D as Investment, 1987–2007 (Millions of dollars)

NAICS code	Industry	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	
	Gross domestic product	4,736,354	5,100,422	5,482,146	5,800,527	5,992,094	6,342,306	6,667,350	7,085,160	7,414,655	7,838,456	
	All for-profit industries	3,894,641	4,192,514	4,508,112	4,748,595	4,870,171	5,158,309	5,433,648	5,802,879	6,085,290	6,455,782	
325	Chemical manufacturing	81,793	89,703	98,180	105,039	108,629	113,982	117,086	131,794	139,768	141.660	
3254	Pharmaceutical and medicine manufacturing	19,022	21,246	24,332	27,578	31,315	33,131	34,275	39,761	42,631	44,726	
251-53,	That had ball and the district that and the same and the	10,022	21,210	21,002	2.,0.0	0.,0.0	55,151	01,210	30,7 0 1	,	,.20	
255–56.	Chemicals minus pharmaceutical and medicine	:										
3259	manufacturing	62.771	68.457	73.848	77,462	77,314	80.851	82,811	92,032	97,137	96,934	
334	Computer and electronic product manufacturing	85,058	93,961	97,707	100,480	102,466	105,557	108,395	120,743	135,077	141,135	
3341	Computer and peripheral equipment manufacturing	17,598	19.905	19.757	19.630	18.439	20.046	20,693	23,735	27,084	30,092	
3342	Communications equipment manufacturing	10,227	10,977	11,235	12,120	12,091	13,338	13,978	16,273	17,336	19,704	
0072	Semiconductor and other electronic component	10,227	10,077	11,200	12,120	12,001	10,000	10,070	10,210	11,000	10,701	
3344	manufacturing	21,192	25,086	27,234	27,547	29,322	31,462	33.886	40,782	49,372	51,739	
0011	Navigational, measuring, electromedical, and control	21,102	20,000	27,20	2.,0	20,022	01,702	00,000	.0,, 02	10,012	01,700	
3345	instruments manufacturing	31,112	32,772	33.910	35,418	36.456	34,272	33,128	32,372	33,188	32,803	
3343.	Other computer and electronic products	.,	02,2	55,515			,		0_,0:-	,	,	
3346	manufacturing	4.930	5,220	5,571	5,764	6,157	6.439	6,711	7,582	8.097	6,798	
336	Transportation equipment manufacturing	122,475	125,392	124,960	117,148	126,033	129,587	139,792	146,446	138,208	146,734	
	Motor vehicles, bodies and trailers, and parts	,	,_	, . • •	,	,	,		,		.,	
361-63	manufacturing	63,329	66,868	65,314	54,289	56,198	71,238	83,619	100,271	93,891	93,695	
3364	Aerospace product and parts manufacturing	48,534	47,972	48,559	51,780	58,301	48,305	44,947	36,120	34,497	40,579	
365-66,		· '	,									
3369	Other transportation equipment manufacturing	10,612	10,552	11,087	11,079	11,534	10,044	11,225	10,055	9,820	12,460	
5112	Software publishers	5,237	6,863	8,253	8,920	9,945	11,895	14,467	18,381	20,379	27,117	
52-53	Finance, insurance, real estate, rental, and leasing	826,038	887,053	949,708	1,014,766	1,075,625	1,155,272	1,220,515	1,279,923	1,362,873	1,441,624	
5415	Computer systems design and related services	21,347	23,890	26,997	30,028	32,010	35,618	39,923	45,205	50,369	59,860	
5417	Scientific R&D services	13,597	16,124	17,581	19,462	19,162	20,563	22,252	23,074	23,982	27,070	
	All other for-profit industries	2,739,096	2,949,529	3,184,727	3,352,752	3,396,301	3,585,834	3,771,219	4,037,314	4,214,634	4,470,582	
	Nonprofit industries	183,271	202,761	221,604	245,688	263,056	283,650	302,282	317,011	334,718	356,768	
	Government	658,442	705,147	752,430	806,244	858,867	900,348	931,420	965,270	994,648	1,025,906	
	Federal government	256,619	272,060	285,914	298,912	320,847	332,979	334,674	337,217	337,013	341,647	
	State and local government	401,823	433,087	466,516	507,332	538,020	567,369	596,746	628,053	657,635	684,259	
		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
	Gross domestic product	8,332,362	8,793,495	9,353,484	0.054.400							
					9,951,482	10,286,167	10,642,316	11,142,143	11,867,753	12,638,381	13,398,917	14,061,
	All for-profit industries	6 895 474					1					
325	All for-profit industries	6,895,474 150,731	7,296,282	7,776,719	8,284,494	8,531,038	8,767,744	9,148,326	9,761,783	10,424,239	11,060,647	11,603
325 3254	Chemical manufacturing	150,731	7,296,282 150,058	7,776,719 152,846	8,284,494 152,206	8,531,038 153,163	8,767,744 169,567	9,148,326 171,402	9,761,783 186,801	10,424,239 182,650	11,060,647 207,932	11,603 224
3254			7,296,282	7,776,719	8,284,494	8,531,038	8,767,744	9,148,326	9,761,783	10,424,239	11,060,647	11,603 224
3254 251–53,	Chemical manufacturing Pharmaceutical and medicine manufacturing	150,731	7,296,282 150,058	7,776,719 152,846	8,284,494 152,206	8,531,038 153,163	8,767,744 169,567	9,148,326 171,402	9,761,783 186,801	10,424,239 182,650	11,060,647 207,932	11,603 224
3254 251–53, 255–56,	Chemical manufacturing	150,731	7,296,282 150,058	7,776,719 152,846	8,284,494 152,206	8,531,038 153,163	8,767,744 169,567	9,148,326 171,402	9,761,783 186,801	10,424,239 182,650	11,060,647 207,932	11,603 224 99
3254 251–53, 255–56, 3259	Chemical manufacturing	150,731 47,857	7,296,282 150,058 55,747	7,776,719 152,846 60,244	8,284,494 152,206 61,970	8,531,038 153,163 65,833	8,767,744 169,567 74,858	9,148,326 171,402 80,284	9,761,783 186,801 87,636	10,424,239 182,650 84,580	11,060,647 207,932 95,450	11,603 224 99
3254 251–53, 255–56, 3259 334 3341	Chemical manufacturing	150,731 47,857 102,874	7,296,282 150,058 55,747 94,311	7,776,719 152,846 60,244 92,601 146,749 36,761	8,284,494 152,206 61,970 90,236 172,065 40,762	8,531,038 153,163 65,833 87,330 128,239 24,234	8,767,744 169,567 74,858 94,709	9,148,326 171,402 80,284 91,118 136,948 28,944	9,761,783 186,801 87,636	10,424,239 182,650 84,580 98,071 183,273 36,558	11,060,647 207,932 95,450 112,482 200,024 39,725	11,603 224 99 124 197 34
3254 251–53, 255–56, 3259 334	Chemical manufacturing	150,731 47,857 102,874 155,760	7,296,282 150,058 55,747 94,311 153,780	7,776,719 152,846 60,244 92,601 146,749	8,284,494 152,206 61,970 90,236 172,065	8,531,038 153,163 65,833 87,330 128,239	8,767,744 169,567 74,858 94,709 132,573	9,148,326 171,402 80,284 91,118 136,948	9,761,783 186,801 87,636 99,165 159,635	10,424,239 182,650 84,580 98,071 183,273	11,060,647 207,932 95,450 112,482 200,024	11,603, 224, 99, 124, 197, 34
3254 251–53, 255–56, 3259 334 3341 3342	Chemical manufacturing	150,731 47,857 102,874 155,760 33,449 23,626	7,296,282 150,058 55,747 94,311 153,780 43,124 24,316	7,776,719 152,846 60,244 92,601 146,749 36,761 22,394	8,284,494 152,206 61,970 90,236 172,065 40,762 27,968	8,531,038 153,163 65,833 87,330 128,239 24,234 17,633	8,767,744 169,567 74,858 94,709 132,573 26,666 16,693	9,148,326 171,402 80,284 91,118 136,948 28,944 15,384	9,761,783 186,801 87,636 99,165 159,635 31,347 17,823	10,424,239 182,650 84,580 98,071 183,273 36,558 20,467	11,060,647 207,932 95,450 112,482 200,024 39,725 22,753	11,603, 224, 99, 124, 197, 34, 27,
3254 251–53, 255–56, 3259 334 3341	Chemical manufacturing	150,731 47,857 102,874 155,760 33,449	7,296,282 150,058 55,747 94,311 153,780 43,124	7,776,719 152,846 60,244 92,601 146,749 36,761	8,284,494 152,206 61,970 90,236 172,065 40,762	8,531,038 153,163 65,833 87,330 128,239 24,234	8,767,744 169,567 74,858 94,709 132,573 26,666	9,148,326 171,402 80,284 91,118 136,948 28,944	9,761,783 186,801 87,636 99,165 159,635 31,347	10,424,239 182,650 84,580 98,071 183,273 36,558	11,060,647 207,932 95,450 112,482 200,024 39,725	11,603, 224, 99, 124, 197, 34
3254 251–53, 255–56, 3259 334 3341 3342	Chemical manufacturing. Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing. Computer and peripheral equipment manufacturing. Communications equipment manufacturing. Semiconductor and other electronic component manufacturing. Navigational, measuring, electromedical, and control	150,731 47,857 102,874 155,760 33,449 23,626 57,603	7,296,282 150,058 55,747 94,311 153,780 43,124 24,316 44,162	7,776,719 152,846 60,244 92,601 146,749 36,761 22,394 44,967	8,284,494 152,206 61,970 90,236 172,065 40,762 27,968 56,765	8,531,038 153,163 65,833 87,330 128,239 24,234 17,633 41,774	8,767,744 169,567 74,858 94,709 132,573 26,666 16,693 43,413	9,148,326 171,402 80,284 91,118 136,948 28,944 15,384 45,631	9,761,783 186,801 87,636 99,165 159,635 31,347 17,823 55,691	10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036	11,060,647 207,932 95,450 112,482 200,024 39,725 22,753 70,072	11,603 224 99 124 197 34 27
3254 251–53, 255–56, 3259 334 3341 3342 3344 3344	Chemical manufacturing. Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing. Computer and peripheral equipment manufacturing Communications equipment manufacturing. Semiconductor and other electronic component manufacturing. Navigational, measuring, electromedical, and control instruments manufacturing.	150,731 47,857 102,874 155,760 33,449 23,626	7,296,282 150,058 55,747 94,311 153,780 43,124 24,316	7,776,719 152,846 60,244 92,601 146,749 36,761 22,394	8,284,494 152,206 61,970 90,236 172,065 40,762 27,968	8,531,038 153,163 65,833 87,330 128,239 24,234 17,633	8,767,744 169,567 74,858 94,709 132,573 26,666 16,693	9,148,326 171,402 80,284 91,118 136,948 28,944 15,384	9,761,783 186,801 87,636 99,165 159,635 31,347 17,823	10,424,239 182,650 84,580 98,071 183,273 36,558 20,467	11,060,647 207,932 95,450 112,482 200,024 39,725 22,753	11,603 224 99 124 197 34 27
3254 251-53, 255-56, 3259 334 3341 3342 3344 3345 3343,	Chemical manufacturing. Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing. Computer and peripheral equipment manufacturing Communications equipment manufacturing Semiconductor and other electronic component manufacturing. Navigational, measuring, electromedical, and control instruments manufacturing. Other computer and electronic products	150,731 47,857 102,874 155,760 33,449 23,626 57,603 34,508	7,296,282 150,058 55,747 94,311 153,780 43,124 24,316 44,162 33,347	7,776,719 152,846 60,244 92,601 146,749 36,761 22,394 44,967 36,370	8,284,494 152,206 61,970 90,236 172,065 40,762 27,968 56,765 40,233	8,531,038 153,163 65,833 87,330 128,239 24,234 17,633 41,774 40,390	8,767,744 169,567 74,858 94,709 132,573 26,666 16,693 43,413 40,795	9,148,326 171,402 80,284 91,118 136,948 28,944 15,384 45,631 41,452	9,761,783 186,801 87,636 99,165 159,635 31,347 17,823 55,691 48,016	10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828	11,060,647 207,932 95,450 112,482 200,024 39,725 22,753 70,072 59,540	11,603 224 99 124 197 34 27 63
3254 251–53, 255–56, 3259 334 3341 3342 3344 3345 3343, 3346	Chemical manufacturing. Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing Computer and electronic product manufacturing. Computer and peripheral equipment manufacturing Communications equipment manufacturing Semiconductor and other electronic component manufacturing Navigational, measuring, electromedical, and control instruments manufacturing Other computer and electronic products manufacturing	150,731 47,857 102,874 155,760 33,449 23,626 57,603 34,508 6,574	7,296,282 150,058 55,747 94,311 153,780 43,124 24,316 44,162 33,347 8,830	7,776,719 152,846 60,244 92,601 146,749 36,761 22,394 44,967 36,370 6,257	8,284,494 152,206 61,970 90,236 172,065 40,762 27,968 56,765 40,233 6,336	8,531,038 153,163 65,833 87,330 128,239 24,234 17,633 41,774 40,390 4,207	8,767,744 169,567 74,858 94,709 132,573 26,666 16,693 43,413 40,795 5,005	9,148,326 171,402 80,284 91,118 136,948 28,944 15,384 45,631 41,452 5,536	9,761,783 186,801 87,636 99,165 159,635 31,347 17,823 55,691 48,016 6,758	10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828 7,384	11,060,647 207,932 95,450 112,482 200,024 39,725 22,753 70,072 59,540 7,934	11,603 224 99 124 197 34 27 63 64
3254 251-53, 255-56, 3259 334 3341 3342 3344 3345 3343,	Chemical manufacturing. Pharmaceutical and medicine manufacturing	150,731 47,857 102,874 155,760 33,449 23,626 57,603 34,508	7,296,282 150,058 55,747 94,311 153,780 43,124 24,316 44,162 33,347	7,776,719 152,846 60,244 92,601 146,749 36,761 22,394 44,967 36,370	8,284,494 152,206 61,970 90,236 172,065 40,762 27,968 56,765 40,233	8,531,038 153,163 65,833 87,330 128,239 24,234 17,633 41,774 40,390	8,767,744 169,567 74,858 94,709 132,573 26,666 16,693 43,413 40,795	9,148,326 171,402 80,284 91,118 136,948 28,944 15,384 45,631 41,452	9,761,783 186,801 87,636 99,165 159,635 31,347 17,823 55,691 48,016	10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828	11,060,647 207,932 95,450 112,482 200,024 39,725 22,753 70,072 59,540	11,603 224 99 124 197 34 27 63
3254 251-53, 255-56, 3259 3341 3342 3344 3345, 3343, 3346 336	Chemical manufacturing. Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing. Computer and peripheral equipment manufacturing Semiconductor and other electronic component manufacturing. Navigational, measuring, electromedical, and control instruments manufacturing Other computer and electronic products manufacturing. Transportation equipment manufacturing. Motor vehicles, bodies and trailers, and parts	150,731 47,857 102,874 155,760 33,449 23,626 57,603 34,508 6,574 150,374	7,296,282 150,058 55,747 94,311 153,780 43,124 24,316 44,162 33,347 8,830 166,473	7,776,719 152,846 60,244 92,601 146,749 36,761 22,394 44,967 36,370 6,257 179,630	8,284,494 152,206 61,970 90,236 172,065 40,762 27,968 56,765 40,233 6,336 183,197	8,531,038 153,163 65,833 87,330 128,239 24,234 17,633 41,774 40,390 4,207 177,259	8,767,744 169,567 74,858 94,709 132,573 26,666 16,693 43,413 40,795 5,005 188,659	9,148,326 171,402 80,284 91,118 136,948 28,944 15,384 45,631 41,452 5,536 190,642	9,761,783 186,801 87,636 99,165 159,635 31,347 17,823 55,691 48,016 6,758 184,770	10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828 7,384 188,652	11,060,647 207,932 95,450 112,482 200,024 39,725 22,753 70,072 59,540 7,934 189,053	11,603 224 99 124 197 34 27 63 64 7
3254 251-53, 255-56, 3259 3341 3342 3344 3345, 3345, 3346 336 3361-63	Chemical manufacturing. Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing. Computer and peripheral equipment manufacturing. Semiconductor and other electronic component manufacturing. Navigational, measuring, electromedical, and control instruments manufacturing. Other computer and electronic products manufacturing. Transportation equipment manufacturing. Motor vehicles, bodies and trailers, and parts manufacturing.	102,874 155,760 33,449 23,626 57,603 34,508 6,574 150,374 96,118	7,296,282 150,058 55,747 94,311 153,780 43,124 24,316 44,162 33,347 8,830 166,473 107,913	7,776,719 152,846 60,244 92,601 146,749 36,761 22,394 44,967 36,370 6,257 179,630	8,284,494 152,206 61,970 90,236 172,065 40,762 27,968 56,765 40,233 6,336 183,197	8,531,038 153,163 65,833 87,330 128,239 24,234 17,633 41,774 40,390 4,207 177,259	8,767,744 169,567 74,858 94,709 132,573 26,666 16,693 43,413 40,795 5,005 188,659	9,148,326 171,402 80,284 91,118 136,948 28,944 15,384 45,631 41,452 5,536 190,642	9,761,783 186,801 87,636 99,165 159,635 31,347 17,823 55,691 48,016 6,758 184,770 117,583	10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828 7,384 188,652	11,060,647 207,932 95,450 112,482 200,024 39,725 22,753 70,072 59,540 7,934 189,053	11,603 224 99 124 197 34 27 63 64 7 198
3254 251-53, 255-56, 3259 3341 3342 3344 3345 3343, 3346 336	Chemical manufacturing. Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing. Computer and peripheral equipment manufacturing Semiconductor and other electronic component manufacturing. Navigational, measuring, electromedical, and control instruments manufacturing Other computer and electronic products manufacturing. Transportation equipment manufacturing. Motor vehicles, bodies and trailers, and parts	150,731 47,857 102,874 155,760 33,449 23,626 57,603 34,508 6,574 150,374	7,296,282 150,058 55,747 94,311 153,780 43,124 24,316 44,162 33,347 8,830 166,473	7,776,719 152,846 60,244 92,601 146,749 36,761 22,394 44,967 36,370 6,257 179,630	8,284,494 152,206 61,970 90,236 172,065 40,762 27,968 56,765 40,233 6,336 183,197	8,531,038 153,163 65,833 87,330 128,239 24,234 17,633 41,774 40,390 4,207 177,259	8,767,744 169,567 74,858 94,709 132,573 26,666 16,693 43,413 40,795 5,005 188,659	9,148,326 171,402 80,284 91,118 136,948 28,944 15,384 45,631 41,452 5,536 190,642	9,761,783 186,801 87,636 99,165 159,635 31,347 17,823 55,691 48,016 6,758 184,770	10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828 7,384 188,652	11,060,647 207,932 95,450 112,482 200,024 39,725 22,753 70,072 59,540 7,934 189,053	11,603 224 99 124 197 34 27 63 64 7
3254 251-53, 255-56, 3259 334 3341 3342 3344 3345 3343, 3346 336 361-63 3364 365-66,	Chemical manufacturing. Pharmaceutical and medicine manufacturing	150,731 47,857 102,874 155,760 33,449 23,626 57,603 34,508 6,574 150,374 96,118 42,465	7,296,282 150,058 55,747 94,311 153,780 43,124 24,316 44,162 33,347 8,830 166,473 107,913 46,383	7,776,719 152,846 60,244 92,601 146,749 36,761 22,394 44,967 36,370 6,257 179,630 113,595 51,248	8,284,494 152,206 61,970 90,236 172,065 40,762 27,968 56,765 40,233 6,336 183,197 117,438 49,484	8,531,038 153,163 65,833 87,330 128,239 24,234 17,633 41,774 40,390 4,207 177,259 107,684 53,419	8,767,744 169,567 74,858 94,709 132,573 26,666 16,693 43,413 40,795 5,005 188,659 121,309 51,770	9,148,326 171,402 80,284 91,118 136,948 28,944 45,631 41,452 5,536 190,642 125,550 49,387	9,761,783 186,801 87,636 99,165 159,635 31,347 17,823 55,691 48,016 6,758 184,770 117,583 50,777	10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828 7,384 188,652 112,622 58,101	11,060,647 207,932 95,450 112,482 200,024 39,725 22,753 70,072 59,540 7,934 189,053 107,561 62,347	11,603 224 99 124 197 34 27 63 64 7 198
3254 251-53, 255-56, 3259 3344 3341 3342 3344 3345, 3346 3361-63 3364 365-66, 3369	Chemical manufacturing. Pharmaceutical and medicine manufacturing	150,731 47,857 102,874 155,760 33,449 23,626 57,603 34,508 6,574 150,374 96,118 42,465 11,790	7,296,282 150,058 55,747 94,311 153,780 43,124 24,316 44,162 33,347 8,830 166,473 107,913 46,383 12,177	7,776,719 152,846 60,244 92,601 146,749 36,761 22,394 44,967 36,370 6,257 179,630 113,595 51,248 14,786	8,284,494 152,206 61,970 90,236 172,065 40,762 27,968 56,765 40,233 6,336 183,197 117,438 49,484 16,275	8,531,038 153,163 65,833 87,330 128,239 24,234 17,633 41,774 40,390 4,207 177,259 107,684 53,419 16,156	8,767,744 169,567 74,858 94,709 132,573 26,666 16,693 43,413 40,795 5,005 188,659 121,309 51,770	9,148,326 171,402 80,284 91,118 136,948 28,944 15,384 45,631 41,452 5,536 190,642 125,550 49,387	9,761,783 186,801 87,636 99,165 159,635 31,347 17,823 55,691 48,016 6,758 184,770 117,583 50,777	10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828 7,384 188,652 112,622 58,101	11,060,647 207,932 95,450 112,482 200,024 39,725 22,753 70,072 59,540 7,934 189,053 107,561 62,347	11,603 224 99 124 197 34 27 63 64 71 198
3254 251–53, 255–56, 3259 3344 3341 3342 3344 3345, 3345, 3346 361–63 3364 365–66, 3369 5112	Chemical manufacturing. Pharmaceutical and medicine manufacturing	150,731 47,857 102,874 155,760 33,449 23,626 57,603 34,508 6,574 150,374 96,118 42,465 11,790 31,318	7,296,282 150,058 55,747 94,311 153,780 43,124 24,316 44,162 33,347 8,830 166,473 107,913 46,383 12,177 39,656	7,776,719 152,846 60,244 92,601 146,749 36,761 22,394 44,967 36,370 6,257 179,630 113,595 51,248 14,786 56,931	8,284,494 152,206 61,970 90,236 172,065 40,762 27,968 56,765 40,233 6,336 183,197 117,438 49,484 16,275 45,017	8,531,038 153,163 65,833 87,330 128,239 24,234 17,633 41,774 40,390 4,207 177,259 107,684 53,419 16,156 45,330	8,767,744 169,567 74,858 94,709 132,573 26,666 16,693 43,413 40,795 5,005 188,659 121,309 51,770 15,770	9,148,326 171,402 80,284 91,118 136,948 28,944 15,384 45,631 41,452 5,536 190,642 125,550 49,387 15,704 57,008	9,761,783 186,801 87,636 99,165 159,635 31,347 17,823 55,691 48,016 6,758 184,770 117,583 50,777 16,410 62,445	10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828 7,384 188,652 112,622 58,101 17,929 67,719	11,060,647 207,932 95,450 112,482 200,024 39,725 22,733 70,072 59,540 7,934 189,053 107,561 62,347 19,145 60,319	11,603 224 99 124 197 34 27 63 64 71 198 104 71
3254 251-53, 255-56, 3255-334 3341 3342 3344 3345 3343, 3346 3361-63 3364 361-63 3364 351-63 3164 351-63	Chemical manufacturing. Pharmaceutical and medicine manufacturing	150,731 47,857 102,874 155,760 33,449 23,626 57,603 34,508 6,574 150,374 96,118 42,465 11,790 31,318 1,558,379	7,296,282 150,058 55,747 94,311 153,780 43,124 24,316 44,162 33,347 8,830 166,473 107,913 46,383 12,177 39,656 1,641,959	7,776,719 152,846 60,244 92,601 146,749 36,761 22,394 44,967 36,370 6,257 179,630 113,595 51,248 14,786 56,931 1,775,951	8,284,494 152,206 61,970 90,236 172,065 40,762 27,968 56,765 40,233 6,336 183,197 117,438 49,484 16,275 45,017 1,935,991	8,531,038 153,163 65,833 87,330 128,239 24,234 17,633 41,774 40,390 4,207 177,259 107,684 53,419 16,156 45,330 2,089,998	8,767,744 169,567 74,858 94,709 132,573 26,666 16,693 43,413 40,795 5,005 121,309 51,770 15,579 55,251 2,154,895	9,148,326 171,402 80,284 91,118 136,948 28,944 45,631 41,452 5,536 190,642 125,550 49,387 15,704 2,243,799	9,761,783 186,801 87,636 99,165 159,635 31,347 17,823 55,691 48,016 6,758 184,770 117,583 50,777 16,410 62,445 2,331,428	10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828 7,384 188,652 112,622 58,101 17,929 67,719 2,521,596	11,060,647 207,932 95,450 112,482 200,024 39,725 22,753 70,072 59,540 7,934 189,053 107,561 62,347 19,145 60,319 2,685,711	11,603 224 99 122 197 34 27 63 64 71 198 104 71 22 26 62,808
3254 251-53, 255-56, 3259 334 3341 3342 3344 3345, 3346 3361-63 3364 365-66, 3369 5112 52-53 5415	Chemical manufacturing. Pharmaceutical and medicine manufacturing	150,731 47,857 102,874 155,760 33,449 23,626 57,603 34,508 6,574 150,374 96,118 42,465 11,790 31,318 1,558,379 75,514	7,296,282 150,058 55,747 94,311 153,780 43,124 24,316 44,162 33,347 8,830 166,473 107,913 46,383 12,177 39,656 1,641,989 89,031	7,776,719 152,846 60,244 92,601 146,749 36,761 22,394 44,967 36,370 6,257 179,630 113,595 51,248 14,786 56,931 1,775,951 101,337	8,284,494 152,206 61,970 90,236 172,065 40,762 27,968 56,765 40,233 6,336 183,197 117,438 49,484 16,275 45,017 1,935,991	8,531,038 153,163 65,833 87,330 128,239 24,234 17,633 41,774 40,390 4,207 177,259 107,684 53,419 16,156 45,330 2,089,998 116,245	8,767,744 169,567 74,858 94,709 132,573 26,666 16,693 43,413 40,795 5,005 188,659 121,309 51,770 15,579 55,251 2,154,895	9,148,326 171,402 80,284 91,118 136,948 28,944 15,384 45,631 41,452 5,536 190,642 125,550 49,387 15,704 57,008 2,243,799	9,761,783 186,801 87,636 99,165 159,635 31,347 17,823 55,691 48,016 6,758 184,770 117,583 50,777 16,410 62,445 2,331,428	10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828 7,384 188,652 112,622 58,101 17,929 67,719 2,521,596 129,320	11,060,647 207,932 95,450 112,482 200,024 39,725 22,753 70,072 59,540 7,934 189,053 107,561 62,347 19,145 60,319 2,685,771	11,603 224 999 124 1977 34 27 63 64 71 198 104 71 223 2,808
3254 251–53, 255–56, 3259 3341 3342 3344 3345 3343, 3346 3361–63 3364 365–66, 3369 5112 52–53	Chemical manufacturing. Pharmaceutical and medicine manufacturing	150,731 47,857 102,874 155,760 33,449 23,626 57,603 34,508 6,574 150,374 96,118 42,465 11,790 31,318 1,558,379 75,514 31,052	7,296,282 150,058 55,747 94,311 153,780 43,124 24,316 44,162 33,347 8,830 166,473 107,913 46,383 12,177 39,656 1,641,989 89,031 34,478	7,776,719 152,846 60,244 92,601 146,749 36,761 22,394 44,967 36,370 6,257 179,630 113,595 51,248 14,765 6,931 1,775,951 101,337	8,284,494 152,206 61,970 90,236 172,065 40,762 27,968 56,765 40,233 6,336 183,197 117,438 49,484 16,275 45,017 1,935,991 113,691 43,374	8,531,038 153,163 65,833 87,330 128,239 24,234 17,633 41,774 40,390 4,207 177,259 107,684 53,419 16,156 45,330 2,089,998 116,245 47,078	8,767,744 169,567 74,858 94,709 132,573 26,666 16,693 43,413 40,795 5,005 188,659 121,309 51,770 15,579 15,221 2,154,895 50,706	9,148,326 171,402 80,284 91,118 136,948 28,944 15,384 45,631 41,452 5,536 190,642 125,550 49,387 15,704 2,243,799 109,653 53,837	9,761,783 186,801 87,636 99,165 159,635 31,347 17,823 55,691 48,016 6,758 184,770 117,583 50,777 16,410 62,445 2,331,428 117,740 57,628	10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828 7,384 188,652 112,622 58,101 17,929 67,719 2,521,596 129,320 63,018	11,060,647 207,932 95,450 112,482 200,024 39,725 22,753 70,072 59,540 7,934 189,053 107,561 62,347 19,145 60,319 2,685,771 144,278 68,249	11,603 224 999 124 197 34 27 63 64 7 198 104 71 222 63 2,808
3254 251-53, 255-56, 3259 334 3341 3342 3344 3345, 3346 3361-63 3364 365-66, 3369 5112 52-53 5415	Chemical manufacturing. Pharmaceutical and medicine manufacturing	150,731 47,857 102,874 155,760 33,449 23,626 57,603 34,508 6,574 150,374 96,118 42,465 11,790 31,318 1,558,379 75,514 31,052 4,742,346	7,296,282 150,058 55,747 94,311 153,780 43,124 24,316 44,162 33,347 8,830 166,473 107,913 46,383 12,177 39,656 1,641,989 89,031 34,478 5,920,816	7,776,719 152,846 60,244 92,601 146,749 36,761 22,394 44,967 36,370 6,257 179,630 113,595 51,248 14,786 6,931 1,775,951 101,337 37,742 5,325,533	8,284,494 152,206 61,970 90,236 172,065 40,762 27,968 56,765 40,233 6,336 183,197 117,438 49,484 16,275 45,017 1,335,991 113,691 143,374 5,638,953	8,531,038 153,163 65,833 87,330 128,239 24,234 17,633 41,774 40,390 4,207 177,259 107,684 53,419 16,156 42,030 2,089,998 116,245 47,078 5,773,727	8,767,744 169,567 74,858 94,709 132,573 26,666 16,693 43,413 40,795 5,005 188,659 121,309 51,770 15,579 55,251 12,154,895 109,835 50,706 5,906,259 5,906,259	9,148,326 171,402 80,284 91,118 136,948 28,944 15,384 45,631 41,452 5,536 190,642 125,550 49,387 15,704 57,008 2,243,799 109,653 53,837 6,185,037	9,761,783 186,801 87,636 99,165 159,635 31,347 17,823 55,691 48,016 6,758 184,770 117,583 50,777 16,410 62,445 2,331,428 117,740 57,628 6,661,334	10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828 7,384 188,652 112,622 58,101 17,929 67,719 2,521,596 129,320 63,018 7,088,012	11,060,647 207,932 95,450 112,482 200,024 39,725 22,753 70,072 59,540 7,934 189,053 107,561 62,347 19,145 60,319 2,685,771 144,278 68,249 7,505,022	11,603 224 999 124 197 34 27 63 64 7 198 104 71 226 63 2,808 166 71 7,875
3254 251-53, 2255-56, 3259-334 3341 3342 3344 3345, 3346 3361-63 3364 365-66, 3369 5112 52-53 5415	Chemical manufacturing. Pharmaceutical and medicine manufacturing	150,731 47,857 102,874 155,760 33,449 23,626 57,603 34,508 6,574 150,374 42,465 11,790 31,318 1,558,379 75,514 31,052 4,742,346	7,296,282 150,058 55,747 94,311 153,780 43,124 24,316 44,162 33,347 8,830 166,473 107,913 46,383 12,177 39,656 1,641,989 89,031 34,478 5,020,816 398,140	7,776,719 152,846 60,244 92,601 146,749 36,761 22,394 44,967 36,370 6,257 179,630 113,595 51,248 14,786 56,931 1,775,951 101,337 37,742 5,325,533 422,846	8,284,494 152,206 61,970 90,236 172,065 40,762 27,968 56,765 40,233 6,336 183,197 117,438 49,484 16,227 45,017 1,935,991 113,691 113,691 15,638,953 451,595	8,531,038 153,163 65,833 87,330 128,239 24,234 17,633 41,774 40,390 4,207 177,259 107,684 53,419 16,156 45,330 2,089,998 116,245 47,078 5,773,727 479,734	8,767,744 169,567 74,858 94,709 132,573 26,666 16,693 43,413 40,795 5,005 188,659 121,309 51,770 15,579 55,251 109,835 50,706 5,906,259 521,602	9,148,326 171,402 80,284 91,118 136,948 28,944 15,384 45,631 41,452 5,536 190,642 125,550 49,387 15,704 57,008 2,243,799 109,653 53,837 6,185,037 558,495	9,761,783 186,801 87,636 99,165 159,635 31,347 17,823 55,691 48,016 6,758 184,770 117,583 50,777 16,410 62,445 2,331,428 117,740 57,628 6,661,334	10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828 7,384 18,652 112,622 58,101 1,7929 67,719 2,521,556 129,320 63,018 7,088,012 628,238	11,060,647 207,932 95,450 1112,482 200,024 39,725 22,733 70,072 59,540 7,934 189,053 107,561 62,347 19,145 60,319 2,685,771 144,278 68,249 7,505,022 670,459	11,603 224 99 124 197 34 27 63 64 7 198 104 71 22 2,808 160 71 7,87 71
3254 251-53, 2255-56, 3255-36, 3341 3342 3344 3345, 3343, 3346 3361-63 3364-63, 3369-66, 3369-5112 52-53 52-53	Chemical manufacturing. Pharmaceutical and medicine manufacturing	150,731 47,857 102,874 155,760 33,449 23,626 57,603 34,508 6,574 150,374 96,118 42,465 11,790 31,318 1,558,379 75,514 31,052 4,742,346	7,296,282 150,058 55,747 94,311 153,780 43,124 24,316 44,162 33,347 8,830 166,473 107,913 46,383 12,177 39,656 1,641,989 89,031 34,478 5,920,816	7,776,719 152,846 60,244 92,601 146,749 36,761 22,394 44,967 36,370 6,257 179,630 113,595 51,248 14,786 6,931 1,775,951 101,337 37,742 5,325,533	8,284,494 152,206 61,970 90,236 172,065 40,762 27,968 56,765 40,233 6,336 183,197 117,438 49,484 16,275 45,017 1,335,991 113,691 143,374 5,638,953	8,531,038 153,163 65,833 87,330 128,239 24,234 17,633 41,774 40,390 4,207 177,259 107,684 53,419 16,156 42,030 2,089,998 116,245 47,078 5,773,727	8,767,744 169,567 74,858 94,709 132,573 26,666 16,693 43,413 40,795 5,005 188,659 121,309 51,770 15,579 55,251 12,154,895 109,835 50,706 5,906,259 5,906,259	9,148,326 171,402 80,284 91,118 136,948 28,944 15,384 45,631 41,452 5,536 190,642 125,550 49,387 15,704 57,008 2,243,799 109,653 53,837 6,185,037	9,761,783 186,801 87,636 99,165 159,635 31,347 17,823 55,691 48,016 6,758 184,770 117,583 50,777 16,410 62,445 2,331,428 117,740 57,628 6,661,334	10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828 7,384 188,652 112,622 58,101 17,929 67,719 2,521,596 129,320 63,018 7,088,012	11,060,647 207,932 95,450 112,482 200,024 39,725 22,753 70,072 59,540 7,934 189,053 107,561 62,347 19,145 60,319 2,685,771 144,278 68,249 7,505,022	11,603 224 99 1244 197 34 27 63 64 7 198 104 71 22 63 2,808 166 77 77

Norss, GDP for 2007 is consistent with the release of national data on July 30, 2010. Industry estimates for 2007 are consistent with the release of revised industry data on May 25, 2010. NAICS North American Industry Classification System R&D Research and development

Table 7.4B. Value Added by Industry Unadjusted for R&D as Investment, 1987-2007

(Millions of chained (2005) dollars)

ICS de	Industry	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	
	Gross domestic product	7,313,277	7,613,888	7,885,927	8,033,908	8,015,143	8,287,072	8,523,449	8,870,673	9,093,723	9,433,894	-
	All for-profit industries	5 722 526	6.004.337	6,226,181	6,332,005	6,323,493	6,569,861	6,752,090	7,070,743		7.567.382	
325			140,130									
	Chemical manufacturing			141,920	152,511	149,689	154,087	154,440	167,446	162,343	166,081	
3254	Pharmaceutical and medicine manufacturing	60,302	61,333	62,169	62,613	63,300	60,581	59,327	66,571	69,981	70,793	
l - 53,										1		
-56.	Chemicals minus pharmaceutical and medicine	!								i		
3259	manufacturing	82,459	77,870	78,843	86,641	84,087	89,165	90,227	96.414	90,227	92.778	
334	Computer and electronic product manufacturing	5,222	6.171	6,660	7,223	7,598	8.390	9.507	11.692	16.529	21,449	
3341	Computer and peripheral equipment manufacturing	38	53	61	7,220	7,536	126	192	275	440	816	
3342	Communications equipment manufacturing	6,260	7,518	7,741	8,095	7,437	7,730	7,793	9,175	10,063	10,136	
	Semiconductor and other electronic component											
344	manufacturing	119	146	174	209	247	311	383	557	1,124	1,918	
	Navigational, measuring, electromedical, and control											
345	instruments manufacturing	67,521	70,234	68,574	65,862	62,877	55,503	51,644	49,205	47,206	40,630	
343.	Other computer and electronic products	01,021	70,201	00,07	00,002	02,017	35,500	01,044	40,200	47,200	40,000	
346	manufacturing	5.476	6.251	6,756	0.504	6,921	6.840	7044	8.388	8.746	5 000	
	manufacturing				6,524			7,344			5,268	
336	Transportation equipment manufacturing	156,987	167,726	162,735	147,731	148,472	142,658	147,551	150,180	143,642	145,251	
	Motor vehicles, bodies and trailers, and parts											
-63	manufacturing	65,473	72,903	69,869	57,700	55,048	64,576	71,916	83,457	80,687	76,656	
364	Aerospace product and parts manufacturing	92,630	94,584	92,582	93,138	99,128	77,339	69,820	54,624	51,252	57,612	
-66.	, , , , , , , , , , , , , , , , , , , ,						· · · · · ·]	.,	1] .,	
369	Other transportation equipment manufacturing	18,000	18,343	18.447	17.493	17,154	14,194	15.583	13.916	12.832	15,377	
112	Software publishers	571	971	1,676	2,357	2,897	5,183	6,827	10,215	12,593	18,426	
-53	Finance, insurance, real estate, rental, and leasing	1,424,035	1,474,925	1,512,220		1,572,131	1.622.006				1 701 670	
-33					1,547,760				1,707,611	1,751,976	1,791,672	
415	Computer systems design and related services	27,732	29,778	33,216	35,735	36,677	40,113	43,755	48,434	51,227	58,339	
417	Scientific R&D services	27,367	30,558	32,268	34,251	32,051	33,244	35,088	35,641	35,343	38,461	
	All other for-profit industries	4,244,568	4,444,738	4,625,689	4,690,394	4,651,593	4,839,553	4,952,585	5,189,512	5,284,987	5,502,196	
	Nonprofit industries	390,667	409,449	424.400	431,136	427,628	443,434	455,330	476,290	485,551	505,639	
	Government	1,302,360	1,335,997	1.368.588	1.402.082	1,409,678	1,417,941	1,417,941	1,422,175	1,421,208	1,427,567	
	Federal government	516,116	522,524	529,735	539,555	540,097	537,121	525,700	515,057	493,293	483,102	
	State and local government	790,023	817,223	842,569	866,214	873,184	884,231	895,202	909,491		945,569	
	Otate und local government.	750,020	017,220	042,000	000,214	070,104	004,201	000,202	303,431	323,010	340,503	
		_ 1										
		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
	Gross domestic product				2000 11,225,977		2002 11,552,973				2006 12,976,249	
	·	9,854,333	10,283,516	10,779,849	11,225,977	11,347,156	11,552,973	11,840,700	12,263,814	12,638,375	12,976,249	13,
205	All for-profit industries	9,854,333 7,956,694	10,283,516 8.353,888	10,779,849 8,809,300	11, 225,977 9,229,659	11,347,156 9,348,809	11,552,973 9,493,461	11,840,700 9,711,491	12,263,814 10,090,037	12,638,375 10,424,239	12,976,249 10,739,900	13,2 10,9
	All for-profit industries	9, 854,333 7,956,694 172,711	10,283,516 8,353,888 161,502	10,779,849 8,809,300 169,477	11,225,977 9,229,659 169,936	11,347,156 9,348,809 164,571	11,552,973 9,493,461 178,711	11,840,700 9,711,491 177,301	12,263,814 10,090,037 193,132	12,638,375 10,424,239 182,650	12,976,249 10,739,900 201,561	13,2
254	All for-profit industries	9,854,333 7,956,694	10,283,516 8.353,888	10,779,849 8,809,300	11, 225,977 9,229,659	11,347,156 9,348,809	11,552,973 9,493,461	11,840,700 9,711,491	12,263,814 10,090,037	12,638,375 10,424,239	12,976,249 10,739,900	13,1 10,9
254 -53,	All for-profit industries	9, 854,333 7,956,694 172,711	10,283,516 8,353,888 161,502	10,779,849 8,809,300 169,477	11,225,977 9,229,659 169,936	11,347,156 9,348,809 164,571	11,552,973 9,493,461 178,711	11,840,700 9,711,491 177,301	12,263,814 10,090,037 193,132	12,638,375 10,424,239 182,650	12,976,249 10,739,900 201,561	13,1 10,9
254 -53,	All for-profit industries	9,854,333 7,956,694 172,711 73,650	10,283,516 8,353,888 161,502 72,428	10,779,849 8,809,300 169,477 77,519	11,225,977 9,229,659 169,936 78,410	11,347,156 9,348,809 164,571	11,552,973 9,493,461 178,711	11,840,700 9,711,491 177,301	12,263,814 10,090,037 193,132	12,638,375 10,424,239 182,650	12,976,249 10,739,900 201,561	13,1 10,9
254 -53, -56,	All for-profit industries	9, 854,333 7,956,694 172,711	10,283,516 8,353,888 161,502 72,428	10,779,849 8,809,300 169,477	11,225,977 9,229,659 169,936	11,347,156 9,348,809 164,571	11,552,973 9,493,461 178,711	11,840,700 9,711,491 177,301	12,263,814 10,090,037 193,132	12,638,375 10,424,239 182,650	12,976,249 10,739,900 201,561	13,
254 -53, -56, 259	All for-profit industries	9,854,333 7,956,694 172,711 73,650 96,464	10,283,516 8,353,888 161,502 72,428 87,853	10,779,849 8,809,300 169,477 77,519 91,073	11,225,977 9,229,659 169,936 78,410 90,790	11,347,156 9,348,809 164,571 80,667 84,170	11,552,973 9,493,461 178,711 85,522 93,107	11,840,700 9,711,491 177,301 86,538 90,864	12,263,814 10,090,037 193,132 90,372 102,754	12,638,375 10,424,239 182,650 84,580 98,071	12,976,249 10,739,900 201,561 89,981 111,670	13,
254 -53, -56, 259 334	All for-profit industries	9,854,333 7,956,694 172,711 73,650 96,464 28,221	10,283,516 8,353,888 161,502 72,428 87,853 38,668	10,779,849 8,809,300 169,477 77,519 91,073 51,137	9,229,659 169,936 78,410 90,790 81,501	11,347,156 9,348,809 164,571 80,667 84,170 81,169	9,493,461 178,711 85,522 93,107 94,227	11,840,700 9,711,491 177,301 86,538 90,864 111,249	12,263,814 10,090,037 193,132 90,372 102,754 144,814	12,638,375 10,424,239 182,650 84,580 98,071 183,273	12,976,249 10,739,900 201,561 89,981 111,670 223,815	13,
254 -53, -56, 259 334 341	All for-profit industries	9,854,333 7,956,694 172,711 73,650 96,464 28,221 1,513	10,283,516 8,353,888 161,502 72,428 87,853 38,668 3,338	10,779,849 8,809,300 169,477 77,519 91,073 51,137 4,922	90,790 81,501 73,97	11,347,156 9,348,809 164,571 80,667 84,170 81,169 7,128	11,552,973 9,493,461 178,711 85,522 93,107 94,227 12,598	11,840,700 9,711,491 177,301 86,538 90,864 111,249 18,683	12,263,814 10,090,037 193,132 90,372 102,754 144,814 23,985	12,638,375 10,424,239 182,650 84,580 98,071 183,273 36,558	12,976,249 10,739,900 201,561 89,981 111,670 223,815 53,778	13,
254 -53, -56, 259 334 341	All for-profit industries Chemical manufacturing Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing Computer and electronic product manufacturing. Computer and peripheral equipment manufacturing communications equipment manufacturing	9,854,333 7,956,694 172,711 73,650 96,464 28,221	10,283,516 8,353,888 161,502 72,428 87,853 38,668	10,779,849 8,809,300 169,477 77,519 91,073 51,137	9,229,659 169,936 78,410 90,790 81,501	11,347,156 9,348,809 164,571 80,667 84,170 81,169	9,493,461 178,711 85,522 93,107 94,227	11,840,700 9,711,491 177,301 86,538 90,864 111,249	12,263,814 10,090,037 193,132 90,372 102,754 144,814	12,638,375 10,424,239 182,650 84,580 98,071 183,273	12,976,249 10,739,900 201,561 89,981 111,670 223,815	13,
254 -53, -56, 259 334 341 342	All for-profit industries	9,854,333 7,956,694 172,711 73,650 96,464 28,221 1,513 10,913	10,283,516 8,353,888 161,502 72,428 87,853 38,668 3,338 11,444	91,073 51,137 4,922 11,443	90,790 81,501 9,225,977 9,229,659 169,936 78,410 90,790 81,501 7,397 15,760	11,347,156 9,348,809 164,571 80,667 84,170 81,169 7,128 10,100	9,493,461 178,711 85,522 93,107 94,227 12,598 11,183	9,711,491 177,301 86,538 90,864 111,249 18,683 12,207	12,263,814 10,090,037 193,132 90,372 102,754 144,814 23,985 16,593	12,638,375 10,424,239 182,650 84,580 98,071 183,273 36,558 20,467	12,976,249 10,739,900 201,561 89,981 111,670 223,815 53,778 24,636	13,
254 -53, -56, 259 334 341 342	All for-profit industries	9,854,333 7,956,694 172,711 73,650 96,464 28,221 1,513	10,283,516 8,353,888 161,502 72,428 87,853 38,668 3,338	10,779,849 8,809,300 169,477 77,519 91,073 51,137 4,922	90,790 81,501 73,97	11,347,156 9,348,809 164,571 80,667 84,170 81,169 7,128	11,552,973 9,493,461 178,711 85,522 93,107 94,227 12,598	11,840,700 9,711,491 177,301 86,538 90,864 111,249 18,683	12,263,814 10,090,037 193,132 90,372 102,754 144,814 23,985	12,638,375 10,424,239 182,650 84,580 98,071 183,273 36,558	12,976,249 10,739,900 201,561 89,981 111,670 223,815 53,778	13,
254 -53, -56, 259 334 341 342	All for-profit industries	9,854,333 7,956,694 172,711 73,650 96,464 28,221 1,513 10,913 2,971	10,283,516 8,353,888 161,502 72,428 87,853 38,668 3,338 11,444 4,272	10,779,849 8,809,300 169,477 77,519 91,073 51,137 4,922 11,443 7,724	90,790 81,501 9,229,659 169,936 78,410 90,790 81,501 7,397 15,760 20,158	11,347,156 9,348,809 164,571 80,667 84,170 81,169 7,128 10,100 26,800	9,493,461 178,711 85,522 93,107 94,227 12,598 11,183 29,239	9,711,491 177,301 86,538 90,864 111,249 18,683 12,207 35,921	12,263,814 10,090,037 193,132 90,372 102,754 144,814 23,985 16,593 51,041	12,638,375 10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036	12,976,249 10,739,900 201,561 89,981 111,670 223,815 53,778 24,636 78,373	13,
254 -53, -56, 259 334 341 342 344	All for-profit industries	9,854,333 7,956,694 172,711 73,650 96,464 28,221 1,513 10,913	10,283,516 8,353,888 161,502 72,428 87,853 38,668 3,338 11,444	91,073 51,137 4,922 11,443	90,790 81,501 9,225,977 9,229,659 169,936 78,410 90,790 81,501 7,397 15,760	11,347,156 9,348,809 164,571 80,667 84,170 81,169 7,128 10,100	9,493,461 178,711 85,522 93,107 94,227 12,598 11,183	9,711,491 177,301 86,538 90,864 111,249 18,683 12,207	12,263,814 10,090,037 193,132 90,372 102,754 144,814 23,985 16,593	12,638,375 10,424,239 182,650 84,580 98,071 183,273 36,558 20,467	12,976,249 10,739,900 201,561 89,981 111,670 223,815 53,778 24,636	13,3
1254 -53, -56, 1259 334 1341 1342 1344 1343,	All for-profit industries Chemical manufacturing Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing Computer and electronic product manufacturing Computer and peripheral equipment manufacturing communications equipment manufacturing semiconductor and other electronic component manufacturing Navigational, measuring, electromedical, and control instruments manufacturing. Other computer and electronic products	9,854,333 7,956,694 172,711 73,650 96,464 28,221 1,513 10,913 2,971 38,024	10,283,516 8,353,888 161,502 72,428 87,853 38,668 3,338 11,444 4,272 34,803	10,779,849 8,809,300 169,477 77,519 91,073 51,137 4,922 11,443 7,724 37,842	9,229,659 169,936 78,410 90,790 81,501 7,397 15,760 20,158 42,236	11,347,156 9,348,809 164,571 80,667 84,170 81,169 7,128 10,100 26,800 41,584	9,493,461 178,711 85,522 93,107 94,227 12,598 11,183 29,239 40,674	11,840,700 9,711,491 177,301 86,538 90,864 111,249 18,683 12,207 35,921 40,705	12,263,814 10,090,037 193,132 90,372 102,754 144,814 23,985 16,593 51,041 47,550	12,638,375 10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828	12,976,249 10,739,900 201,561 89,981 111,670 223,815 53,778 24,636 78,373 59,797	13,3
3254 -53, -56, 3259 334 3341 3342 3344 3345 343, 3346	All for-profit industries	9,854,333 7,956,694 172,711 73,650 96,464 28,221 1,513 10,913 2,971	10,283,516 8,353,888 161,502 72,428 87,853 38,668 3,338 11,444 4,272	10,779,849 8,809,300 169,477 77,519 91,073 51,137 4,922 11,443 7,724	90,790 81,501 9,229,659 169,936 78,410 90,790 81,501 7,397 15,760 20,158	11,347,156 9,348,809 164,571 80,667 84,170 81,169 7,128 10,100 26,800	9,493,461 178,711 85,522 93,107 94,227 12,598 11,183 29,239	9,711,491 177,301 86,538 90,864 111,249 18,683 12,207 35,921	12,263,814 10,090,037 193,132 90,372 102,754 144,814 23,985 16,593 51,041	12,638,375 10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036	12,976,249 10,739,900 201,561 89,981 111,670 223,815 53,778 24,636 78,373	13,2 10,9 2
3254 -53, -56, 3259 334 3341 3342 3344 3345 343, 3346	All for-profit industries	9,854,333 7,956,694 172,711 73,650 96,464 28,221 1,513 10,913 2,971 38,024 4,041	10,283,516 8.353,888 161,502 72,428 87,853 38,668 3,338 11,444 4,272 34,803 5,353	10,779,849 8,809,300 169,477 77,519 91,073 51,137 4,922 11,443 7,724 37,842 3,896	11,225,977 9,229,659 169,936 78,410 90,790 81,501 7,397 15,760 20,158 42,236 4,190	11,347,156 9,348,809 164,571 80,667 84,170 81,169 7,128 10,100 26,800 41,584 2,937	9,493,461 178,711 85,522 93,107 94,227 12,598 11,183 29,239 40,674 3,860	9,711,491 177,301 86,538 90,864 111,249 18,683 12,207 35,921 40,705 4,643	12,263,814 10,090,372 193,372 90,372 102,754 144,814 23,985 16,593 51,041 47,550 6,255	12,638,375 10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828 7,384	12,976,249 10,739,900 201,561 89,981 111,670 223,815 53,778 24,636 78,373 59,797 8,454	13,2
254 -53, -56, 259 334 341 342 344 345 343, 346	All for-profit industries	9,854,333 7,956,694 172,711 73,650 96,464 28,221 1,513 10,913 2,971 38,024	10,283,516 8,353,888 161,502 72,428 87,853 38,668 3,338 11,444 4,272 34,803	10,779,849 8,809,300 169,477 77,519 91,073 51,137 4,922 11,443 7,724 37,842	9,229,659 169,936 78,410 90,790 81,501 7,397 15,760 20,158 42,236	11,347,156 9,348,809 164,571 80,667 84,170 81,169 7,128 10,100 26,800 41,584	9,493,461 178,711 85,522 93,107 94,227 12,598 11,183 29,239 40,674	11,840,700 9,711,491 177,301 86,538 90,864 111,249 18,683 12,207 35,921 40,705	12,263,814 10,090,037 193,132 90,372 102,754 144,814 23,985 16,593 51,041 47,550	12,638,375 10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828	12,976,249 10,739,900 201,561 89,981 111,670 223,815 53,778 24,636 78,373 59,797	13,1
1254 -53, -56, 1259 1341 1342 1344 1345 1346 1346 1346 1346	All for-profit industries Chemical manufacturing Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing Computer and electronic product manufacturing Computer and peripheral equipment manufacturing Semiconductor and other electronic component manufacturing Navigational, measuring, electromedical, and control instruments manufacturing. Other computer and electronic products manufacturing Transportation equipment manufacturing Motor vehicles, bodies and trailers, and parts	9,854,333 7.956,694 172,711 73.650 96,464 28,221 1,513 10,913 2,971 38,024 4,041 147,821	10,283,516 8,353,888 161,502 72,428 87,853 38,668 3,338 11,444 4,272 34,803 5,353 161,241	10,779,849 8,809,300 169,477 77,519 91,073 51,137 4,922 11,443 7,724 37,842 3,896 168,193	11,225,977 9,229,659 169,936 78,410 90,790 81,501 7,397 15,760 20,158 42,236 4,190 169,299	11,347,156 9,348,809 164,571 80,667 84,170 81,169 7,128 10,100 26,800 41,584 2,937 158,628	11,552,973 9,493,461 178,711 85,522 93,107 94,227 12,598 11,183 29,239 40,674 3,860 173,651	11,840,700 9,711,491 177,301 86,538 90,864 111,249 18,683 12,207 35,921 40,705 4,643 175,371	12,263,814 10,090,037 193,132 90,372 102,754 144,814 23,985 16,593 51,041 47,550 6,255 176,007	12,638,375 10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828 7,384 188,652	12,976,249 10,739,900 201,561 89,981 111,670 223,815 53,778 24,636 78,373 59,797 8,454 200,150	13,1
254 -53, -56, 259 334 341 342 344 345 343, 346 336 -63	All for-profit industries Chemical manufacturing. Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing Computer and electronic product manufacturing Computer and peripheral equipment manufacturing communications equipment manufacturing. Semiconductor and other electronic component manufacturing. Navigational, measuring, electromedical, and control instruments manufacturing. Other computer and electronic products manufacturing. Transportation equipment manufacturing. Motor vehicles, bodies and trailers, and parts manufacturing	9,854,333 7,956,694 172,711 73,650 96,464 28,221 1,513 10,913 2,971 38,024 4,041 147,821 79,079	10,283,516 8.353,888 161,502 72,428 87,853 38,668 3,338 11,444 4,272 34,803 5,353 161,241 88,434	10,779,849 8,809,300 169,477 77,519 91,073 51,137 4,922 11,443 7,724 37,842 3,896 168,193 89,978	11,225,977 9,229,659 169,936 78,410 90,790 81,501 7,397 15,760 20,158 42,236 4,190 169,299 93,497	11,347,156 9,348,809 164,571 80,667 84,170 81,169 7,128 10,100 26,800 41,584 2,937 158,628 84,991	9,493,461 178,711 85,522 93,107 94,227 12,598 11,183 29,239 40,674 3,660 173,651	9,711,491 177,301 86,538 90,864 111,249 18,683 12,207 35,921 40,705 4,643 175,371	12,263,814 10,090,037 193,132 90,372 102,754 144,814 23,985 16,593 51,041 47,550 6,255 176,007	12,638,375 10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828 7,384 188,652 112,622	12,976,249 10,739,900 201,561 89,981 111,670 223,815 53,778 24,636 78,373 59,797 8,454 200,150	13,1
254 -53, -56, 259 334 341 342 344 345 343, 346 336 -63 364	All for-profit industries Chemical manufacturing Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing Computer and electronic product manufacturing Computer and peripheral equipment manufacturing Semiconductor and other electronic component manufacturing Navigational, measuring, electromedical, and control instruments manufacturing. Other computer and electronic products manufacturing Transportation equipment manufacturing Motor vehicles, bodies and trailers, and parts	9,854,333 7.956,694 172,711 73.650 96,464 28,221 1,513 10,913 2,971 38,024 4,041 147,821	10,283,516 8,353,888 161,502 72,428 87,853 38,668 3,338 11,444 4,272 34,803 5,353 161,241	10,779,849 8,809,300 169,477 77,519 91,073 51,137 4,922 11,443 7,724 37,842 3,896 168,193	11,225,977 9,229,659 169,936 78,410 90,790 81,501 7,397 15,760 20,158 42,236 4,190 169,299	11,347,156 9,348,809 164,571 80,667 84,170 81,169 7,128 10,100 26,800 41,584 2,937 158,628	11,552,973 9,493,461 178,711 85,522 93,107 94,227 12,598 11,183 29,239 40,674 3,860 173,651	11,840,700 9,711,491 177,301 86,538 90,864 111,249 18,683 12,207 35,921 40,705 4,643 175,371	12,263,814 10,090,037 193,132 90,372 102,754 144,814 23,985 16,593 51,041 47,550 6,255 176,007	12,638,375 10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828 7,384 188,652	12,976,249 10,739,900 201,561 89,981 111,670 223,815 53,778 24,636 78,373 59,797 8,454 200,150	13,1
254 -53, -56, 259 334 341 342 344 345 343, 346 336 -63 364 -63,	All for-profit industries Chemical manufacturing. Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing. Computer and peripheral equipment manufacturing. Communications equipment manufacturing. Semiconductor and other electronic component manufacturing. Navigational, measuring, electromedical, and control instruments manufacturing. Other computer and electronic products manufacturing. Motor vehicles, bodies and trailers, and parts manufacturing Aerospace product and parts manufacturing	9,854,333 7.956,694 172,711 73.650 96,464 28,221 1,513 10,913 2,971 38,024 4,041 147,821 79,079 58,587	10,283,516 8.353,888 161,502 72,428 87,853 38,668 3,338 11,444 4,272 34,803 5,353 161,241 88,434 61,675	10,779,849 8,809,300 169,477 77,519 91,073 51,137 4,922 11,443 7,724 37,842 3,896 168,193 89,978 65,493	11,225,977 9,229,659 169,936 78,410 90,790 81,501 7,397 15,760 20,158 42,236 4,190 169,299 93,497 60,174	11,347,156 9,348,809 164,571 80,667 84,170 81,169 7,128 10,100 26,800 41,584 2,937 158,628 84,391 60,791	11,552,973 9,493,461 178,711 85,522 93,107 94,227 12,598 11,183 29,239 40,674 3,860 173,651 100,516 57,775	11,840,700 9,711,491 177,301 86,538 90,864 111,249 18,683 12,207 35,921 40,705 4,643 175,371 106,120 52,548	12,263,814 10,090,037 193,132 90,372 102,754 144,814 23,985 16,593 51,041 47,550 6,255 176,007 106,475 52,254	12,638,375 10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828 7,384 188,652 112,622 58,101	12,976,249 10,739,900 201,561 89,981 111,670 223,815 53,778 24,636 78,373 59,797 8,454 200,150 120,963 60,557	13,1
254 -53, -56, 259 334 341 342 344 345 343, 346 336 -63 364 -66, 369	All for-profit industries	9,854,333 7,956,694 172,711 73,650 96,464 28,221 1,513 10,913 2,971 38,024 4,041 147,821 79,079 58,587	10,283,516 8.353,888 161,502 72,428 87,853 38,668 3,338 11,444 4,272 34,803 5,353 161,241 88,434 61,675 14,204	10,779,849 8,809,300 169,477 77,519 91,073 51,137 4,922 11,443 7,724 37,842 3,896 168,193 89,978 65,493	11,225,977 9,229,659 169,936 78,410 90,790 81,501 7,397 15,760 20,158 42,236 4,190 169,299 93,497 60,174 18,226	11,347,156 9,348,809 164,571 80,667 84,170 81,169 7,128 10,100 26,800 41,584 2,937 158,628 84,391 60,791 17,430	9,493,461 178,711 85,522 93,107 94,227 12,598 11,183 29,239 40,674 3,860 173,651 100,516 57,775 16,621	11,840,700 9,711,491 177,301 86,538 90,864 111,249 18,683 12,207 35,921 40,705 4,643 175,371 106,120 52,548 16,607	12,263,814 10,090,037 193,132 90,372 102,754 144,814 23,985 16,593 51,041 47,550 6,255 176,007 106,475 52,254	12,638,375 10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828 7,384 188,652 112,622 58,101 17,929	12,976,249 10,739,900 201,561 89,981 1111,670 223,815 53,778 24,636 78,373 59,797 8,454 200,150 120,963 60,557	13,1
254 -53, -56, 259 334 341 342 344 345 343, 346 336 -63 364 -66, 369	All for-profit industries Chemical manufacturing Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing Computer and electronic product manufacturing Computer and peripheral equipment manufacturing Semiconductor and other electronic component manufacturing Navigational, measuring, electromedical, and control instruments manufacturing. Other computer and electronic products manufacturing Transportation equipment manufacturing Motor vehicles, bodies and trailers, and parts manufacturing Aerospace product and parts manufacturing Other transportation equipment manufacturing Software publishers	9,854,333 7.956,694 172,711 73,650 96,464 28,221 1,513 10,913 2,971 38,024 4,041 147,821 79,587 14,110 25,051	87,853 8,953,888 161,502 72,428 87,853 38,668 3,338 11,444 4,272 34,803 5,353 161,241 88,434 61,675 14,204	10,779,849 8,809,300 169,477 77,519 91,073 51,137 4,922 11,443 7,724 37,842 3,896 168,193 89,978 65,493 17,041 45,922	11,225,977 9,229,659 169,936 78,410 90,790 81,501 7,397 15,760 20,158 42,236 4,190 169,299 93,497 60,174 18,226 35,361	11,347,156 9,348,809 164,571 80,667 84,170 81,169 7,128 10,100 26,800 41,584 2,937 158,628 84,391 60,791 17,430 35,099	9.493,461 178,711 85,522 93,107 94,227 12,598 11,183 29,239 40,674 3,860 173,651 100,516 57,755 16,621 44,493	11,840,700 9,711,491 177,301 86,538 90,864 111,249 18,683 12,207 35,921 40,705 4,643 175,371 106,120 52,548 16,607 49,887	12,263,814 10,090,037 193,132 90,372 102,754 144,814 23,985 16,593 51,041 47,550 6,255 176,007 106,475 52,254 17,184 60,048	98,071 182,650 98,071 183,273 36,558 20,467 65,036 53,828 7,384 188,652 112,622 58,101 17,929 67,719	12,976,249 10,739,900 201,561 89,981 111,670 223,815 53,778 24,636 78,373 59,797 8,454 200,150 120,963 60,557 18,755 60,789	13,;
254 -53, -56, 259 334 341 342 344 345 343, 346 336 -63, 364 -66, 369	All for-profit industries Chemical manufacturing Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing Computer and electronic product manufacturing Computer and peripheral equipment manufacturing Semiconductor and other electronic component manufacturing Navigational, measuring, electromedical, and control instruments manufacturing. Other computer and electronic products manufacturing Transportation equipment manufacturing Motor vehicles, bodies and trailers, and parts manufacturing Aerospace product and parts manufacturing Other transportation equipment manufacturing Software publishers	9,854,333 7.956,694 172,711 73,650 96,464 28,221 1,513 10,913 2,971 38,024 4,041 147,821 79,587 14,110 25,051	10,283,516 8.353,888 161,502 72,428 87,853 38,668 3,338 11,444 4,272 34,803 5,353 161,241 88,434 61,675 14,204	10,779,849 8,809,300 169,477 77,519 91,073 51,137 4,922 11,443 7,724 37,842 3,896 168,193 89,978 65,493	11,225,977 9,229,659 169,936 78,410 90,790 81,501 7,397 15,760 20,158 42,236 4,190 169,299 93,497 60,174 18,226	11,347,156 9,348,809 164,571 80,667 84,170 81,169 7,128 10,100 26,800 41,584 2,937 158,628 84,391 60,791 17,430	9,493,461 178,711 85,522 93,107 94,227 12,598 11,183 29,239 40,674 3,860 173,651 100,516 57,775 16,621	11,840,700 9,711,491 177,301 86,538 90,864 111,249 18,683 12,207 35,921 40,705 4,643 175,371 106,120 52,548 16,607	12,263,814 10,090,037 193,132 90,372 102,754 144,814 23,985 16,593 51,041 47,550 6,255 176,007 106,475 52,254 17,184 60,048	98,071 182,650 98,071 183,273 36,558 20,467 65,036 53,828 7,384 188,652 112,622 58,101 17,929 67,719	12,976,249 10,739,900 201,561 89,981 111,670 223,815 53,778 24,636 78,373 59,797 8,454 200,150 120,963 60,557 18,755 60,789	13,;
254 -53, -56, 259 334 341 342 344 345 346 336 -63 364 -66, 369 112 -53	All for-profit industries	9,854,333 7,956,694 172,711 73,650 96,464 28,221 1,513 10,913 2,971 38,024 4,041 147,821 79,079 58,587 14,110 2,5051 1,871,518	10,283,516 8.353,888 161,502 72,428 87,853 38,668 3,338 11,444 4,272 34,803 15,353 161,241 88,434 61,675 14,204 3,008 1,926,967	10,779,849 8,809,300 169,477 77,519 91,073 51,137 4,922 11,443 7,724 37,842 3,896 168,193 89,978 65,493 17,041 45,922 2,055,102	11,225,977 9,229,659 169,936 78,410 90,790 81,501 7,397 15,760 20,158 42,236 4,190 169,299 93,497 60,174 18,226 35,361 2,192,351	11,347,156 9,348,809 164,571 80,667 84,170 81,169 7,128 10,100 26,800 41,584 2,937 158,628 84,391 60,791 17,430 35,099 2,328,358	11,552,973 9,493,461 178,711 85,522 93,107 94,227 12,598 11,183 29,239 40,674 3,660 173,651 100,516 57,775 16,621 4,493 2,321,259	11,840,700 9,711,491 177,301 86,538 90,864 111,249 18,683 12,207 35,921 40,705 4,643 175,371 106,120 52,548 16,607 4,887 2,352,736	12,263,814 10,090,037 193,132 90,372 102,754 144,814 23,885 16,593 51,041 47,550 6,255 176,007 106,475 52,254 17,184 60,048 2,384,265	12,638,375 10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828 7,384 188,652 112,622 58,101 17,929 67,719 2,521,596	12,976,249 10,739,900 201,561 89,981 111,670 223,815 53,778 24,636 78,373 59,797 8,454 200,150 120,963 60,759 1,8755 0,789 2,626,909	13,;
254 -53, -56, 259 334 341 342 344 345 343, 346 336 -63 364 -66, 369 112 -53 415	All for-profit industries Chemical manufacturing Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing Computer and electronic product manufacturing Computer and peripheral equipment manufacturing Semiconductor and other electronic component manufacturing Navigational, measuring, electromedical, and control instruments manufacturing. Other computer and electronic products manufacturing. Transportation equipment manufacturing Motor vehicles, bodies and trailers, and parts manufacturing Aerospace product and parts manufacturing Other transportation equipment manufacturing Software publishers Software publishers Finance, insurance, real estate, rental, and leasing Computer systems design and related services	9,854,333 7,956,694 172,711 73,650 96,464 28,221 1,513 10,913 2,971 38,024 4,041 147,821 79,079 58,587 14,110 25,051 1,871,518 69,675	10,283,516 8,353,886 161,502 72,428 87,853 38,668 3,338 11,444 4,272 34,803 5,353 161,241 88,434 61,675 14,204 32,008 1,926,967 84,463	10,779,849 8,809,300 169,477 77,519 91,073 51,137 4,922 11,443 7,724 37,842 3,896 168,193 89,978 65,493 17,041 45,922 2,055,102 94,214	11,225,977 9,229,659 169,936 78,410 90,790 81,501 7,397 15,760 20,158 42,236 4,190 169,299 93,497 60,174 18,226 35,361 2,192,351 101,804	11,347,156 9,348,809 164,571 80,667 84,170 81,169 7,128 10,100 26,800 41,584 2,937 158,628 84,391 60,791 17,430 35,099 2,328,358 103,324	9,493,461 178,711 85,522 93,107 94,227 12,598 11,183 29,239 40,674 3,860 173,651 100,516 57,775 16,621 44,493 2,321,259 100,252	11,840,700 9,711,491 177,301 86,538 90,864 111,249 18,683 12,207 35,921 40,705 4,643 175,371 106,120 52,548 16,607 49,887 2,352,736 103,930	12,263,814 10,090,037 193,132 90,372 102,754 144,814 23,985 16,593 51,041 47,550 6,255 176,007 106,475 52,254 17,184 60,048 2,384,265 116,172	12,638,375 10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828 7,384 188,652 112,622 58,101 17,929 67,719 2,521,562 129,320	12,976,249 10,739,900 201,561 89,981 1111,670 223,815 53,778 24,636 78,373 59,797 8,454 200,150 120,963 60,557 18,755 60,789 2,626,909 143,310	13,;
254 -53, -56, -259 334 341 342 344 345 343, 346 336 -63 -66, 369 112 -53 415	All for-profit industries Chemical manufacturing Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing Computer and electronic product manufacturing Computer and peripheral equipment manufacturing Computer and peripheral equipment manufacturing Semiconductor and other electronic component manufacturing Navigational, measuring, electromedical, and control instruments manufacturing other computer and electronic products manufacturing Transportation equipment manufacturing Motor vehicles, bodies and trailers, and parts manufacturing Aerospace product and parts manufacturing Other transportation equipment manufacturing Software publishers Finance, insurance, real estate, rental, and leasing Computer systems design and related services	9,854,333 7,956,694 172,711 73,650 96,464 28,221 1,513 10,913 2,971 38,024 4,041 147,821 79,059 14,110 25,051 1,871,518 69,675 42,807	87,853 88,53,888 161,502 72,428 87,853 38,668 3,338 11,444 4,272 34,803 5,353 161,241 88,434 61,675 14,204 32,008 1,926,967 84,463 45,463	10,779,849 8,809,300 169,477 77,519 91,073 51,137 4,922 11,443 7,724 37,842 3,896 168,193 89,978 65,493 17,041 45,922 2,055,102 94,214 48,820	11,225,977 9,229,659 169,936 78,410 90,790 81,501 7,397 15,760 20,158 42,236 4,190 169,299 93,497 60,174 18,226 35,361 2,192,351 101,804 51,776	11,347,156 9,348,809 164,571 80,667 84,170 81,169 7,128 10,100 26,800 41,584 2,937 158,628 84,391 60,791 17,430 35,099 2,328,358 103,324 54,459	9.493,461 178,711 85,522 93,107 94,227 12,598 11,183 29,239 40,674 3,860 173,651 100,516 57,736 16,621 44,493 2,321,259 100,252 57,736	11,840,700 9,711,491 177,301 86,538 90,864 111,249 18,683 12,207 35,921 40,705 4,643 175,371 106,120 52,548 16,607 49,887 2,352,736 103,930 58,947	12,263,814 10,090,037 193,132 90,372 102,754 144,814 23,985 16,593 51,041 47,550 6,255 176,007 106,475 52,254 17,184 60,048 2,384,266 116,172 60,687	12,638,375 10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828 7,384 188,652 112,622 58,101 17,929 67,719 2,521,596 129,320 63,018	12,976,249 10,739,900 201,561 89,981 111,670 223,815 53,778 24,636 78,373 59,797 8,454 200,150 120,963 60,557 18,755 60,789 2,626,909 143,310 67,912	13,10,
254 -53, -56, 259 334 341 342 344 345 343, 346 336 -63 364 -66, 369 112 -53 415	All for-profit industries	9,854,333 7,956,694 172,711 73,650 96,464 28,221 1,513 10,913 2,971 38,024 4,041 147,821 79,079 58,587 14,110 2,971 1,871,518 69,675 42,307 5,741,729	87,853 887,853 87,2428 87,853 38,668 3,338 11,444 4,272 34,803 161,241 88,434 61,675 14,204 32,008 1,926,967 84,463 4,463 6,003,434	10,779,849 8,809,300 169,477 77,519 91,073 51,137 4,922 11,443 7,724 37,842 3,896 168,193 89,978 65,493 17,041 45,922 2,055,102 94,214 48,320 6,242,647	11,225,977 9,229,659 169,936 78,410 90,790 81,501 7,397 15,760 20,158 42,236 4,190 169,299 93,497 60,174 18,226 35,361 2,192,351 101,804 5,176 6,451,470 6,451,470	11,347,156 9,348,809 164,571 80,667 84,170 81,169 7,128 10,100 26,800 41,584 2,937 158,628 84,391 60,791 17,430 32,328,358 103,324 54,459 64,451,713	9,493,461 178,711 85,522 93,107 94,227 12,598 11,183 29,239 40,674 3,860 173,651 100,516 57,775 16,621 44,493 2,321,259 100,252 57,736 6,539,310	11,840,700 9,711,491 177,301 86,538 90,864 111,249 18,683 12,207 35,921 40,705 4,643 175,371 106,120 52,548 16,607 49,887 2,352,736 103,930 58,947 6,891,815	12,263,814 10,090,031,2 193,132 90,372 102,754 144,814 23,985 16,593 51,041 47,550 6,255 176,007 106,475 52,254 17,184 60,048 2,384,265 116,172 60,687 6,087 6,087 6,958,418	12,638,375 10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828 7,384 188,652 112,622 58,101 17,929 67,719 2,521,556 129,320 6,018 7,088,012	12,976,249 10,739,900 201,561 89,981 1111,670 223,815 53,778 24,636 78,373 59,797 8,454 200,150 120,963 60,7597 18,755 60,789 2,626,909 143,310 67,912 7,218,608	13,; 10,; 2,;
254 -53, -56, 259 334 334 334 334 334 334 336 -63 336 -63 336 -63 336 -63 336 -63 347 347 347 347 347 347 347 34	All for-profit industries. Chemical manufacturing Pharmaceutical and medicine manufacturing. Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing. Computer and peripheral equipment manufacturing communications equipment manufacturing. Semiconductor and other electronic component manufacturing. Navigational, measuring, electromedical, and control instruments manufacturing. Other computer and electronic products manufacturing. Transportation equipment manufacturing. Motor vehicles, bodies and trailers, and parts manufacturing. Aerospace product and parts manufacturing. Other transportation equipment manufacturing. Software publishers Finance, insurance, real estate, rental, and leasing. Computer systems design and related services. Scientific R&D services. All other for-profit industries.	9,854,333 7,956,694 172,711 73,650 96,464 28,221 1,513 10,913 2,971 38,024 4,041 147,821 79,079 58,587 14,110 25,051 1,871,518 69,675 42,307 5,741,729 57,647,729	8,353,886 8,353,886 161,502 72,428 87,853 38,668 3,338 11,444 4,272 34,803 5,353 161,241 88,434 61,675 14,204 32,008 1,926,967 84,463 45,456 6,003,434 5,352,47	10,779,849 8,809,300 169,477 77,519 91,073 51,137 4,922 11,443 7,724 37,842 3,896 168,193 17,041 45,922 2,055,102 94,214 48,320 6,242,647 546,792	11,225,977 9,229,659 169,936 78,410 90,790 81,501 7,397 15,760 20,158 42,236 4,190 169,299 93,497 60,174 18,226 35,361 2,192,351 101,804 51,776 6,461,470 555,359	11,347,156 9,348,809 164,571 80,667 84,170 81,169 7,128 10,100 26,800 41,584 2,937 158,628 84,391 17,430 35,099 2,328,358 103,324 54,459 6,451,713 561,769	9,493,461 178,711 85,522 93,107 94,227 12,598 11,183 29,239 40,674 3,860 173,651 100,516 57,775 16,621 44,493 2,321,259 100,252 57,736 6,539,310 585,644	11,840,700 9,711,491 177,301 86,538 90,864 111,249 18,683 12,207 35,921 40,705 4,643 175,371 106,120 52,548 16,607 49,887 2,352,736 103,930 58,947 6,891,815 604,338	12,263,814 10,090,037 193,132 90,372 102,754 144,814 23,985 16,593 51,041 47,550 6,255 176,007 106,475 52,254 17,184 60,048 2,384,265 60,048 2,384,265 60,048 2,384,265 60,048 60	12,638,375 10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828 7,384 188,652 112,622 58,101 17,929 67,719 2,521,596 129,320 63,018 7,088,018	12,976,249 10,739,900 201,561 89,981 111,670 223,815 53,778 24,636 78,373 59,797 8,454 200,150 120,963 60,557 18,755 60,789 2,626,909 143,310 67,912 7,218,608 645,559	13,; 10,; 2,;
325 3254 -53, -56, 3259 3341 3342 3343, 3343, 3364 -63, 3364 -6112 2-53 5417	All for-profit industries Chemical manufacturing. Pharmaceutical and medicine manufacturing Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing. Computer and peripheral equipment manufacturing. Communications equipment manufacturing. Semiconductor and other electronic component manufacturing. Navigational, measuring, electromedical, and control instruments manufacturing other computer and electronic products manufacturing. Transportation equipment manufacturing. Motor vehicles, bodies and trailers, and parts manufacturing. Aerospace product and parts manufacturing. Other transportation equipment manufacturing. Software publishers Finance, insurance, real estate, rental, and leasing Computer systems design and related services. Scientific R&D services. All other for-profit industries. Nonprofit industries.	9,854,333 7,956,694 172,711 73,650 96,464 28,221 1,513 10,913 2,971 38,024 4,041 147,821 79,079 58,587 14,110 25,051 1,871,518 69,675 42,307 5,741,729 526,672 1,443,109	87,853 87,853 87,853 87,853 38,668 3,338 11,444 4,272 34,803 5,353 161,241 88,434 61,675 14,204 32,008 1,926,967 84,463 45,456 6,003,434 535,247 1,461,845	10,779,849 8,809,300 169,477 77,519 91,073 51,137 4,922 11,443 7,724 37,842 3,896 168,193 89,978 65,493 17,041 45,922 2,055,102 94,214 48,320 6,242,647 546,792	11,225,977 9,229,659 169,936 78,410 90,790 81,501 7,397 15,760 20,158 42,236 4,190 169,299 93,497 60,174 18,226 35,361 2,192,351 101,804 51,776 6,451,470 555,359 1,507,126	11,347,156 9,348,809 164,571 80,667 84,170 81,169 7,128 10,100 26,800 41,584 2,937 158,628 84,391 60,791 17,430 35,099 2,328,358 103,324 54,459 64,451,713 561,769 1,519,769	9,493,461 178,711 85,522 93,107 94,227 12,598 11,183 29,239 40,674 3,860 173,651 100,516 57,775 16,621 44,493 2,321,259 100,252 57,736 65,539,310 585,644 1,549,644	11,840,700 9,711,491 177,301 86,538 90,864 111,249 18,683 12,207 35,921 40,705 4,643 175,371 106,120 52,548 16,607 4,9887 2,352,736 103,930 58,947 6,691,815 604,338 1,564,849	12,263,814 10,090,037 193,132 90,372 102,754 144,814 23,985 16,593 51,041 47,550 6,255 176,007 106,475 52,254 17,184 60,048 2,384,265 116,172 60,687 6,958,418 623,901 1,576,297	12,638,375 10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828 7,384 188,652 112,622 58,101 17,929 67,719 2,521,596 129,320 63,018 7,088,012 62,238 1,585,904	12,976,249 10,739,900 201,561 89,981 111,670 223,815 53,778 24,636 78,373 59,797 8,454 200,150 120,963 60,557 18,755 60,789 2,626,909 143,310 67,912 7,218,608 645,559 1,593,247	7,3 6 1,6
3254 -53, -56, 3259 3341 3342 3344 3345 3346 3346 -66, 3369 5112 2-53 5415	All for-profit industries. Chemical manufacturing Pharmaceutical and medicine manufacturing. Chemicals minus pharmaceutical and medicine manufacturing. Computer and electronic product manufacturing. Computer and peripheral equipment manufacturing communications equipment manufacturing. Semiconductor and other electronic component manufacturing. Navigational, measuring, electromedical, and control instruments manufacturing. Other computer and electronic products manufacturing. Transportation equipment manufacturing. Motor vehicles, bodies and trailers, and parts manufacturing. Aerospace product and parts manufacturing. Other transportation equipment manufacturing. Software publishers Finance, insurance, real estate, rental, and leasing. Computer systems design and related services. Scientific R&D services. All other for-profit industries.	9,854,333 7,956,694 172,711 73,650 96,464 28,221 1,513 10,913 2,971 38,024 4,041 147,821 79,079 58,587 14,110 25,051 1,871,518 69,675 42,307 5,741,729 57,647,729	8,353,886 8,353,886 161,502 72,428 87,853 38,668 3,338 11,444 4,272 34,803 5,353 161,241 88,434 61,675 14,204 32,008 1,926,967 84,463 45,456 6,003,434 5,352,47	10,779,849 8,809,300 169,477 77,519 91,073 51,137 4,922 11,443 7,724 37,842 3,896 168,193 17,041 45,922 2,055,102 94,214 48,320 6,242,647 546,792	11,225,977 9,229,659 169,936 78,410 90,790 81,501 7,397 15,760 20,158 42,236 4,190 169,299 93,497 60,174 18,226 35,361 2,192,351 101,804 51,776 6,461,470 555,359	11,347,156 9,348,809 164,571 80,667 84,170 81,169 7,128 10,100 26,800 41,584 2,937 158,628 84,391 17,430 35,099 2,328,358 103,324 54,459 6,451,713 561,769	9,493,461 178,711 85,522 93,107 94,227 12,598 11,183 29,239 40,674 3,860 173,651 100,516 57,775 16,621 44,493 2,321,259 100,252 57,736 6,539,310 585,644	11,840,700 9,711,491 177,301 86,538 90,864 111,249 18,683 12,207 35,921 40,705 4,643 175,371 106,120 52,548 16,607 49,887 2,352,736 103,930 58,947 6,891,815 604,338	12,263,814 10,090,037 193,132 90,372 102,754 144,814 23,985 16,593 51,041 47,550 6,255 176,007 106,475 52,254 17,184 60,048 2,384,265 60,048 2,384,265 60,048 2,384,265 60,048 60	12,638,375 10,424,239 182,650 84,580 98,071 183,273 36,558 20,467 65,036 53,828 7,384 188,652 112,622 58,101 17,929 67,719 2,521,596 129,320 63,018 7,088,018	12,976,249 10,739,900 201,561 89,981 111,670 223,815 53,778 24,636 78,373 59,797 8,454 200,150 120,963 60,557 18,755 60,789 2,626,909 143,310 67,912 7,218,608 645,559	13,2 10,5 2 1 2,6 1 7,3 6 1,6 5

Nores. GDP for 2007 is consistent with the release of national data on July 30, 2010. Industry estimates for 2007 are consistent with the release of revised industry data on May 25, 2010. 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, 2007

Lina	01	Description	2007
Line	Steps	Description -	(Millions of dollars)
1	Industry gross output before adjustments	Tabulation of BEA GDP-by-industry data, including unpublished detail ¹	164,256
2	Plus: Own-account R&D investment, which is calculated as		22,487
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	47,741
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.	1,073
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.	22,377
6	Less: The cost of R&D funded by the Federal Government	Federally funded industry performed R&D adjusted for CFC.3	(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. I 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)
8	Less: The cost of R&D funded by nonprofit institutions serving households	Assumed to be zero.	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. 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. Cost of exports are based on BEA international services trade data for research, development, and testing services.	(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.	No adjustment necessary
11	Less: The double-counting of own-account R&D software investment	Special tabulation of BEA own-account software data,	35
12	Equals: Gross output adjusted for own-account R&D as investment		186,708
13	Intermediate inputs before capitalization	Tabulation of GDP-by-industry data, including unpublished detail.1	64,298
14	Less: Total purchased R&D, calculated as the sum of		44,962
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.	9,813
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	15,488
17	Plus: Purchases of nonscience 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	5,930
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	1,809
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). ³	643
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)
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)
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
23	Intermediate inputs including R&D adjustments (line 13 less line 14)		19,336
24	Value added before adjustments (line 1 less line 13)	Tabulation of BEA GDP-by-industry data, including unpublished detail.1	99,958
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)	Special tabulation of BEA own-account software data.	67,414
26	Value added including R&D adjustments (line 12 less line 23)		167,372

detail is based on a tabulation of unpublished data for the years 1997-2007 for both affiliated and unaffiliated

detail is based on a tabulation of unpublished data for the years 1997 trade.

GDP Gross domestic product
NIPAs National income and product accounts
NAICS North American Industry Classification System
R&D Research and development
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. 2007 SIRD, table 1.
4. Estimated with the ratio of net operating surplus to gross output for miscellaneous professional, scientific, and technical services (NAICS 5412OP) from BEA's GDP-by-industry data, various years.
5. 2007 SIRD, table 13.
6. BEA international services trade data are available at <www.bea.gov/internationai/intlserv.htm>. Industry

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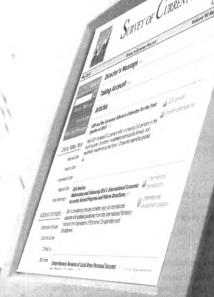
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Reconciliation of the United States-Canadian Current Account, 2008 and 2009

By Barbara Berman, Edward Dozier, and Denis Caron

THIS ARTICLE presents the results of a reconciliation of the bilateral current-account statistics of Canada and the United States for 2008 and 2009. Bilateral reconciliation exercises are useful for identifying potential improvements in measures of international transactions between trading partners. On a reconciled basis, the U.S. current-account balance with Canada is a U.S. deficit and Canadian surplus of \$47.3 billion for 2008 and a U.S. surplus and Canadian deficit of \$5.0 billion for 2009 (chart 1, table 1). The official U.S. current-account balance with Canada is a U.S. deficit of \$28.6 billion for 2008 and a U.S. surplus of \$14.5 billion for 2009. The official Canadian current-account balance is a Canadian surplus of \$47.3 billion for 2008 and a Canadian deficit of \$3.6 billion for 2009.

Aggregated results of the reconciliations are presented in this article and in table 1 following this article.³ Detailed results of the reconciliations are presented in tables 2–7 following this article. Table 2 shows the major types of reconciliation adjustments—definitional, methodological, and statistical—that

This article will also be published in Statistics Canada's Canadian Economic Accounts Quarterly Review, Fourth Quarter 2010.

were made to major current-account components (see the section "Summary of Reconciliation Methodology" for descriptions of the reconciliation items). Table 3 shows the official statistics published by each country, the statistics on a common basis (after definitional and methodological adjustments), the reconciled statistics (after statistical adjustments), and the

Chart 1. United States-Canadian Current-Account Balances

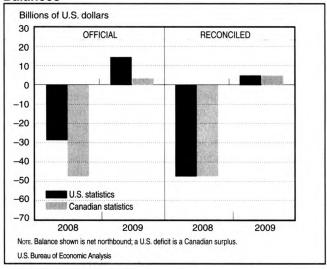


Table 1. Major United States-Canadian Balances
[Billions of U.S. dollars]

	Official s	tatistics	Reconciled	statistics
	United States	Canada	United States	Canada
2008				
Goods and services	-60.8 -80.4 19.6	70.0 83.0 –13.0	-75.8 -92.8 17.0	75.8 92.8 –17.0
Income	34.0	-26.5	29.9	-29.9
Current unilateral transfers	-1.8	3.8	-1.4	1.4
Current account	-28.6	47.3	-47.3	47.3
2009				
Goods and services	-2.8 -22.4 19.7	17.8 30.5 –12.7	-15.7 -33.5 17.8	15.7 33.5 –17.8
Income	19.8	-24.3	22.5	-22.5
Current unilateral transfers	-2.5	2.8	-1.8	1.8
Current account	14.5	-3.6	5.0	-5.0

Notes. A U.S. surplus (+) is a Canadian deficit (-), and a Canadian surplus (+) is a U.S. deficit (-). Details may not add to totals because of rounding.

^{1.} A country's current account, a component of its balance-of-payments (or international transactions) accounts, measures transactions in goods, services, income, and net unilateral current transfers between residents of that country and nonresidents.

^{2.} The reconciled statistics show how current-account items would appear if both countries used the same definitions, methodologies, and data sources. In this article, all values are expressed in U.S. dollars.

^{3.} The reconciliation of the current account was undertaken each year from 1970 to 2008. Following the 2008 reconciliation, the Bureau of Economic Analysis (BEA) and Statistics Canada agreed to reconcile every other year. Summary results of the reconciliations were published in the United States in the following issues of the Survey of Current Business: June 1975, September 1976 and 1977, December 1978 and 1979, June 1981, and each December of 1981–91. Complete details of the reconciliations were published in the following issues of the Survey: November 1992, each October of 1993–95, and each November of 1996–2008. In Canada, the results were published in the following issues of Canada's Balance of International Payments (catalogue 67–001), a publication of Statistics Canada: Fourth Quarter 1973, Second Quarter 1976 and 1977, Third Quarter 1978 and 1979, First Quarter 1981, and each Third Quarter of 1981–2008.

total adjustment for each major current-account component. Tables 4–7 show the reconciliation details for goods, services, and investment income.4

Reconciled Current-Account Balances

For the U.S. current account, the reconciliation results in an upward adjustment to the U.S. deficit for 2008 of \$18.7 billion and a downward adjustment to the U.S. surplus for 2009 of \$9.5 billion. For both years, the adjustments to the U.S. balance mostly reflect upward adjustments to U.S. southbound transactions; the adjustments to U.S. northbound transactions were relatively small (tables 2.1 and 2.2).5 For both years, the largest adjustments to U.S. southbound transactions result from definitional adjustments to add Canadian reexports to U.S. goods imports and from statistical adjustments to "other" services. For both years, the largest upward adjustments to U.S. northbound transactions result from statistical adjustments to "other" services and from definitional adjustments to "other" investment income. For both years, the largest downward adjustments to U.S. northbound transactions result from statistical adjustments to direct investment income.

For the Canadian current account, the reconciliation results in a slight adjustment to the Canadian surplus for 2008 and in an upward adjustment to the Canadian deficit for 2009 of \$1.4 billion. For 2008, the small adjustment to the Canadian surplus reflects nearly offsetting downward adjustments to Canadian southbound and Canadian northbound transactions. For 2009, the upward adjustment to the Canadian deficit reflects downward adjustments to Canadian southbound transactions that are partly offset by downward adjustments to Canadian northbound transactions.

Note on the United States-Canadian Current-Account Reconciliation

The United States-Canadian current-account reconciliation, which explains the differences between the official bilateral statistics published by the U.S. Bureau of Economic Analysis (BEA) and those published by Statistics Canada, is undertaken because of the extensive economic links between Canada and the United States. The reconciled statistics are intended to assist analysts who use both countries' statistics by showing how the currentaccount statistics would appear if both countries used common definitions, methodologies, and data sources.1

In principle, the bilateral current account of one country should mirror the bilateral current account of the other country. Differences occur in the official statistics of the U.S. and Canadian current accounts because of variations in the definitions, methodologies, and source data used by each country. Some of the differences for 2009 are in components of the current account for which data are preliminary and subject to revision; these differences may be reduced or eliminated when final data for these components are incorporated.

The longstanding United States-Canadian currentaccount reconciliation is among the leading examples of the benefits of international data exchanges. As a part of the reconciliation process, Canada and the United States have evaluated the accuracy of each other's statistics, and as a result, each country now includes in its official statistics data that are provided by the other country. The exchange of data between Canada and the United States for transactions—such as trade in goods, travel, passenger fares, Canadian and U.S. government transactions, and some large transportation transactions—covers a substantial portion of the value of the Canadian and U.S. current accounts and has eliminated some of the differences in the Canadian and U.S. official statistics. In addition, the reconciliation process has identified areas where errors and omissions may exist, helping each country to target data improvement efforts.

Although the U.S. and Canadian official statistics are reconciled and extensive exchanges of data take place between Canada and the United States, differences in the official statistics remain. Complete substitution of the reconciled statistics for official statistics and complete exchange of data are not feasible for several reasons. For trade in goods, imports in the U.S. accounts would be affected because the United States attributes Canadian reexports to the country of origin rather than to Canada, the last country of shipment. For some accounts, the protection of the confidentiality of the source data bars the exchange of data. Finally, a few differences are attributable to different requirements for integrating the international and national (domestic) accounts in each country.

^{4.} The reconciled statistics presented in the tables following this article may differ from the official statistics published by BEA and by Statistics Canada.

^{5.} In this article, the term "northbound" refers to U.S. exports of goods and services, U.S. income receipts, and current unilateral transfers to the United States, and it refers to Canadian imports of goods and services, Canadian income payments, and current unilateral transfers from Canada. The term "southbound" refers to U.S. imports of goods and services, U.S. income payments, and current unilateral transfers from the United States, and it refers to Canadian exports of goods and services, Canadian income receipts, and current unilateral transfers to Canada.

^{1.} A detailed article on the methodology was published by BEA in "Reconciliation of the U.S.-Canadian Current Account" in the November 1992 Survey and by Statistics Canada in Reconciliation of the Canadian-United States Current Account, 1990-1991. Statistics Canada also published a shortened version in the December 1992 Canadian Economic Observer and in Canada's Balance of International Payments, Third Quarter 1992.

For both years, the largest downward adjustments to Canadian southbound transactions result from definitional adjustments to eliminate withholding taxes from current unilateral transfers, from statistical adjustments to affiliated services, and from definitional adjustments to "other" investment income. For 2008, the largest upward adjustments to Canadian southbound transactions result from definitional and statistical adjustments to goods, and for 2009, the largest upward adjustments to Canadian southbound transactions result from statistical adjustments to goods and direct investment income. For both years, the largest downward adjustments to Canadian northbound transactions result from definitional adjustments to eliminate withholding taxes from direct investment and "other" investment income, from statistical adjustments to affiliated services, and from methodological adjustments to bring "other" investment income to a net basis. For both years, the largest upward adjustments to Canadian northbound transactions result from statistical adjustments to direct investment income and unaffiliated services.

Summary of Reconciliation Methodology

To reconcile the official U.S. and Canadian bilateral current-account statistics, they are first restated to a common basis—that is, they are adjusted for definitional and methodological differences—and, then statistical adjustments are applied to reach the reconciled values. The framework for restating the statistics to a common basis mainly follows the international guidelines published in the International Monetary Fund's Balance of Payments Manual (fifth edition). The official U.S. and Canadian statistics now largely conform to the international guidelines, but some differences from the international guidelines—and between the U.S. and Canadian statistics—remain because of data limitations, difficulties in determining country attribution, and differences in classification. In addition, the international guidelines can sometimes provide for more than one acceptable treatment.

Definitional adjustments mainly reflect data limitations and differences in country attribution. For example, as part of the reconciliation, U.S. official statistics on imports of goods from Canada are adjusted to include Canadian reexports to the United States—goods imported by Canada from third countries and then reexported to the United States without substantial changes—because U.S. imports of goods are recorded on a country-of-origin basis. This adjustment increases the U.S. goods deficit with Canada and reduces the U.S. goods deficit with other countries. Another example of a definitional adjustment is that the Cana-

dian official statistics, mainly investment income, are adjusted to a common basis that is net of withholding taxes because some U.S. withholding taxes are included on a global basis in the U.S. official statistics and cannot be allocated by country for comparison with the Canadian statistics. While this definitional adjustment results in reconciled statistics that are inconsistent with international guidelines, the statistics could not be compared on a common basis without it.

Methodological adjustments mainly reflect differences in classification. For example, U.S. official statistics on film rentals and courier services are recorded in various services accounts; for the reconciliation, they are reclassified to a single account. A few U.S. and Canadian accounts, mainly interest income, are adjusted to a net or gross basis for comparability; these adjustments do not affect the current-account balance because the northbound and the southbound adjustments are offsetting.

Statistical differences reflect the use of different source data in the United States and Canada, the difficulty in determining country attribution because of insufficient data, the preliminary nature of some data (particularly for the most recent year), and the use of sample data between benchmarks. For both the northbound and the southbound statistics, most of the statistical differences are in the "other" services and investment income accounts.

Acknowledgements

The reconciliations were carried out under the direction of Denis Caron, Chief of the Current Account at Statistics Canada, Edward Dozier, Chief of the Travel and Transportation Section at BEA, and Barbara Berman, international economist at BEA. At Statistics Canada, David Benes was responsible for the production and coordination of the reconciliation; Denis Caron was responsible for reconciling Canadian goods and services; Christian Lajule for Canadian direct investment income; and Éric Boulay for Canadian portfolio investment income, with the collaboration and assistance of Komal Bobal, Marie-Josée Lamontagne, Éric Simard, and Sana Yousuf. At BEA, Mai-Chi Hoang was responsible for reconciling goods; Edward Dozier and Anne Flatness for services, with the assistance of Lori Chang for financial services; Gregory Fouch and Peter Fox for the accounts related to Canadian direct investment in the United States; Mark New for the accounts related to U.S. direct investment in Canada; and Barbara Berman and Kyle Westmoreland for the portfolio income accounts.

Tables 2.1 through 7.2 follow.

Table 2.1. Summary of Reconciliation Adjustments, Northbound, 2008 [Millions of U.S. dollars]

	Defin	tional	Methodological		Statistical		Tot	tal
	United States	Canada	United States	Canada	United States	Canada	United States	Canada
Goods, balance-of-payments basis		-1,798	-394	-119	98	-216	-291	-2,13
Definitional adjustments		-1,798					5	-1,79
Reclassification of fuel purchases in U.S. ports to transportation services			-394	-119		***************************************	-394	-11
Statistical adjustments				-113	98	-216	98	-21
Services	***************************************	-1.071	394	-117	3,120	1,532	3,514	34
Travel		/	1.207		-241	134	966	13
Reclassification of education from unaffiliated services			885		-241	104	885	
Reclassification of medical services from unaffiliated services			322				322	
Statistical adjustments					-241	134	-241	13
Passenger fares					~227		-227	
Other transportation		-200	236	247	271	-100	507	-5
Definitional adjustments		-200						-20
Reclassification of courier services to unaffiliated services	j		-158 394				-158 394	•••••
Reclassification of transportation services from unaffiliated services				168				16
Reclassification of transportation services from affiliated services				79				7
Statistical adjustments					271	-100	271	-10
Other services		-871	-1,049	-364	3,317	1,498	2,268	26
Affiliated		:	-581	-1,555	2,582	-2,582	2,001	-4,13
Definitional adjustments					······			
Reclassification of financial services to unaffiliated services Reclassification of selected services to unaffiliated services				-965 -511			-581	96 51
Reclassification of transportation services from affiliated services.	***************************************			-79 i				-7
Statistical adjustments					2,582	-2,582	2,582	-2,58
Unaffiliated		-871	-468	1,191	735	3,806	267	4,12
Definitional adjustments		-871						-87
Reclassification of transactions to or from other accounts			-468	1,191	705		-468	1,19
Statistical adjustments					735	3,806	735	3,80
U.S. military sales					······	274		27
ncome	1,289	-3,827	-1,201	-2,655	-6 ,661	7,267	-6,573	78
Direct investment		-1,104		-802	-6,086	6,086	-6,132	4,18
Definitional adjustments		~1,104		-802			-46	-1,10
Adjustment of interest income to a net basis				-802	-6,086	6,086	-6.086	-80 6.08
Other investment	1	-2,723	-1.201	-2.029	-575	1.195	-440	-3.55
Definitional adjustments		-2,723	-1,201	-2,023	-575	1,100	1,336	-2.72
Adjustment of interest income to a net basis			-1,201	-2,029			-1,201	-2,02
Statistical adjustments					-575	1,195	-575	1,19
Compensation of employees				176		-14		16
Reclassification from unaffiliated services	***************************************		***************************************	176	!	-14		16
Current unilateral transfers		-1,2 15	39	60	347	-346	386	-1,50
Definitional adjustments				60				-1,21
Reclassification from unaffiliated services			39	60	***************************************		39	6
Statistical adjustments					347	-346	347	-34
Total adjustments		-7.911		-2.831	-3.096	8.237	-2.964	-2.50

Table 2.1. Summary of Reconciliation Adjustments, Northbound, 2009 [Millions of U.S. dollars]

	Defin	itional	Method	ological	Statis	stical	Tot	tal
	United States	Canada	United States	Canada	United States	Canada	United States	Canada
Goods, balance-of-payments basis	5	-1,753	-198	-123	-326	-95	-519	-1,971
Definitional adjustments	5	-1,753					5	-1,753
Reclassification of fuel purchases in U.S. ports to transportation services			-198				-198	
Reclassification of equipment repairs to unaffiliated services					-326	-95	-326	, –123 . –95
•		i						
Services		-958	198	-104	2,652	3,346	2,850	2,283
Travel			1,280		-129	159	1,151	159
Reclassification of education from unaffiliated services			938				938	
Reclassification of medical services from unaffiliated services			342		-129	159	342 –129	159
Statistical adjustments								
Passenger fares					-97		-97	
Other transportation		-115	78	245	125	76	204	206
Definitional adjustments Reclassification of courier services to unaffiliated services			-120				-120	-115
Reclassification of fuel purchases in U.S. ports from goods							198	
Reclassification of transportation services from unaffiliated services	. :			170				170
Reclassification of transportation services from affiliated services				75				75
Statistical adjustments					125	76	125	71
Other services		-843	-1,160	-349	2,753	3,111	1,592	1,918
Affiliated		-69	-563	-1.519	2.032	-2.032	1,469	-3,621
Definitional adjustments								-69
Reclassification of financial services to unaffiliated services			-563	-922			-563	-922
Reclassification of selected services to unaffiliated services				-522				-52
Reclassification of transportation services from affiliated services				-75	2,032	-2.032	2.032	-75 -2.032
				4 470	721		,	
Unaffiliated				1,170]	4,852	123	5,24 -77
Reclassification of transactions to or from other accounts			-597	1,170			-597	1.170
Statistical adjustments				,	721	4.852	721	4.85
U.S. military sales						291		29
·				i				
income		,		-,	-937	1,229	188	-2,053
Direct investment		-107		-1,042	-2,052	2,052	-2,083	903
Definitional adjustments	–31	-107		-1.042			-31	-101 -1.04
Statistical adjustments				-1,042	-2,052	2,052	-2,052	2.05
Other investment				-600	1.115	-806	2,271	-3.11
Definitional adjustments				-000	1,113		1,358	-1,70
Adjustment of interest income to a net basis			-202				-202	60
Statistical adjustments					1,115	-806	1,115	80
Compensation of employees			***************************************	172		-17		158
Reclassification from unaffiliated services				172		-17		155
Current unilateral transfers		-1,158	-717	55	728	-728	11	-1.831
Definitional adjustments.				33		-720		-1,15
Reclassification from unaffiliated services								·
Adjustment of U.S. transfers to a gross basis			-717				-717	
Statistical adjustments					728	-728	728	
Total adjustments	1,332	-5,681	-919	-1,642	2,117	3,752	2,530	-3,572

Table 2.2. Summary of Reconciliation Adjustments, Southbound, 2008 [Millions of U.S. dollars]

	Defin	itional	Method	ological	Statis	tical	Tot	al
	Canada	United States	Canada	United States	Canada	United States	Canada	United States
Goods, balance-of-payments basis.	i '	12,729	-1,08 5	-64 5	2,842	88	7,730	12,172
Canadian reexports to the United States		12,006 723					5.973	12,006 723
Reclassification of fuel purchases in foreign ports to transportation services				-645				-645
Reclassification of equipment repairs to unaffiliated services			-1,085		2,842	88	-1,085 2,842	88
Services	1,445		425	645	-2,670	5,388	-3,689	6,033
Travel				244		31		275
Reclassification of education from unaffiliated services				140		•		140
Reclassification of medical services from unaffiliated services				104				104
Statistical adjustments						31		31
Passenger fares						12		12
Other transportation			79	378	43	35	53	413
Definitional adjustments				-267			-69	-267
Reclassification of fuel purchases in foreign ports from goods				645				-207 645
Reclassification of transportation services to or from other accounts			79				79	
Statistical adjustments					43	35	43	35
Other services	1,376		346	23	-2,713	5,310	-3,742	5,333
Affiliated			-1,363	-369	-2.982	2.982	-4.345	2.613
Definitional adjustments								
Reclassification of financial services to unaffiliated services			-895	-369			-895	-369
Reclassification of selected services to or from unaffiliated services			-393 -75				-393 -75	
Statistical adjustments			-/3		-2.982	2,982	-2,982	2.982
Unaffiliated			1,709	392	263	2,328	597	2,720
Definitional adjustments			1,700	002		2,020	-1.376	2,720
Reclassification of transactions to or from other accounts			1,713	392			1,713	392
Reclassification of selected services to transportation services			-4				-4	
Statistical adjustments			***************************************		263	2,328	263	2,328
U.S. defense expenditures					6		6	
Income	-2.321	-302	-2,460	-1.201	2,216	-963	-2.565	-2,467
Direct investment	205	-302	-802		499	-499	-508	-801
Definitional adjustments		-302		***************************************			-205	-302
Adjustment of interest income to a net basis			-802				-802	
Statistical adjustments		1			499	-499	499	-499
Other investment			-2,029	-1,201	1,527	-464	-2,618	-1,665
Definitional adjustments			-2.029	-1.201			-2,116	-1.201
Statistical adjustments			-2,029	-1,201	1,527	-464	-2,029 1,527	-1,201 -464
Compensation of employees.		***************************************	371	***************************************	1,327	7404	561	-404
Reclassification from unaffiliated services			371				371	
Statistical adjustments							190	
Current unilateral transfers			289	39	11	-12	-3.930	27
Definitional adjustments			209	39		-12	-3,930 -4,230	
Reclassification from unaffiliated services							'	
Adjustment of U.S. transfers to a gross basis				39				39
Statistical adjustments					11	-12	11	-12
Total adjustments	2,023	12,427	-2,831	-1,162	2,399	4,501	-2,454	15,765

Table 2.2. Summary of Reconciliation Adjustments, Southbound, 2009 [Millions of U.S. dollars]

	Defir	itional	Method	ological	Statis	tical	Tot	al
	Canada	United States	Canada	United States	Canada	United States	Canada	United States
Goods, balance-of-payments basis.	–1,043	10,727	-1,145	-32 6	3,119	83	931	10,484
Canadian reexports to the United States. Other definitional adjustments. Reclassification of fuel purchases in foreign ports to transportation services.	-1,043	9,793 934					-1,043	9,793 934 -326
Reclassification of equipment repairs to unaffiliated services			-1,145		3,119	8 3	-1,145 3,119	83
Services	–1,118		513	326	-2,118	4,431	-2,723	4,757
Travel				272		4		276
Reclassification of education from unaffiliated services.				151				151
Reclassification of medical services from unaffiliated services				121				121
Statistical adjustments	1							4
Passenger fares	1					-22		-22
Other transportation			50	147	116	-53	122	94
Definitional adjustments							-44	
Reclassification of courier services to unaffiliated services				-179 326				-179 326
Reclassification of transportation services to or from other accounts			50	320			50	320
Statistical adjustments					116	-53	116	-53
Other services			463	-93	-2.234	4.502	-2.845	4,409
Affiliated			-1.104	-316	-2.371	2,371	-3,475	2.055
Definitional adjustments.			-1,104	-310		2,3/1	-3,475	2,055
Reclassification of financial services to unaffiliated services.			-671	-316			-671	-316
Reclassification of selected services to or from unaffiliated services			-386				-386	.,
Reclassification of selected services to transportation services			-47				-47	
Statistical adjustments					-2,371	2,371	-2,371	2,371
Unaffiliated			1,567	223	89	2,132	582	2,355
Definitional adjustments						·····	-1,074	
Reclassification of transactions to or from other accounts			1,570 -3	223			1,570 -3	223
Statistical adjustments			-3		89	2.132	89	2.132
U.S. defense expenditures	i				49		49	2,102
•								
Income				-202	2,921	-2,256	-288	-2,501
Direct investment					2,153	-2,152	953	-2,194
Definitional adjustments			-1.042				-158 -1.042	-42
Statistical adjustments					2,153	-2,152	2,153	-2,152
Other investment.		1	-600	-202	572	-104	-1.806	-306
Definitional adjustments				-202	5/2	-104	-1,806 -1,778	-300
Adjustment of interest income to a net basis				-202			-600	-202
Statistical adjustments					572	-104	572	-104
Compensation of employees	,		369		196		565	***************************************
Reclassification from unaffiliated services							369	
Statistical adjustments					196		196	
Current unilateral transfers	3.108		263	-717	-31	31	-2,876	-685
Definitional adjustments	3,108						-3,108	
Reclassification from unaffiliated services			263				263	
Adjustment of U.S. transfers to a gross basis				-717				-717
Statistical adjustments	l l				-31	31	-31	31
Total adjustments	7,205	10,685	-1,642	-919	3,891	2,289	-4,956	1 2,05 5

Table 3.1. United States-Canadian Current-Account Reconciliation, Northbound [Millions of U.S. dollars]

	C	Official statistic	s	Common-basis statistics after definitional and methodological adjustments			Reconciled including adjust	statistical	Total adjus	
	U.S. receipts	Canadian payments	Difference	U.S. receipts	Canadian payments	Difference	U.S. receipts	Canadian payments	United States	Canada
2008										
Goods and services	307,306	312,319	-5,013	307,311	309,213	-1,902	310,529	310,529	3,223	-1,790
Goods, balance-of-payments basis	262,282	264,124	-1,842	261,893	262,207	-314	261,991	261,991	-291	-2,133
Services Travel Passenger fares Other transportation Other services	45,024 14,667 3,664 3,101 23,592	48,195 15,499 3,437 3,661 25,598	-3,171 -832 227 -560 -2,006	45,418 15,874 3,664 3,337 22,543	47,006 15,499 3,437 3,708 24,362	-1,588 375 227 -371 -1,819	48,538 15,633 3,437 3,608 25,860	48,538 15,633 3,437 3,608 25,860	3,514 966 -227 507 2,268	343 134 -53 262
Income	56,503 56,340 32,410 23,930 162	49,145 49,145 22,098 27,047 (')	7, 358 7,195 10,312 -3,117 162	56,591 56,429 32,364 24,065 162	42,663 42,487 20,192 22,295 176	13,928 13,942 12,172 1,770 -14	49,930 49,768 26,278 23,490 162	49,930 49,768 26,278 23,490 162	-6,573 -6,572 -6,132 -440	785 623 4,180 -3,557 162
Current unilateral transfers	(²)	1,887	-1,887	39	732	-693	386	386	386	-1,501
Current account, northbound	363,809	363,351	458	363,941	352,608	11,333	360,845	360,845	-2,964	-2,506
2009										
Goods and services	247,854	249,873	-2,019	247,858	246,934	924	250,185	250,185	2,331	312
Goods, balance-of-payments basis	205,455	206,907	-1,452	205,262	205,031	231	204,936	204,936	-519	-1,971
Services Travel Passenger fares Other transportation Other services	42,399 12,819 3,313 2,716 23,551	42,966 13,811 3,216 2,714 23,225	-567 -992 97 2 326	42,596 14,099 3,313 2,794 22,390	41,903 13,811 3,216 2,844 22,032	693 288 97 -50 358	45,249 13,970 3,216 2,920 25,143	45,249 13,970 3,216 2,920 25,143	2,850 1,151 -97 204 1,592	2,283 159 206 1,918
Income	37,510 37,355 19,865 17,490 155	39,751 39,751 16,879 22,872 (')	-2,241 -2,396 2,986 -5,382 155	38,635 38,480 19,834 18,646 155	36,469 36,297 15,730 20,567 172	2,166 2,183 4,104 -1,921 -17	37,698 37,543 17,782 19,761 155	37,698 37,543 17,782 19,761 155	188 188 -2,083 2,271	-2,053 -2,208 903 -3,111 155
Current unilateral transfers Current account, northbound	(²) 285,364	1,842 291,466	-1,842 -6,102	-717 285,776	739 284,142	-1,456 1,634	11 287,894	11 287,894	11 2,530	-1,831 -3,572

In the Canadian official statistics, compensation of employees is included in "other" services.
 Current unilateral transfers are published on a net basis in the U.S. accounts and appear as net payments in table 3.2.

Table 3.2. United States-Canadian Current-Account Reconciliation, Southbound [Millions of U.S. dollars]

	C	official statistic	s	Common-basis statistics after definitional and methodological adjustments			Reconciled including adjust	statistical	Total adjustments to official statistics	
	Canadian receipts	U.S. payments	Difference	Canadian receipts	U.S. payments	Difference	Canadian receipts	U.S. payments	Canada	United States
2008										
Goods and services	382,297	368,133	14,164	386,166	380,862	5,304	386,338	386,338	4,041	18,205
Goods, balance-of-payments basis	347,106	342,664	4,442	351,994	354,748	-2,754	354,836	354,836	7,730	12,172
Services	35,191	25,469	9,722	34,172	26,114	8,058	31,502	31,502	-3,689	6,033
Travel	7,154	6,879	275	7,154	7,123	31	7,154	7,154		275
Passenger fares Other transportation	374 4.624	362 4.264	12 360	374 4.634	362 4.642	12 -8	374 4.677	374 4,677	53	12 413
Other transportation.	23,039	13,964	9,075	22,010	13.987	8,023	19,297	19,297	-3.7 4 2	5.333
Income	22,620	22,522	98	17,839	21,018	-3,179	20.055	20.055	-2,565	-2,467
Investment income	22,620	21,960	660	17,468	20,457	-2. 9 89	19,494	19,494	-3.126	-2.466
Direct investment	7,771	8,064	-293	6,764	7,762	-998	7,263	7,263	-508	-801
Other investment	14,849	13,896	953	10,704	12,695	-1,991	12,231	12,231	-2,618	-1,665
Other private investment	13,604 1,245	13,133 763	471	9,707	11,932 763	-2,225 234	11,351 880	11,351 880	-2,253	-1,782 117
Compensation of employees	1,245 (¹)	763 561	482 -561	997 371	763 561	-190	561	561	-365 561	117
Current unilateral transfers	5,707	1,750	3,957	1.766	1,789	-2 3	1,777	1,777	-3,930	27
Current account, southbound	410,624	392,405	18,219	405,771	403,669	2,102	408,170	408,170	1	15,765
2009	410,024	332,403	10,219	400,771	403,003	2,102	400,170	400,170	-2,454	15,765
Goods and services	267,675	250,642	17,033	264,882	261,369	3,513	265,88 3	265,883	-1,792	15,241
Goods, balance-of-payments basis	237,455	227,902	9,553	235,267	238,303	-3,036	238,386	238,386	931	10,484
Services	30,220	22,740	7,480	29,615	23,066	6,549	27,497	27,497	-2,723	4,757
Travel	6,185	5,909	276	6,185	6,181	4	6,185	6,185		276
Passenger fares Other transportation	294 3.686	316 3.714	-22 -28	294 3,692	316 3,861	-22 -169	294 3,808	294 3,808	122	-22 94
Other services	20,055	12,801	7,254	19,444	12,708	6,736	17,210	17,210	-2,845	4,409
Income	15.492	17.705	-2.213	12.283	17.460	-5.177	15,204	15.204	-288	-2.501
Investment income	15,492	17,139	-1,647	11,914	16,895	-4,981	14,639	14,639	-853	-2,500
Direct investment	3,568	6,715	-3,147	2,368	6,673	-4,305	4,521	4,521	953	-2,194
Other investment	11,924 11,013	10,424	1,500	9,546	10,222	-676	10,118	10,118	-1,806	-306
Other private investment	911	9,604 820	1,409 91	8,817 729	9,402 820	-585 -91	9,343 775	9,343 775	-1,670 -136	–261 –45
Compensation of employees	(*)	565	-565	369	565	-196	565	565	565	-40
Current unilateral transfers	4,666	2,475	2,191	1,821	1,758	63	1,790	1,790	-2,876	-685
	.,									

^{1.} In the Canadian official statistics, compensation of employees is included in "other" services.

Table 4.1. Trade in Goods, Northbound

[Millions of U.S. dollars]

	U.S. receipts	Canadian payments
2008		
Official statistics, balance-of-payments basis	262,282	264,124
Definitional and methodological adjustments:		
Definitional adjustments	5	-1,798
Reclassification of fuel purchases in 0.5. ports to transportation services	-394	-119
Common basis after definitional and methodological adjustments	261,893	262,207
Statistical adjustments	98	-216
Reconciled statistics, including statistical adjustments	261,991	261,991
2009		
Official statistics, balance-of-payments basis	205,455	206,907
Definitional and methodological adjustments:		
Definitional adjustments	5	-1,753
Reclassification of fuel purchases in U.S. ports to transportation services		-123
	205,262	205.031
Common basis after definitional and methodological adjustments		
Statistical adjustments	-326	-95
Reconciled statistics, including statistical adjustments	204,936	204,936

Table 4.2. Trade in Goods, Southbound

[Millions of U.S. dollars]

	Canadian receipts	U.S. payments
2008		
Official statistics, balance-of-payments basis	347,106	342,664
Definitional and methodological adjustments:		
Canadian reexports to the United States		12,006
Other definitional adjustments	5,973	723 -645
Reclassification of equipment repairs to unaffiliated services	-1,085	-040
Common basis after definitional and methodological adjustments		354.748
Statistical adjustments	2,842	88
Reconciled statistics, including statistical adjustments	354,836	354,836
2009		
Official statistics, balance-of-payments basis	237,455	227,902
Definitional and methodological adjustments:		
Canadian reexports to the United States		9,793
Other definitional adjustments	-1,043	934 -326
Reclassification of equipment repairs to unaffiliated services	-1,145	-320
Common basis after definitional and methodological adjustments	235,267	238,303
Statistical adjustments	3,119	83
Reconciled statistics, including statistical adjustments	238,386	238,386

Table 5.1. Travel, Passenger Fares, and Other Transportation, Northbound

				[144	MIONS OF 0.3	dollarsj					
	(Official statistic	es	definition	n-basis statist all and metho adjustments		Reconciled including adjust	statistical	»»	Total adju	ustments to official statistics
	U.S. receipts	Canadian payments	Difference	U.S. receipts	Canadian payments	Difference	U.S. receipts	Canadian payments	United States	Canada	Type of adjustment
2008											
Travel	14,667	15,499	-832	15,874	15,499	375	15,633	15,633	966	134	
Business and personal Education		14,426 751	241 -751	14,667 885	14,426 751	241 134	14,426 885	14,426 885	-241 885	12/	Statistical Methodological and statistical
Medical		322	-322	322	322		322	322	322		Methodological
Passenger fares	3,664	3,437	22 7	3,664	3,437	22 7	3,437	3,437	-227		Statistical
Other transportation	3,101	3,661	-560	3,337	3,708	-3 71	3,608	3,608	507	-53	
Freight	2,536	2,820	-284	2,361	2,620	-259	2.543	2.543	7	-277	
Ocean	179	579	-400	162	379	-217	280	280	101	-299	Definitional, methodological, and statistical
AirTruck		54 1.648	158 9	54 1,657	54 1.648	9	54 1,657	54 1,657	-158		Methodological Statistical
Other		539	-51	488	539	-51	552	552	64		Statistical
Port services	565	716	-151	959	963	-4	940	940	375	224	1
Vessel operators	72	121	-49	140	121	19	121	121	49		Methodological and statistical
Airline operators Other		562 33	-349 247	539 280	562 280	-23	539 280	539 280	326		Methodological and statistical Methodological
					ļ					-	1
Other		125	-125	17	125	-108	125	125	125		Methodological and statistical
2009											
Travel		13,811	-992	14,099	13,811	288	13,970	13,970	1,151	159	
Business and personal Education		12,690 781	129 -781	12,819 938	12,690 781	129 157	12,690 938	12,690 938	-129 938		Statistical Methodological and statistical
Medical		340	-340	342	340	2	342	342	342		Methodological and statistical
Passenger fares	3,313	3,216	97	3,31 3	3,216	97	3,216	3,216	-97		Statistical
Other transportation	2,716	2,714	2	2,794	2,844	-50	2,920	2,920	204	206	
Freight		2,202	-9	2,057	2,087	-30	2,157	2,157	-36		
Ocean		356 46	-175 120	165 46	241 46	-76	221	221 46	40 -120		Definitional, methodological, and statistical
AirTruck		1,387	120	1,393	1,387	6	46 1,393	1,393	-120		Methodological Statistical
Other		413	40	453	413	40	497	497	44		Statistical
Port services		450	74	722	695	27	701	701	177	251	
Vessel operators		61		107	61	46	84	84	23	23	Methodological and statistical
Airline operators Other		359 30	-167 241	344 271	359 275	-15 -4	344 273	344 273	152 2	-15 243	Methodological and statistical Methodological and statistical
						·	1		_		ŭ
Other		62	-62	16	62	-46	62	62	62		Methodological and statistical

Table 5.2. Travel, Passenger Fares, and Other Transportation, Southbound [Millions of U.S. dollars]

				1							
		Official statistic	cs		n-basis statis nal and metho adjustments	dological	including	d statistics, statistical ments		Total adju	stments to official statistics
	Canadian receipts	U.S. payments	Difference	Canadian receipts	U.S. payments	Difference	Canadian receipts	U.S. payments	Canada	United States	Type of adjustment
2008	1								-		
Travel	7,154	6,879	275	7,154	7,123	31	7,154	7,154		275	
Business and personal Education			-37 224	6,842 224	6,879 140	~37 84	6,842 224	6,842 224			Statistical Methodological and statistical
Medical			88	88	104	-16	88	88		88	Methodological and statistical
Passenger fares	374	362	12	374	362	12	374	374		12	Statistical
Other transportation	4,624	4,264	360	4,634	4,642	-8	4,677	4,677	53	413	
Freight	3,532	3,614	-82	3,532	3,355	177	3,470	3,470	-62		
OceanAir		315 5	7	322 5	238	84	247	247 5	-75	-68	Methodological and statistical
Truck	2,953	2,966	-13	2,953	2,966	-13	2,966	2,966			Statistical
Other	252	328	-76	252	146	106	252	252		-76	Methodological and statistical
Port services		650		1,046		-164	1,130	1,130	169	480	
Vessel operatorsAirline operators		96 473	-27 335	75 808	139 808	-64	107 808	107 808	38	11 335	Definitional, methodological, and statistical Methodological
Other		81	3	163	263	-100	215	215	131	134	Methodological and statistical
Other	131		131	56	77	-21	77	77	-54	77	Definitional, methodological, and statistical
200 9											
Travel	6,185	5,909	276	6,185	6,181	4	6,185	6,185		276	
Business and personal		5,909	-34 223	5,875 223	5,909 151	-34 72	5, 8 75 223	5,875 223		-34 223	Statistical Methodological and statistical
Medical	87		87	87		-34	87	87		87	Methodological and statistical
Passenger fares	294	316	-22	294	316	-22	294	294		-22	Statistical
Other transportation	3,686	3,714	-28	3,692	3,861	-169	3,808	3,808	122	94	
Freight		3,042	-182	2,860	2,804	56	2,842	2,842	-18		
OceanAir		258	-59	199	. 186 . 4	13	173	173	-26	i	Methodological and statistical
Truck	2,478	2,486		2,478	2,486	-8	2,486	2,486	8		Statistical
Other	179	294	-115	179	128	51	179	179		-115	Methodological and statistical
Port services		672	71	797	985	-188	894	894	151	222	
Vessel operators		84 536	-30 99	57 635	132 635	-75	95 635	95 635	41	11	Definitional, methodological, and statistical Methodological
Airline operatorsOther		52	2	105	218	-113	164	164	110		Methodological and statistical
Other	83		83	35	72	-37	72	72	-11	72	Definitional, methodological, and statistical
Out.	1 63		03	1	12	31	12	""	1 211	1 12	perminental, metrodological, and statistica

Table 6.1. Other Services, Northbound

	0	official statistic	cs	definition	n-basis statis al and metho adjustments	dological		d statistics, statistical ments		Total	adjustments to official statistics
	U.S. receipts	Canadian payments	Difference	U.S. receipts	Canadian payments	Difference	U.S. receipts	Canadian payments	United States	Canada	Type of adjustment
2008											
Total	23,592	25,598	-2,006	22,543	24,362	-1,819	25,860	25,860	2,268	262	
Affiliated	8,269	14,408	-6,139	7,688	12,852	-5,164	10,270	10,270	2,001	-4,138	Methodological and statistical
Royalties and license fees	3,818	4,996	-1,178	3,818	4,996	-1, 1 78	(¹)	(')	(')	(¹) (¹)	
Other services	4,451	9,412	-4,961	3,870	7,856	-3,986	(')	(9)	(')	(')	
naffiliated	15,049	11,190	3,859	14,581	11,510	3,071	15,316	15,316	26 7	4,126	
Royalties, license fees, and selected services	3,633	2,612	1,021	3,612	2,584	1,028	3,612	3,612	-21	1,000	Definitional, methodological, and statistical
Insurance Financial services	2,512 3,178	1,234 1,477	1,278 1,701	2,512 3,759	1,155 2,321	1,357 1,438	2,512 3,856	2,512 3,856	678	1,278	Definitional, methodological, and statistical Definitional, methodological, and statistical
Education and training	970	123	847	85	144	-59	95	95	-875	-28	Methodological and statistical
Communications		584		584	439	145	584	584			Methodological and statistical
Computer services		1,034 2,481	-24 -519	1,010 1,798	1,040 2,710	-30 -912	1,010 2.483	1,010 2,483	521	-24	Methodological and statistical Methodological and statistical
Sports and entertainment			-222	947	917	30	932	932	6	_216	Definitional, methodological, and statistical
Other private			-65				302	302		-210 65	Definitional and methodological
Government:											, and the second
United States (nonmilitary)	93		32	93	61		93	93			Statistical
Canada	181	371	-190	181	139	42	139	139	-42	-232	Definitional, methodological, and statistical
.S. military sales	274		274	274		274	274	274		274	Statistical
2009											
Total	23,551	23,225	326	22,390	22,032	358	2 5,143	25,143	1,592	1,918	
ffiliated	7,889	12,979	-5,09 0	7,326	11,390	-4,064	9,358	9,358	1,469	-3,621	Definitional, methodological, and statistical
Royalties and license fees		4,444	-1,074	3,370	4,444	-1,074	(¹) (¹)	(')	(1)	(1)	
Other services	4,519	8,535	-4,016	3, 9 56	6,946	-2,990	(1)	(1)	(')	(1)	
Inaffiliated	15,371	10,246	5,125	14,773	10,642	4,131	15,494	15,494	123	5,248	
Royalties, license fees, and selected services	3,703	2,385	1,318	3.684	2,332	1,352	3,684	3.684	-19	1,299	Definitional, methodological, and statistical
Insurance		1,137	1,482	2,619	1,047	1,572	2,619	2,619		1,482	Definitional, methodological, and statistical
Financial services		1,403	2,024	3,989	2,275	1,714	3,989	3,989	562	2,586	Definitional, methodological, and statistical
Education and training		105 550	915 -95	82 455	125 344	-43	85 455	85	-935	-20	Methodological and statistical Methodological and statistical
Computer services	1.164	874	290	1.164	882	111 282	1,164	455 1,164		-95 200	Methodological and statistical
Business services		2.179	-305	1,652	2.476	-824	2,331	2,331	457	152	Methodological and statistical
Sports and entertainment	834	1,142	-308	853	926	-73	890	890	56	-252	Definitional, methodological, and statistical
Other private		45	-45				***************************************			-45	Definitional and methodological
Government:	400			400		ا ا	,				land the second of
United States (nonmilitary)	102 173	60 366	42 -193	102 173	60 175	42 -2	102 175	102 175	2		Statistical
Odilada			-193	1/3	1/5	-2	1/5	1/5	2	-191	Definitional, methodological, and statistical
I.S. military sales	291		291	201		291	291	291		201	Statistical

^{1.} Royalties and license fees are combined with "other" services for reconciliation.

Table 6.2. Other Services, Southbound

				•		•					
	C	Official statistic	es	definition	n-basis statis lal and metho adjustments	dological	including	d statistics, statistical tments		Total a	djustments to official statistics
	Canadian receipts	U.S. payments	Difference	Canadian receipts	U.S. payments	Difference	Canadian receipts	U.S. payments	Canada	United States	Type of adjustment
2008											
Total	23,039	13,964	9,075	22,010	13,987	8,023	19,297	19,297	-3,742	5,333	
Affiliated	12,582	5,624	6,958	11,219	5,25 5	5,964	8,237	8,237	-4,345	2,613	Definitional, methodological, and statistical
Royalties and license fees Other services	1,193 11,389	207 5,417	986 5,972	1,193 10,026	207 5,048	986 4,978	(¹) (¹)	(')	()	(¹)	
Inaffiliated	10,222	8,099	2,123	10,556	8,491	2,065	10,819	10,819	597	2,720	
Royalties, license fees, and selected services	2,831	1,318	1,513	2,107	1,309	798	2,269	2,269	-562	951	Definitional, methodological, and statistical
Insurance	453	897	-444	184	897	-713	897	897	444		Definitional, methodological, and statistical
Financial services	912	550	362	1,751	919	832	1,344	1,344	432		Methodological and statistical
Education and training	90 351	187 385	97 34	19 207	47 385	-28 -178	47 385	47 385	-43 34	-140	Methodological and statistical Methodological and statistical
Computer services	1,730	1.942	-212	1.730	1.942	-212	1,730	1,730		-212	Statistical
Business services	1,862	2,289	-427	3,166	2,452	714	2,750	2,750	888	461	Definitional, methodological, and statistica
Sports and entertainment Other private	1,410 95	102	1,308 95	904	111	793	904	904	-506 -95	802	Definitional, methodological, and statistica Definitional and methodological
Government: United States (nonmilitary)	64		64	64		64	64	64	***************************************	64	Statistical
Canada	424	429	-5	424	429	-5	429	429	5		Statistical
J.S. defense expenditures	235	241	-6	235	241	-6	241	241	6		Statistical
2009											
Total	20,055	12,801	7,254	19,444	12,708	6,736	17,210	17,210	-2,845	4,409	
Affiliated	10,690	5,160	5,530	9,586	4,844	4,742	7,215	7,215	-3,475	2,055	Definitional, methodological, and statistical
Royalties and license fees	1,078	206	872	1,078	206	872	(2)	(2)	Ω	()	
Other services	9,612	4,954	4,658	8,508	4,638	3,870	(')	(1)	(1)	(1)	
Inaffiliated	9,097	7,324	1,773	9,590	7,547	2,043	9,679	9,679	582	2,355	
Royalties, license fees, and selected services	2,582	1,172	1,410		1,165	762	2,058	2,058	-524	886	Definitional, methodological, and statistical
Insurance	413	877	-464	168	877	-709	877	877	464		Definitional, methodological, and statistica
Financial services	876 90	484 201	392 -111	1,568	800 50	768 -35	1,163 50	1,163 50	287 -40	6/9	Methodological and statistical Methodological and statistical
Education and training		336	-18	183	336	-153	336	336	18		Methodological and statistical
Computer services		1.645	-123	1.522	1,645	-123	1.522	1,522	Ì		Statistical
Business services		2,124	-553	2,876	2,182	694	2,335	2,335	764	211	Definitional, methodological, and statistica
Sports and entertainmentOther private	1,191	82	1,109 75	872	89	783	872	872	-319 -75		Definitional, methodological, and statistical Definitional and methodological
Government:	/5		/3				***************************************				Dominional and methodological
United States (nonmilitary)	63 396	403	63 -7	63 396	403	63 -7	63 403	63 403	7		Statistical Statistical
J.S. defense expenditures	268	317	_49	268	317	-49	317	317	49		Statistical

^{1.} Royalties and license fees are combined with "other" services for reconciliation.

Table 7.1. Investment Income, Northbound

[Millions of U.S. dollars]

	0	fficial statisti	cs	definition	i–basis stati: al and metho adjustments	odological	Reconciled including adjust			То	ital adjustments to official statistics
	U.S. receipts	Canadian payments	Difference	U.S. receipts	Canadian payments	Difference	U.S. receipts	Canadian payments	United States	Canada	Type of adjustment
2008											
nvestment income	56,340	49,145	7,195	56,429	42,487	13,942	49,768	49,768	-6,573	623	
Direct investment income	32,410	22,098	10,312	32,364	20,192	12,172	26,278	26,278	-6.132	4,180	
Earnings of incorporated affiliates	30,666	18,781	11,885	30,620	17,700	12,920	24,161	24,161	-6,505	5,380	
Dividends	17,683	11,864	5,819	17,637	10,784	6,853	14,211	14,211	-3,472		Definitional and statistical
Reinvested earnings	12,983	6,917	6,066	12,983	6,916	6,067	9,950	9,950	-3,033		Statistical
Earnings of unincorporated affiliates	653	1,280	-627	653	1,263	-610	958	958	305		Definitional and statistical
Interest	1,091	2,037	-946	1,091	1,229	-138	1,159	1,159	68	-878	Definitional, methodological, and statistical
Other investment income	23,930	27,047	-3,117	24,065	22,295	1,770	23,490	23,490	-440	-3,557	
Securities	18,700	20,403	-1,703	20,039	19,446	593	20,052	20.052	1,352	054	
Dividends	9.746		2,138	9,746	6,651	3,095	8,508	8,508	~1,352 ~1,238	-351	Definitional and statistical
Interest	8,954	12,795	-3.841	10,293	12,795	-2,502	11,544	11,544	2.590		Definitional and statistical
U.S. claims/Canadian liabilities	5,230	6.644	-1,414	4,026	2,849	1,177	3.438	3,438	-1,792	-3.206	Definitional and statistical
U.S. bank claims	3.362	3,495		2.030	1,466	564	1,748	1.748	-1.614		Methodological and statistical
Other private U.S. claims	1,868			1,996	1,383	613	1,690		-178	-1,459	Definitional, methodological, and statistical
2009											
vestment income	37,355	39,751	-2,398	38,480	36,297	2,183	37,543	37,543	188	-2,208	
Direct investment income	19.865	16.879	2,986	19.834	15,730	4,104	17,782	17.782	-2.083	903	
Earnings of incorporated affiliates	18,441	14,197	4,244	18,410	13,354	5,056	15,881	15,881	-2,560	1,684	
Dividends		9,330	-4,413	4,886	8,487	-3,601	6,686		1,769		Definitional and statistical
Reinvested earnings		4,867	8,657	13,524	4,867	8,657	9,195		-4,329		Definitional and statistical
Earnings of unincorporated affiliates	680			680	1,109	-429	894	894	214		Definitional and statistical
Interest	744	1,559	-815	744	1,267	-523	1,007	1,007	263	-552	Definitional, methodological, and statistical
Other investment income	17,490	22,872	-5,384	18,646	20,567	-1,921	19,761	19,761	2,271	-3,111	
Of which:	45.040	10.050	4.000	47.000	40.000	4.000	40.004	40.001	0.47-	4.50.	
Securities	15,919			17,280	19,200	-1,920	18,394		2,475	-1,564	Definitional and statistical
DividendsInterest	6,809 9,110			6,809 10,471	5,262 13,938	1,547 -3,467	6,190 12,204	6,190 12,204	-619 3,094		Definitional and statistical Definitional and statistical
U.S. claims/Canadian liabilities			-1,345	1,366	1,367	-3,467	1,367	1,367	-202	-1,734	Delinitional and statistical
U.S. bank claims		1,250		794	650	144	722	722	-202 -309		Definitional, methodological, and statistical
Other private U.S. claims	538			572	717	-145	645		107		Definitional, methodological, and statistical

Table 7.2. Investment Income, Southbound

	0	fficial statisti	cs	definition	n-basis statis al and metho adjustments	odological	Reconciled including adjust	statistical		To	tal adjustments to official statistics
	Canadian receipts	U.S. payments	Difference	Canadian receipts	U.S. payments	Difference	Canadian receipts	U.S. payments	Canada	United States	Type of adjustment
2008											
nvestment income	22,620	21,960	660	17,468	20,457	-2,989	19,494	19,494	-3,126	-2,467	
Direct investment income Earnings of incorporated affiliates. Dividends Reinvested earnings. Earnings of unincorporated affiliates. Interest Other investment income	7,771 6,306 3,285 3,021 907 558	8,064 6,648 4,097 2,551 1,202 214	-293 -342 -812 470 -295 344	6,764 7,542 4,283 3,259 -503 -275	3,795 2,551 1,202	-998 1,196 488 708 -1,705 -489	7,263 6,943 4,038 2,905 350 -30	7,263 6,943 4,038 2,905 350 -30	-508 637 753 -116 -557 -588	354 -852	Definitional, methodological, and statistical Methodological and statistical Definitional, methodological, and statistical Definitional, methodological, and statistical
Dividends Interest Canadian claims/U.S. liabilities Canadian bank claims Other private Canadian claims U.S. Government liabilities	9,371 5,944 3,427 4,233 3,347 886 1,245	10,994 6,802 4,192 2,139 1,115 1,024 763	-1,623 -858 -765 2,094 2,232 -138 482	8,690 5,453 3,237 1,017 131 886 997		-1,991 -2,487 -1,349 -1,138 262 -185 447 234	12,231 10,354 6,263 4,091 997 224 773 880	12,231 10,354 6,263 4,091 997 224 773 880	983 319 664 -3,236 -3,123 -113 -365	-640 -539 -101 -1,142 -891 -251	Definitional and statistical Definitional, methodological, and statistical Definitional, methodological, and statistical Methodological and statistical Definitional and statistical
2009											
nvestment income	15,492	17,139	-1,647	11,914	16,895	-4,981	14,639	14,639	-853	-2,501	
Direct investment income Earnings of incorporated affiliates Dividends Reinvested earnings Earnings of unincorporated affiliates Interest	3,568 3,279 1,664 1,615 -395 684	6,715 5,774 1,564 4,210 470 471	-3,147 -2,495 100 -2,595 -865 213	2,368 3,780 1,898 1,882 -1,016 -396		- 4,305 -1,952 376 -2,328 -1,486 -867	4,521 4,756 1,710 3,046 -273 38	4,521 4,756 1,710 3,046 -273 38	953 1,477 46 1,431 122 -646	-1,164 -743	Definitional, methodological, and statistical Methodological and statistical Definitional, methodological, and statistical Definitional, methodological, and statistical
Other investment income Securities Dividends Interest Canadian claims/U.S. liabilities Canadian bank claims Other private Canadian claims U.S. Government liabilities	11,924 8,615 5,309 3,306 2,398 1,700 698 911	176 513		9,546 8,001 4,870 3,131 816 117 699 729	8,927 5,663 3,264 475 397 78	-676 -926 -793 -133 341 -280 621 -91	10,118 8,544 5,346 3,198 799 256 543 775	10,118 8,544 5,346 3,198 799 256 543 775	-1,806 -71 37 -108 -1,599 -1,444 -155 -136	-54 110 80 30	Definitional and statistical Definitional, methodological, and statistical Definitional, methodological, and statistical Methodological and statistical Definitional and statistical

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Gross Domestic Product by State

Advance Statistics for 2009 and Revised Statistics for 1963-2008

By Slavea Assenova, John Broda, and Shane Taylor

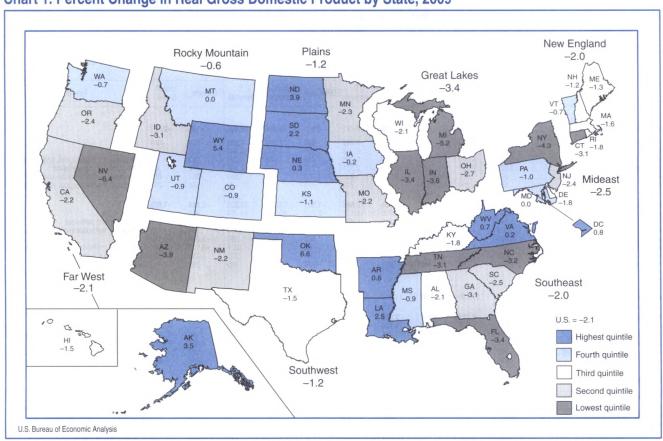
REAL GROSS domestic product (GDP) declined in 38 states and in all eight BEA regions in 2009. The sharpest downturns were in Nevada, where real GDP declined 6.4 percent, and in Michigan, where real GDP declined 5.2 percent (chart 1). Real U.S. GDP by state—a measure of nationwide growth calculated as the sum of GDP of all states deflated by a national price measure—declined 2.1 percent in 2009 after increasing 0.1 percent in 2008 (table 1).1

GDP by state is the most comprehensive measure of overall economic activity in individual states—the

state counterpart to GDP in the national income and product accounts (NIPAs). In November, the Bureau of Economic Analysis (BEA) released advance current-dollar and real (chained-dollar) statistics of GDP by state for 2009.² Additional 2009 highlights include the following:

- Durable-goods manufacturing and construction led the decline in real U.S. GDP by state in 2009.
- •The states hardest hit by the decline in durablegoods manufacturing were in the Great Lakes region.

Chart 1. Percent Change in Real Gross Domestic Product by State, 2009



^{1.} This measure differs conceptually from GDP in the national income and product accounts, though the values are similar. For a description of the differences, see the box "Gross Domestic Product (GDP) by State."

^{2.} For a description of the abbreviated methodology used to generate the advance statistics, see the box "Advance Statistics on Gross Domestic Product (GDP) by State for 2009."

- States that benefited from a strong housing market earlier in the decade were particularly hard hit by the decline in construction in 2009.
- Real GDP growth in 2009 was positive in several states due to growth in agriculture, forestry, fishing, and hunting and in mining.

This article presents industry contributions to regions and states in 2009 and a discussion of key improvements incorporated in the 2010 comprehensive revision to GDP-by-state statistics.

Industry contributions to regions and states

The decline in real GDP across the United States in 2009 was primarily caused by declines in the durable-goods manufacturing and construction sectors. For the nation, durable-goods manufacturing declined 7.5 percent in 2009, ending a run of 7 years of growth. Construction continued the decline that began in

2005, falling 9.9 percent in 2009. Despite a widespread decline in most sectors, some states fared well because of growth in the agriculture, forestry, fishing, and hunting sector and the mining sector (tables 2 and 3).

Industries contributing to the decline. In 2009, the durable-goods manufacturing sector contracted in all eight BEA regions and in 48 states and the District of Columbia. The only two states where this sector contributed positively to growth were in Maryland and Alaska. Durable-goods manufacturing was the largest contributor to the decline in 19 states, including all the states in the Great Lakes region. This industry contributed more than 2 percentage points to the decline in real GDP in Michigan and Indiana, and more than 1 percentage point in Ohio, Wisconsin, Tennessee, and Kentucky.

The construction sector also declined in all eight BEA regions. This sector declined in 45 states and the

Advance Statistics on Gross Domestic Product (GDP) by State for 2009

The advance statistics on GDP by state are based on limited state source data and an abbreviated estimation methodology that differs from the standard methodology used to prepare the state statistics for 1997–2008. These statistics are prepared at the sector level of the North American Industry Classification System (NAICS). Detailed state source data on value added by industry and state and local taxes by industry are not yet available for 2009. The advance 2009 statistics draw heavily on 2009 state earnings by industry, released on September 20, 2010, and on advance 2009 statistics on GDP by industry, released on May 25, 2010. As a result, the advance 2009 statistics on GDP by state are consistent with the national annual industry accounts and the state personal income accounts.

The 2009 advance statistics on current-dollar GDP by state were extrapolated from industry value added (GDP) for 2008, using the change in state earnings by industry from state personal income statistics. For two industries, preliminary source data were incorporated, which significantly improved the accuracy of the advance statistics. The advance statistics for the agriculture, forestry, fishing, and hunting sector incorporated preliminary data on farm sector cash receipts from the U.S. Department of Agriculture, and the advance statistics for the mining sector incorporated preliminary data on value of production and prices from the U.S. Department of the Interior and the U.S. Department of Energy.

The 2009 advance statistics on GDP by state for all sectors were scaled to the advance 2009 statistics on GDP by industry by allocating the difference between the two measures among the states. The sector statistics were then summed to total GDP for the states.

The advance statistics on real GDP by state for detailed industries are derived by applying national chain-type price indexes for value added to the industry values of current-dollar GDP by state. The chain-type index formula that is used in the national accounts is then used to calculate the real values for sectors and total real GDP for the states.

Financial sector activity in the advance statistics

The measured financial sector activity reported in the advance statistics on GDP by state differs from the national income and product account statistics on corporate profits for 2009 because of differences in production schedules and the timing of revisions to source data underlying the state and national statistics as well as concepts, which usually cause some differences between the Bureau of Economic Analysis estimates of national and state level GDP. Usually these differences are not significant; however, in recent years, revisions to reported financial profits have resulted in larger-than-normal differences between the various vintages of national and regional estimates for states with significant financial activities.

Advance statistics are based upon more limited source data and abbreviated estimating methodologies, compared with standard regional statistics. The advance statistics for GDP by state for 2009 will be revised in June 2011 to incorporate a fuller set of source data and a more complete estimating methodology, but profits are likely to continue to be subject to revision until final profits data from the Internal Revenue Service are available in 2012.

Clifford H. Woodruff III

Highest quintile

Fourth quintile

Third quintile

Second quintile Lowest quintile

District of Columbia. It was the leading contributor to the decline in 15 states, including all the states in the Rocky Mountain region. In Arizona, Nevada, and Florida—states that benefited from a strong housing market earlier this decade—construction was a large contributor to the decline. The construction sector contributed more than 1 percentage point to the decline in real GDP in Nevada, Arizona, and Idaho. Although construction contributed less than 1 percentage point to Florida's GDP decline (0.95 percentage point), it was the largest contributor.

Nevada's 6.4 percent decline in real GDP, the largest decline of all the states, reflected declines in accommodation and food services and "real estate, rental, and leasing" as well as construction.

Industries contributing to growth. In contrast to most sectors, the mining sector and the agriculture, forestry, fishing, and hunting sector contributed significantly to real GDP growth in many states.

Real GDP growth in mining resulted from sharp declines in prices for petroleum, natural gas, and other mining products. In Oklahoma, the fastest growing state in 2009 (6.6 percent), mining contributed 7.23 percentage points. In Wyoming, the second-fastest growing state in 2009 (5.4 percent), mining contributed 5.90 percentage points to growth. Mining also contributed 1.66 percentage points to growth in Loui-

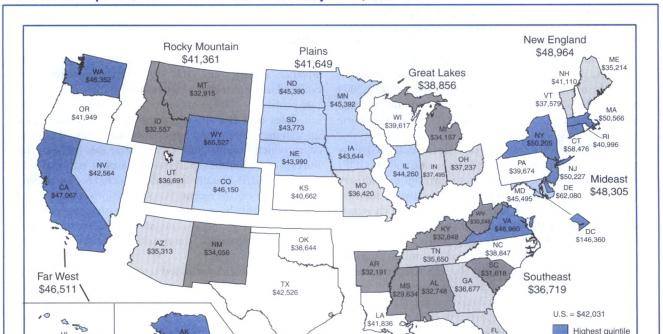
The agriculture, forestry, fishing, and hunting sector was the leading contributor to growth in North Dakota and Nebraska, and it was the second largest contributor to growth in South Dakota.

Per capita real GDP by state

In 2009, per capita real GDP fell in all but seven states. Both slowing or declining state GDP and growing population caused per capita real GDP in most states to fall. Nationwide, per capita real GDP decreased 2.9 percent in 2009, reflecting a decline in real GDP and a population increase of 0.9 percent.

In 2009, the states in the highest quintile of per capita real GDP did not change significantly from 2008. Delaware continued to have the highest per capita real GDP at \$62,080 (table 4 and chart 2).3 The lowest quintile was almost identical to 2008. Mississippi again had the lowest per capita real GDP in the nation at \$29,634.

^{3.} Per capita real GDP by state is computed using Census Bureau midyear population estimates.



Southwest

\$40,408

Chart 2. Per Capita Real Gross Domestic Product by State, 2009

\$45,980

U.S. Bureau of Economic Analysis

Gross Domestic Product (GDP) by State

Gross domestic product (GDP) by state is calculated as the sum of incomes earned by labor and capital and the costs incurred in the production of goods and services; it includes the wages and salaries that workers earn, the income earned by sole proprietorships and partnerships and corporations, and taxes on production and imports—such as sales, property, and federal excise taxes.

In contrast, GDP in the national income and product accounts (NIPAs) is calculated as the sum of spending by consumers, businesses, and government on final goods and services plus investment and net foreign trade. In theory, income earned should equal spending, but because of different data sources, income earned, usually referred to as "gross domestic income (GDI)," does not always equal what is spent (GDP). The difference is referred to as the "statistical discrepancy."

U.S. GDP by state differs from the GDP in national income and product accounts (NIPAs) and thus GDP by industry from the annual industry accounts, because the U.S. GDP by state excludes federal military and civilian activity located overseas, which cannot be attributed to a particular state. The 2009 statistics on GDP by industry are identical to those from the 2009 comprehensive revision of the NIPAs released in July 2009. However, because of revisions since July 2009, NIPA GDP may differ from U.S. GDP by state.

The statistics on GDP by state for industries for 1997 forward are based on the North American Industry Classification System (NAICS), and the statistics for industries for 1963-97 are based on the Standard Industrial Classification (SIC). For each industry, the three components of GDP by state are presented: compensation of employees, taxes on production and imports less subsidies, and gross operating surplus. Compensation of employees is the sum of wage and salary accruals, employer contributions for employee pension and insurance funds, and employer contributions for government social insurance. Taxes on production and imports is the sum of federal excise taxes and customs duties, state and local government sales taxes, property taxes (including residential real estate taxes), motor vehicle licenses, severance taxes, other taxes, and special assessments. Gross operating surplus is the sum of corporate profits, proprietors' income, rental income of persons, net interest, capital consumption allowances, business transfer payments, nontax payments, and the current surplus of government enterprises.

Current-dollar statistics of GDP by state and its components are scaled to equal national totals of current-dollar GDP by industry and its components for all industries except federal military and civilian government. If the national total for an industry differs from the initial sum-of-states total for an industry, the difference between the

national total and the sum-of-states total is allocated to the states according to the state distribution of the initial estimates.

The statistics on real GDP by state are prepared in chained (2005) dollars. Real GDP by state is an inflation-adjusted measure of each state's GDP that is based on national prices of the goods and services produced in that state. The statistics on real GDP by state and on quantity indexes with a base year of 2005 were derived by applying national chain-type price indexes for value added to current-dollar GDP by state for the 64 detailed NAICS-based industries for 1997 forward and for the 63 detailed SIC-based industries for 1977–97.

The chain-type index formula that is used in the national accounts is then used to calculate the values of total real GDP by state and of real GDP by state at more aggregated industry levels. Real GDP by state may reflect a substantial volume of output that is sold to other states and countries. To the extent that a state's output is produced and sold in national markets at relatively uniform prices (or sold locally at national prices), real GDP by state captures the differences across states that reflect the relative differences in the mix of goods and services that the states produce. However, real GDP by state does not capture geographic differences in the prices of goods and services that are produced and sold locally.

BEA is working toward a long-term goal of replacing the national implicit price deflators used to deflate statelevel current-dollar GDP by industry with state-specific prices. A paper posted on BEA's Web site "Estimates of State and Metropolitan Price Parities for Consumption Goods and Services in the United States, 2005" by Bettina H. Aten presents estimates of spatial price deflators that may be used for adjusting price level differences across geographic areas (but not across time). The work is based on microlevel price data from the consumer price index of the Bureau of Labor Statistics and the American Community Survey of the Census Bureau. It represents an important first step in deriving producer-type price indexes—which are the basis for the national implicit price deflators used in BEA's GDP-by-state accounts—at the state level. BEA plans to continue research into developing state-level prices and to explore estimating GDP by state on an expenditures basis.

Clifford H. Woodruff III

^{1.} For additional information, see J. Steven Landefeld and Robert P. Parker, "BEA's Chain Indexes, Time Series, and Measures of Long-Term Economic Growth," Survey of Current Business 77 (May 1997): 58–68; and Gerard P. Aman, George K. Downey, and Sharon D. Panek, "Comprehensive Revision of Gross State Product: Accelerated Estimates for 2003 and Revised Estimates for 1977–2002," Survey 85 (January 2005): 80–106.

Typically, the year-to-year rankings in state per capita real GDP are relatively stable. However, North Dakota and Oklahoma made sizable moves up in the rankings since 2007. North Dakota climbed 11 places to 15th with per capita real GDP of \$45,390 in 2009, roughly the national average. Similarly, Oklahoma climbed 10 places to 30th with per capita real GDP of \$38,644 in 2009. In contrast, the state with the largest drop in the rankings was Nevada, falling 11 places to 20th; its GDP fell in 2008 and 2009 and its population increased 2.9 percent from 2007 to 2009 with per capita real GDP of \$42,564 in 2009.

Comprehensive revision improvements

BEA's November release of GDP by state also provided (1) revised statistics for 2008 at a more detailed industry level, (2) revised statistics for 1997–2007 on the North American Industry Classification System (NAICS), and (3) revised statistics for 1963–97 on the Standard Industrial Classification (SIC). These statistics incorporate the 2010 comprehensive revision of GDP by state. Comprehensive revisions differ from annual revisions in scope and in the number of years subject to revision. Comprehensive revisions are made every 5 years and incorporate more detailed method-

Data Availability

Summary statistics on gross domestic product (GDP) by state in current dollars and in real chained (2005) dollars for 1997–2009 are presented in this article. More detailed statistics for states, BEA regions, and the United States can be accessed interactively on BEA's Web site.

The following annual statistics are available at www.bea.gov/regional/gsp:

- Advance statistics on current-dollar GDP by state, real GDP by state in chained (2005) dollars, and quantity indexes for 2009 for 24 NAICS-based sectors.
- GDP by state in current dollars, real GDP by state in chained (2005) dollars, and quantity indexes for 1997–2008 for 81 NAICS-based subsectors.
- Current-dollar statistics of compensation of employees, taxes on production and imports less subsidies, taxes on production and imports, subsidies, and gross operating surplus for 1997–2008 for 81 NAICS-based subsectors.
- Per capita real GDP by state in chained (2005) dollars for 1997–2009.

For further information, call 202–606–5340 or e-mail gdpbystate@bea.gov.

ological and statistical changes than annual revisions.

The 2010 comprehensive revision of GDP by state introduced two major types of improvements to BEA's regional accounts: (1) an updated industry classification and (2) statistical changes that incorporate new and improved methodologies and newly available and revised source data. Significant changes introduced with this comprehensive revision include the following:

- Updated industry definitions based on the 2002 NAICS.
- Results of the 2009 comprehensive revision of the national income and product accounts, the 2010 comprehensive revision of the annual industry accounts, and the 2009 comprehensive revision of state personal income. ⁵
- •New data sources to better allocate national economic activity across states for utilities, air transportation, freight rail transportation, and state and local government.
- Improved use of economic census data on taxexempt establishments to allocate national economic activity across states for services-producing industries.
- Improved statistical methods for the federal enterprises of flood and crop insurance to improve consistency with the national income and product accounts.

In addition to the improvements made as part of the comprehensive revision, the revised GDP by state

Acknowledgments

The statistics of gross domestic product (GDP) by state were prepared by staff in the Regional Product Division under the direction of Charles Ian Mead, Chief, and Clifford H. Woodruff III, Chief of the Regional Product Branch. Joel D. Platt, Associate Director for Regional Economics, provided general guidance. Contributing staff members were Sharon D. Panek, Chief of the GDP by State Services Section, Zheng (Catherine) Wang, Chief of the GDP by State Goods Section, Slavea A. Assenova, Jonathan Avery, Frank T. Baumgardner, John E. Broda, LeRoynda Brooks, Caitlin E. Coakley, Jacob R. Hinson, Yolanda B. Langford, Ralph M. Rodriguez, Todd P. Siebeneck, and Shane T. Taylor.

^{4.} The advance statistics for 2008 were released in June 2009; thus, the 2008 statistics are revised.

^{5.} See Matthew M. Donahoe, Edward T. Morgan, Kevin J. Muck, and Ricky L. Stewart, "Annual Industry Accounts: Advance Statistics on GDP by Industry for 2009 and Revised Statistics for 1998–2008, Comprehensive Revision," Survey of Current Business 90 (June 2010): 14–29; Robert Kornfeld, "Initial Results of the 2009 Comprehensive Revision of the National Income and Product Accounts," Survey 89 (August 2009): 6–49; Robert L. Brown, "Regional Quarterly Report: State Personal Income and the Comprehensive Revision," Survey 89 (November 2009): 71–108.

statistics incorporate new and revised state source data, most notably, new data from the Census Bureau's Economic Census for 2007 and the Annual Survey of Manufactures for 2008.

Current-dollar statistics for 1998–2002. Revisions to the current-dollar statistics, measured as a percentage of the previously published data, were fairly small for most states. The mean absolute revision for 1998–2002 for the United States was 1.2 percent (table 5). In 37 states and the District of Columbia, the mean absolute revisions were 2 percent or less. The largest downward revision was in Alaska in 2000 (4.1 percent), which was mainly due to a downward revision to oil and gas extraction. The largest upward revision was in South Dakota in 2001 (5.3 percent), which was due to an upward revision in Federal Reserve banks, credit intermediation, and related services.

Current-dollar statistics for 2002–2007. Revisions for 2002–2007 were generally larger than the revisions for 1998–2002. For 2002–2007, the mean absolute revision for the United States was 1.7 percent. Twenty-three states and the District of Columbia had a mean absolute revision of 2 percent or less; 41 states and the District of Columbia had a mean absolute revision of 3 percent or less. The largest revisions over this period came in 2005, when the revisions ranged from –5.0 percent for Delaware to 7.7 percent for Louisiana. For Delaware, the revision was mainly due to a downward revision to rental and leasing services. For Louisiana,

the revision was due to an upward revision to petroleum and coal products manufacturing.

Real (chained-dollar) statistics. The real GDP growth rates for 2008 correctly identified the direction of change in 40 states and the District of Columbia and whether a state grew at a faster or slower pace than U.S. real GDP growth for 39 states and the District of Columbia.

Revisions to the real GDP growth rates for 1998–2008 primarily reflect revisions to the current-dollar statistics, some of which are mentioned above. The revisions to the real GDP growth rates were measured as a percentage point difference from the previously published growth rate. For 2008, only two states had a revision of 2 percentage points or greater (in absolute terms); the mean absolute revision was 0.8 percentage point (table 6). The states with the largest absolute revisions were Montana (2.5 percentage points), Wyoming (2.2 percentage points), Nevada (1.9 percentage points), and Delaware (1.9 percentage points).

In 2006 and 2007, the revisions to Louisiana was due to significant upward revisions to petroleum and coal products manufacturing in 2005 (a revision in 2005 affects the 2006 growth rate) and 2006 and downward revisions to mining in 2006 and 2007. In 2007, the downward revisions in real GDP growth for North Dakota and South Dakota are primarily due to downward revisions in crop and animal production (farms).

Appendix A and tables 1-9 follow.

Appendix A. Industries for Which Gross Domestic Product by State Is Available

	2002 NAICS code		2002 NAICS code
Private industries		Information	51
		Publishing including software	511, 516
Agriculture, forestry, fishing, and hunting	11	Motion picture and sound recording industries	512
Crop and animal production	111, 112	Broadcasting and telecommunications	515, 517
Forestry, fishing, and related activities	113–115	Information and data processing services	518, 519
Mining	21	Finance and insurance	52
Oil and gas extraction		Federal Reserve banks, credit intermediation and related services	521, 522
Mining, except oil and gas	212	Securities, commodity contracts, investments	523
Support activities for mining	213	Insurance carriers and related activities	524
		Funds, trusts, and other financial vehicles	525
Utilities	22	Book and the state of the state	
0		Real estate, rental, and leasing	53
Construction	23	Real estate	531 532, 533
Manufacturing	3–33	Tiernal and leasing services and lessons of finangine assets	332, 333
•		Professional and technical services	54
Durable goods	33, 321, 327	Legal services	5,411
Wood product manufacturing	321	Computer systems design and related services	5,415
Nonmetallic mineral product manufacturing	327	Other professional, scientific and technical services	5412-5414, 5416-5419
Primary metal manufacturing	331		
Fabricated metal product manufacturing	332	Management of companies and enterprises	55
Machinery manufacturing	333		
Computer and electronic product manufacturing	334	Administrative and waste services	56
Electrical equipment and appliance manufacturing	335	Administrative and support services	561
Motor vehicle, body, trailer, and parts manufacturing	3361-3363	Waste management and remediation services	562
Other transportation equipment manufacturing	3364–3366, 3369 337	F-1	
Miscellaneous manufacturing	339	Educational services	61
Misocial loods Mandadaning	555	Health care and social assistance	62
Nondurable goods	31, 32 (excludes 321, 327)	Ambulatory health care services	621
Food product manufacturing		Hospitals and nursing and residential care facilities	622, 623
Textile and textile product mills		Social assistance	624
Apparel manufacturing	315, 316		-
Paper manufacturing	322	Arts, entertainment, and recreation	71
Printing and related support activities	323	Performing arts, museums, and related activities	711, 712
Petroleum and coal products manufacturing	324	Amusements, gambling, and recreation	713
Chemical manufacturing	325		
Plastics and rubber products manufacturing	326	Accommodation and food services	72
Wholesale trade	42	Accommodation	721 722
		.	766
Retail trade	44, 45	Other services, except government	81
Transportation and warehousing, excluding Postal Service	48, 49	Government	92
Air transportation	481	Federal civilian	
Rail transportation		Federal military	
Water transportation			
Truck transportation			
Transit and ground passenger transportation	485		
Pipeline transportation	486		
Other transportation and support activities	487, 488, 492		
Warehousing and storage			

NAICS North American Industry Classification System

Table 1. Percent Change in Real Gross Domestic Product (GDP) by State, 2006–2009 [Percent]

	2006	2007	2008	2009 *
United States 1	2.7	2.1	0.1	-7
New England	2.1	1.9	0.9	-2
Connecticut	3.6	3.1	0.9	
	1.3	1.0	0.9	
Maine				
Massachusetts	1.5	2.0	1.2	
New Hampshire	1.5	1.0	0.2	<u>-</u> -
Rhode Island	1.8	-1.0	-1.1	
Vermont	1.2	0.1	2.0	-(
Mideast	2.8	1.9	0.5	- :
Delaware	0.9	0.9	0.3	
	1.4	1.9	1.7	
District of Columbia				
Maryland	1.7	1.8	0.9	(
New Jersey	2.5	1.4	0.3	-4
New York	4.2	2.0	0.3	
Pennsylvania	1.5	2.4	0.8	
Great Lakes	0.5	1.4	-0.6	-
	2.4			
Illinois		1.6	-0.2	-5
Indiana] 1.1	3.1	0.1	7
Michigan	-2.0	0.4	-2.7	
Ohio	-0.9	1.0	-0.7	-1
Wisconsin	1.7	1.4	1.3	− 2
	4.4	0.5	0.0	
Plains	1.1	2.5	2.2	-
lowa	0.9	5.0	3.2	_(
Kansas	3.5	4.7	1.6	<u>-</u> -
Minnesota	0.2	0.7	1.8	-1
Missouri	0.2	1.2	1.5	-2
Nebraska	2.7	3.9	1.8	·
North Dakota	2.4	4.1	7.5	
South Dakota	0.4	4.6	4.6	
Juditi Dakola		4.0	4.0	
Southeast	2.5	1.1	-0.8	;
Alabama	1.8	1.4	0.9	
Arkansas	2.7	1.0	1.0	i
Florida	3.9	1.0	-3.0	
Georgia	1.9	2.4	-1.9 -1.9	
	2.3	0.4	0.9	
Kentucky				-
Louisiana	-2.2	-4.3	-0.6	
Mississippi	1.9	3.3	2.9	-
North Carolina	4.3	2.3	-0.6	-
South Carolina	1.5	3.0	-0.3	-:
Tennessee	2.7	0.2	0.3	
Virginia	1.9	1.1	0.5	l i
West Virginia	1.4	1.2	2.4	i
·				
Southwest	5.1	3. 9	0.5	
Arizona	7.2	3.0	-1.5	
New Mexico	2.2	0.0	1.0	-:
Oklahoma	4.9	1.7	3.8	
Texas	4.8	4.6	0.5	<u> </u>
	- 1			
Rocky Mountain	3.8	3. 8	1.6	-
Colorado	2.6	2.9	1.9	-
Idaho	1.6	4.5	0.5	-
Montana	2.6	4.6	-0.7	
Utah	6.6	5.8	0.7	
Wyoming	9.3	2.2	6.6	
Far West	3.9	2.4	0.1	+
Alaska	5.4	1.2	-0.2	
California	3.3	1.8	0.0	
Hawaii	3.6	1.8	0.8	
Nevada	4.1	3.1	-2.5	-
Oregon	10.0	3.6	0.7	
CIONOL	10.0	ე. ა.ი	U.7	· ~
Washington	4.4	5.5	1.4	1

located overseas (because it cannot be attributed to a particular state). In addition, the advance estimate (2009) may differ because of different sources and vintages of data used to estimate GDP by state.

^{*} Advance statistics

1. The U.S. values may differ from the National Income and Product Account (NIPA) values because of revisions to the NIPA values as well as the GDP-by-state accounts excluding Federal military and civilian activity

Table 2. Contributions to Percent Change in Real

[Percentage

	Percent change in real GDP by state	Agriculture, forestry, fishing, and hunting	Mining	Utilities	Construction		Nondurable- goods manufacturing	Wholesale trade	Retail trade	Transportation and warehousing
United States 1	-2.1	0.05	0.07	0.06	-0.44	-0.48	-0.20	-0.06	-0.27	-0.08
New England	-2.0	(D)	(D)	0.04	-0.33	-0.22	-0.34	-0.03	-0.18	-0.05
Connecticut	-3.1	0.01	-0.01	-0.03	-0.32	-0.25	-0.58	-0.05	-0.18	-0.09
Maine	-1.3	(D)	(D)	-0.02	-0.35	-0.34	-0.48	0.06	-0.16	0.00
Massachusetts	-1.6	0.00	0.00	0.09	-0.34	-0.14	-0.19	-0.06	-0.14	-0.04
	-1.0 -1.2	0.00	-0.01	0.03	-0.34	-0.14	-0.19			
New Hampshire								-0.07	-0.30	-0.02
Rhode Island	-1.8	0.01	0.01	0.06	-0.28	-0.45	-0.26	0.08	-0.25	-0.04
Vermont	-0.7	-0.09	0.08	0.11	-0.24	-0.15	-0.25	0.14	-0.26	-0.02
Mideast	-2.5	(D)	(D)	0.00	-0.16	-0.20	-0.27	0.00	-0.18	-0.04
Delaware	-1.8	l 2aí	(D)	0.08	-0.42	-0.21	-0.16	-0.01	-0.18	-0.04
District of Columbia	0.8	0.00	0.00	0.07	-0.01	0.00	0.00	0.03	-0.02	0.00
Maryland	0.0	0.01	-0.06	-0.09	-0.26	0.11	-0.22	0.03	-0.25	-0.03
	-2.4	0.01	0.00	-0.03	-0.30	-0.16	-0.39	-0.04		-0.09
New Jersey									-0.27	
New York	-4.3	-0.01	0.00	0.03	-0.07	-0.14	-0.27	-0.02	-0.17	-0.05
Pennsylvania	-1.0	0.00	0.03	-0.02	-0.18	-0.56	-0.26	0.03	-0.13	0.00
Great Lakes	-3.4	0.08	-0.01	0.05	-0.34	-1.53	0.42	-0.12	-0.25	-0.13
Illinois	-3.4	0.15	-0.03	0.00	-0.38	-0.83	-0.29	-0.08	-0.30	-0.12
Indiana	-3.6	0.16	0.00	0.11	-0.39	-2.29	-0.67	-0.12	-0.20	-0.12
	-5.2	0.02	0.00	0.09	-0.40	-2.31		-0.12	-0.28	-0.10 -0.14
Michigan							-0.41			
Ohio	-2.7	0.04	-0.02	0.05	-0.21	-1.57	-0.40	-0.08	-0.23	-0.18
Wisconsin	-2.1	-0.04	0.03	0.07	-0.35	-1.24	-0.50	-0.03	-0.18	-0.05
Plains	-1.2	0.30	-0.02	0.05	-0.27	-0.56	-0.50	0.07	-0.14	-0.13
lowa	-0.2	0.45	-0.01	0.03	-0.25	-0.93	-0.52	0.13	-0.02	-0.01
Kansas	-1.1	0.42	-0.07	0.14	-0.21	-0.73	-0.31	0.18	-0.23	-0.12
Minnesota	-2.3	0.03	-0.03	0.05	-0.38	-0.38	-0.26	-0.08	-0.21	-0.20
	-2.2 -2.2	0.03	-0.02	0.03	-0.44	-0.46	-0.20 -0.99	0.00	-0.14	-0.12
Missouri	0.3	0.13	-0.02	-0.20	0.05					
Nebraska						-0.45	-0.41	0.20	-0.14	-0.28
North Dakota	3.9	1.10	0.12	0.16	0.39	-0.69	-0.05	0.59	0.04	0.17
South Dakota	2.2	0.77	0.04	0.03	0.06	-0.58	-0.10	0.23	-0.04	0.02
Southeast	-2.0	0.05	0.06	0.07	-0.56	-0.46	-0.35	-0.07	-0.28	-0.10
Alabama	-2.1	0.09	-0.04	0.01	-0.47	-0.84	-0.41	-0.14	-0.28	-0.11
Arkansas	0.6	-0.01	0.37	0.06	-0.03	-0.86	~0.39	0.21	-0.12	-0.23
Florida	-3.4	0.04	-0.08	0.10	-0.95	-0.22	-0.14	-0.12	-0.12	-0.23
		0.04	-0.06 -0.01	0.10	-0.68					
Georgia	-3.1					-0.36	-0.62	-0.17	-0.32	-0.14
Kentucky	-1.8	0.10	-0.55	0.15	-0.17	-1.02	-0.46	-0.06	-0.11	-0.12
Louisiana	2.5	0.00	1.66	0.08	0.18	-0.24	1.30	0.03	-0.14	-0.14
Mississippi	-0.9	0.05	0.16	0 .07	-0.55	-0.57	0.12	0.03	-0.26	-0.02
North Carolina	-3.2	0.11	0.01	- 0 .01	-0.67	-0.50	-1.13	-0.02	-0.29	-0.09
South Carolina	-2.5	0.02	0.01	0.12	-0.77	-0.52	-0.61	-0.19	-0.34	-0.11
Tennessee	-3.1	0.06	-0.01	0.05	-0.58	-1.12	-0.55	-0.19	-0.37	-0.23
Virginia	0.2	0.01	-0.05	0.04	-0.29	-0.14	-0.35	0.05	-0.19	-0.02
West Virginia	0.7	0.01	-0.36	0.25	-0.15	-0.29	-0.24	0.16	-0.02	-0.02
•		1			l	1		1		
Southwest	-1.2	0.02	0.22	0.06	-0.62	-0.36	-0.07	-0.04	-0.26	-0.04
Arizona	-3.9	0.00	-0.17	0.09	-1.50	-0.18	-0.13	-0.05	-0.56	-0.04
New Mexico	-2.2	0.06	-1.46	0.14	-0.59	-0.17	-0.02	-0.09	-0.29	0.22
Oklahoma	6.6	0.05	7.23	0.22	-0.07	-0.73	0.08	-0.06	-0.12	0.07
Texas	-1.5	0.01	-0.47	0.02	-0.49	-0.37	-0.07	-0.03	-0.21	~0.03
					-0.68	I				-0.08
Rocky Mountain	-0.6	0.04	0.59	0.06		-0.22	-0.06	-0.08	-0.32	
Colorado	-0.9	0.05	0.27	0.05	-0.55	-0.10	-0.20	-0.17	-0.29	-0.06
Idaho	-3.1	-0.14	-0.03↓	0.03	-1.10	-0.60	-0.14	0.04	-0.50	0.00
Montana	0.0	0.32	-0.33	0.17	-0.60	-0.27	0.41	0.04	-0.29	-0.12
Utah	-0.9	-0.03	0.16	0.05	-0.79	-0.34	-0.01	-0.01	-0.33	-0.06
Wyoming	5.4	0.18	5.90	0.10	-0.63	-0.04	0.47	-0.02	-0.22	-0.32
Far West	-2.1	0.01	0.07	0.10	-0.57	-0.16	0.25	-0.11	-0.44	-0.07
	-2.1 3.5				0.12					
Alaska		0.02	0.50	0.13		0.01	0.11	0.09	-0.08	0.67
California	2.2	0.02	0.07	0.10	-0.51	-0.06	0.38	-0.14	-0.49	-0.08
Hawaii	-1.5	0.07	0.00	0.21	-0.62	-0.03	0.00	0.03	-0.21	-0.28
Nevada	-6.4	0.02	0.26	0.05	-1.88	-0.50	-0.11	-0.15	-0.54	-0.01
Oregon	-2.4	-0.05	0.01	0.05	-0.54	-0.72	-0.18	-0.03	-0.30	-0.14
	-0.7	0.01	0.04	0.13	-0.54	-0.34	-0.09	0.03	-0.29	-0.03

sions to the NIPA values as well as the GDP-by-state accounts excluding Federal military and civilian activity located overseas (because it cannot be attributed to a particular state). In addition, the advance estimate (2009) may differ because of different sources and vintages of data used to estimate GDP by state.

 ^{*} Advance statistics
 (D) Data are suppressed to avoid disclosure of confidential information.
 1. The U.S. values may differ from the National Income and Product Account (NIPA) values because of revi-

Gross Domestic Product (GDP) by State, 2009 * points]

Information	Finance and insurance	Real estate, rental, and leasing	Professional and technical services	Management of companies	Administrative and waste services	Educational services	Health care and social assistance	Arts, entertainment, and recreation	Accommodation and food services	Other services	Government
0.07	-0.23	-0.29	-0.13	-0.05	-0.19	-0.01	0.12	-0.02	-0.10	-0.12	0.20
0.04	-0.36	-0.13	-0.21	-0.02	-0.19	-0.04	0.14	-0.03	-0.07	-0.10	0.07
0.02 0.00	-0.84 0.26	-0.40 0.06	-0.23 -0.08	-0.02 -0.16	-0.18 -0.04	0.01 0.02	0.06	-0.02 -0.03	-0.05 -0.05	-0.09 -0.09	0.08 0.07
0.00	-0.20	0.08	-0.06 -0.23	0.16	-0.04 -0.25	-0.02	0.11 0.20	-0.03 -0.04	-0.05	-0.09 -0.09	0.07
0.15	-0.31 0.21 0.07	0.03 -0.05 -0.40	-0.23 -0.28 -0.04 -0.02	0.01 0.00 -0.22 0.07	-0.25 -0.05 -0.08 -0.11	0.07 0.06	0.22	-0.02	-0.03	-0.15	0.21
0.18	0.07	-0.40	-0.04	-0.22	-0.08	-0.06	0.09	-0.03	-0.09	-0.10	-0.01
0.12	-0.09	-0.01			-0.11	-0.06	0.18	0.00	-0.16	-0.15	0.20
0.10 0.01	-1.21 0.00	-0.40 -0.57	-0.11 -0.18	-0.03 -0.16	-0.14 -0.13 -0.05	-0.03 -0.02	0.09 0.12	-0.01 0.00	-0.07 -0.07	-0.09 -0.07	0.24 0.16
-0.06	-0.45 0.05 -0.20 -2.78	_0.21	-0.30	0.01	-0.05	-0.05	0.11	0.03	0.00	-0.04	1.70
0.09	0.05	-0.30 -0.59 -0.40	0.39	0.04	-0.09	-0.01	0.13	0.00	-0.07	-0.08	0.57
-0.01 0.17	-0.20 -2.78	-0.59 -0.40	-0.15 -0.28	0.13 -0.16	-0.17 -0.14	-0.01 -0.03	0.00 0.11	-0.02 -0.02	-0.13 -0.05	-0.10 -0.08	0.11 0.10
0.10	0.17	-0.28	-0.11 -0.18 -0.30 0.39 -0.15 -0.28 0.03	0.07	-0.09 -0.17 -0.14 -0.15	-0.03	0.12	0.02	-0.07	-0.10	0.10
-0.01	0.01	-0.11	-0.27	-0.05	-0.28	-0.01	0.07	-0.03	-0.08	-0.13	0.14
-0.05 0.06	-0.37 0.09	-0.46	- 0.27 -0.29 -0.06	-0.01	-0.33 -0.18	0.00	0.08	-0.03	-0.09	-0.12	0.19
0.06 -0.14	0.09 -0.04	-0.01 0.21	-0.06 -0.72	-0.03 -0.13	-0.18	0.00 -0.03	0.09 0.01	-0.05 -0.04	-0.05 -0.10	-0.13 -0.18	0.17 0.10
0.03	0.33	0.01	-0.10	-0.09	-0.34 -0.25 -0.21	-0.03 -0.01	0.10	-0.02	-0.10 -0.08	-0.18 -0.13	0.10
0.10	0.33 0.39	-0.01	-0.10 -0.10	0.05		-0.01	0.08	-0.02	-0.06	-0.11	0.12
0.10	0.37 0.56	-0.03	-0.05 0.03	-0.47 0.00	-0.11	-0.02	0.13	-0.01	-0.05	-0.11	0.27 0.29
0.07 -0.41	0.56	0.09 -0.03	0.03	0.00 -0.08	-0.03 -0.14	-0.01 -0.02	0.05 0.10	-0.02 0.00	-0.06 -0.03	-0.06 -0.13	0.29
0.08	0.20	-0.15	-0.18	-0.72	-0.14 -0.17	-0.02 -0.01	0.10	-0.03	-0.03 -0.09	-0.13 -0.12	0.38 0.10
0.41	0.40	-0.10	-0.07	-0.99	-0.09	-0.02	0.13	0.00	-0.06	-0.14	0.30
-0.01 0.29	0.42	0.06 0.35	0.10 0.09	0.07 0.05	-0.11	0.03 0.01	0.03	0.01	-0.02	-0.07	0.38 0.54
0.09	0.20 0.21 0.40 0.42 0.48 0.93	0.35	0.09	-0.05 -0.01	-0.11 -0.01 -0.09	-0.01 -0.01	0.20 0.16	0.01 0.01	0.09 0.02	-0.05 -0.08	0.54 0.45
	-0.01	-0.31	0.00	0.01	-0.16	-0.01	0.10	-0.03	-0.09	-0.13	0.19
0.06 -0.06	0.14	_0.18	l 0.15	0.06	-0.17	0.00	0.02	0.00	-0.02	-0.13	0.30
0.69 0.00	0.17	0.02	0.02	0.27	-0.03	0.00	0.10	0.00	0.02	-0.11	0.46 0.02
0.00	-0.17 -0.08	0.02 -0.63 -0.62	0.02 -0.24 -0.14	0.00 0.04	-0.21 -0.22	0.00 -0.02	0.07 0.16	-0.04 0.00	-0.21 -0.10	−0.17 −0.10	0.02
0.08 -0.03	0.17	-0.16	0.06	0.06 0.03	-0.16 -0.14	0.00	0.16	-0.01	0.00	-0.09	0.26
-0.03 0.03	0.08	-0.16 -0.39 -0.01 -0.29 -0.25	0.06 -0.05 -0.07 -0.06	0.03	-0.14	0.00	0.17 0.10	-0.19 -0.05	0.13 -0.19	-0.10	0.23
0.03	0.15 -0.32 0.26	-0.01	-0.07 -0.06	-0.12	-0.14 -0.16	-0.00 -0.01	0.10	0.00	-0.19 -0.06	-0.13 -0.13	0.35 0.33 0.32
0.11 0.09	0.26	-0.25	-0.06	-0.01	-0.20	-0.01	0.04	-0.04	-0.12	-0.14	0.32
0.02 0.03	1 0.23	-0.15 0.15	-0.03 0.63	0.02 0.00	-0.19	-0.01	0.15	-0.03	-0.08	-0.14	0.03 0.35
0.03	0.12	0.15	0.03	0.00	-0.04 0.02	-0.01 0.01	0.09 0.31	-0.01 0.04	-0.07 -0.02	-0.10 -0.07	0.35
0.06			-0.12	0.02	-0.22	0.00	0.19	0.02	-0.03	-0.09	0.40
0.10	0.06	−0.39 −0.67	-0.22 0.10 -0.04	-0.02	-0.37	0.03	0.09	-0.02	-0.19	-0.14	-0.05
0.03 0.04	0.26 0.26	-0.43 -0.57 -0.30	0.10	0.02	-0.12	-0.03	0.23	-0.01	-0.03	-0.15	0.60
0.04	0.26	-0.57 -0.30	-0.04 -0.12	0.00 0.03	-0.30 -0.18	-0.01 0.00	0.08 0.22	0.08 0.02	0.02 -0.01	-0.14 -0.07	0.56 0.47
0.24	0.16	_0.38	-0.05	0.06	-0.18	-0.01	0.17	-0.01	-0.14	-0.12	0.40
0.24 0.35 -0.01	0.06	-0.38 -0.37 -0.68 -0.13	-0.08 0.07 -0.03	0.12 -0.05	-0.21 -0.15 -0.04	-0.02	0.15	-0.02	-0.15	-0.12	0.43 0.14
-0.01	0.10	-0.68	0.07	-0.05	-0.15	0.00	0.23	-0.04	-0.15	-0.12	0.14
0.13 0.18	0.45	-0.13 -0.33	-0.04	0.03 0.01	-0.04 -0.19	0.00 -0.01	0.27 0.20	0.01 0.00	-0.08 -0.13	-0.10 -0.12	0.40 0.39
0.09	-0.01	-0.41	-0.07	-0.01	-0.09	0.00	0.07	0.01	-0.14	-0.08	0.61
0.08 0.08	-0.17	-0.38	-0.24 0.17			0.00	0.15	-0.05	-0.20	-0.14	0.04
0.08	-0.17 0.26 -0.22	- 0.38 0.49 - 0.3 9	0.17	0.02	0.04	-0.02	0.21	-0.02	-0.12	-0.01	0.78
0.03	-0.22 0.12	-0.39 -0.89	-0.31 0.01	-0.03	-0.24 -0.04	0.00 0.00	0.15 0.15	-0.04 -0.05	-0.15 -0.59	-0.15 -0.14	-0.09 0.59
-0.03 -0.05 -0.02	0.12 -0.13 0.08 -0.13	-0.68 -1.02 -0.23 -0.18	0.01 -0.33 -0.10 -0.02	-0.03 -0.04 -0.34 -0.08 -0.04	-0.04 -0.26 0.21 -0.15	0.01	0.06	-0.22	-1.16	-0.13	0.08
-0.02	0.08	-0.23	-0.10	-0.08	0.21	-0.01	0.05	-0.03	-0.12	-0.15	0.27
0.55	-0.13	-0.18	-0.02	-0.04	-0.15	-0.02	0.22	-0.05	-0.08	-0.11	0.44

Table 3. Contributions to Percent Change in Real Gross Domestic Product (GDP) by State by Industry Group, 2006–2009 [Percentage points]

		2006			2007			2008			2009 *	
	Private goods- producing industries 1	Private services- producing industries 2	Government	Private goods- producing industries 1	Private services- producing industries ²	Government	Private goods- producing industries 1	Private services- producing industries 2	Government	Private goods- producing industries ¹	Private services- producing industries 2	Government
United States 3	0.53	2.12	0.07	0.21	1.70	0.16	-0.49	0.40	0.24	-1.00	-1.30	0.20
New England	0.72	1.42	-0.05	0.16	1.71	0.07	-0.59	1.33	0.14	-0.88	-1.18	0.07
Connecticut	1.49	2.06	0.06	0.10	2.91	0.11	-0.89	1.69	0.09	-1.14	-2.09	0.08
Maine	-0.12 0.50	1.5 4 1.10	-0.16 -0.10	0.29 0.45	0.70 1.56	-0.03 0.03	-0.42 -0.56	1.14 1.59	0.16 0.15	-1.18 -0.67	-0.15 -0.97	0.07 0.04
Massachusetts New Hampshire	-0.05	1.50	0.04	0.45	0.64	0.03	-0.36 -0.16	0.19	0.13	-0.07	-0.42	0.04
Rhode Island	0.67	1.22	-0.11	0.98	-0.18	0.11	-0.59	-0.61	0.08	-0.98	-0.85	-0.01
Vermont	0.84	0.33	0.00	-1.25	1.41	-0.04	0.51	1.12	0.38	-0.65	-0.25	0.20
Mideast	0.05	2.86	-0.09	0.13	1.60	0.20	-0.37	0.69	0.19	-0.65	-2.12	0.24
Delaware	-0.57	1.66	-0.13	0.45	0.11	0.31	-1.63	1.95	0.03	-0.72	-1.21	0.16
District of Columbia	-0.13 0.01	1.93 1.52	-0.41 0.21	-0.07 0.19	2.34 1.37	-0.32 0.23	0.06 -0.26	0.26 0.74	1.39 0.43	-0.02 -0.42	-0.91 -0.14	1.70 0.57
Maryland New Jersey	0.04	2.43	-0.01	0.13	0.96		-0.52	0.74	0.43	-0.84	-1.67	0.11
New York	0.27	4.01	-0.12	0.14	1.67	0.21	-0.19	0.30	0.15	-0.50	-3.87	0.10
Pennsylvania	-0.25	1.95	-0.20	0.09	2.20	0.10	-0.62	1.37	0.06	-1.02	-0.26	0.24
Great Lakes	-0.35	0.75	0.06	0.76	0.90	-0.27	-1.06	0.37	0.09	-2.22	-1.34	0.14
Illinois	-0.05 -0.76	2.44 0.35	-0.03 1.52	0.14 4.07	1.56 0.53	-0.05 -1.53	-0.42 -1.19	0.12 1.12	0.08 0.17	-1.39 -3.20	-2.16 -0.60	0.19
Indiana Michigan	-0.76	-0.65	-0.40	1.08	-0.42	-0.30	-1.19	-0.95		-3.20	-2.16	
Ohio	-0.50	-0.16	-0.25	-0.14	1.11	-0.01	-1.37	0.60	0.06	-2.17	-0.64	0.10
Wisconsin	0.65	1.02	0.08	0.02	1.33	0.05	-0.80	1.91	0.15	-2.10	-0.08	0.12
Plains	0.19	0.73	0.13	0.26	2.33	-0.05	0.61	1.44	0.15	-1.04	-0.40	0.27
lowa	1.16	-0.25	0.03	0.45	4.57	-0.02	1.21	1.83	0.20	-1.27	0.74	0.29
Kansas Minnesota	1.58 -0.29	1.59 0.51	0.32 0.02	1.60 -0.86	2.73 1.71	0.42 -0.18	-0.18 0.65	1.56 0.99	0.26 0.11	-0.89 -1.03	-0.56 -1.41	0.38 0.10
Missouri	-0.55	0.64	0.13	-0.19	1.31	0.04	-0.30	1.56		-1.77	-0.73	0.30
Nebraska	0.58	1.61	0.51	1.42	2.86	-0.36	0.80	0.89	0.12	-0.12	0.05	0.38
North Dakota	1.14	1.20	0.03	1.59	3.01	-0.46	4.89	3.29	-0.69	0.87	2.46	0.54
South Dakota	-0.95	1.52	-0.11	2.59	2.43	-0.37	2.82	1.81	-0.05	0.19	1.59	0.45
Southeast	0.23 -0.19	2.14 1.74	0.10 0.29	-0.60 - 0.43	1. 34 1.29	0.34 0.56	-0.9 2 -0.17	-0.17 0.90	0.33 0.20	-1.25 -1.68	- 0.93 -0.72	0.19 0.30
Alabama Arkansas	0.19	2.22	0.29	-1.22	2.29	-0.06	-0.17	0.90		-0.93	1.07	0.30
Florida	0.48	3.32	0.07	-0.58	0.48	1.06	-0.97	-2.16		-1.35	-2.04	0.02
Georgia	-0.8 8	2.68	0.12	0.34	1.81	0.26	-1.33	-0.93	0.41	-1.60	-1.50	0.00
Kentucky	1.27 -3.09	0.71	0.30 -0.65	1.23 5.26	1.62 1.60	0.03 -0.66	-0.19 -2.84	0.66 1.70		-2.09 2.90	-0.01 -0.66	0.26 0.23
Louisiana Mississippi	1.06	1.56 1.37	-0.50	1.37	1.11	0.80	1.17	1.70	0.54	-0.80	-0.42	0.23
North Carolina	2.97	1.05	0.30	0.40	1.43		-1.67	0.51	0.55	-2.18	-1.39	0.33
South Carolina	-0.18	1.61	0.08	0.66	2.19		-1.04	0.13	0.57	-1.86	-0.96	0.32
Tennessee	0.31 -0.25	2.06 2.03	0.32 0.15	-0.87 -0.49	1.96 1.32		-0.23 -0.59	0.54 0.65	0.01 0.41	-2.20 -0.82	-0.95 0.68	0.03 0.35
Virginia West Virginia	-0.29	1.08	0.15	-0.49 -0.80	1.34		0.67	1.18		-1.03	1.18	
Southwest	1.99	2.93	0.14	0.71	2.90		-1.18	1.29	0.35	-0.81	-0.75	
Arizona	1.71	5.12	0.37	0.55	2.25		-1.34	-0.47	0.27	-1.97	-1.90	-0.05
New Mexico	-0.56	3.20	-0.45	-2.03	2.54	-0.47	-0.75	1.34	0.37	-2.17	-0.58	0.60
Oklahoma	2.24	2.20	0.50	-1.08	2.45		2.16	1.24	0.36	6.56	-0.48	0.56
Texas	2.21	2.50	0.08	1.15	3.13		-1.59	1.69	0.37	-1.39	-0.53	0.47
Rocky Mountain	0.59 0.29	3.22 2.50	0.02 -0.18	0.67 0.11	3.08 2.82		0.45 0.75	0.80 0.74		-0.32 -0.53	-0.68 -0.76	0.40 0.43
Idaho	-2.66	4.20	0.08	2.20	2.32		0.13	0.14		-2.01	-1.23	0.14
Montana	-0.26	2.68	0.23	1.56	2.94		-2.13	1.31	0.13	-0.47	0.07	0.40
Utah	1.90 5.33	4.46 3.63	0.28 0.38	1.58 -1.50	4.13 3.05		-0.53 4.59	0.86 1.58	0.34 0.46	-1.00 5.88	-0.31 -1.13	0.39
Wyoming		2.48		-1.50 0.48	1	1				-0.40	-1.74	0.01
Far West	1.23 4.25	0.67	0.18 0.50	-0.76	1.65 2.14	-0.15	0 .25 -1.86	- 0.45 1.37	0.28 0.25	0.76	1.92	0.04
California	0.81	2.41	0.08	0.26	1.18		0.37	-0.63	0.23	-0.10	-1.98	
Hawaii	0.08	3.10	0.44	0.14	1.57	0.13	0.29	-0.31	0.80	-0.57	-1.54	0.59
Nevada	0.37	3.38	0.38	0.33	2.38		-0.13	-2.68	0.33	-2.22	-4.24 -1.22	0.08
Oregon Washington	7.07 1.02	2.66 2.54	0.28 0.53	1.54 1.54	2.14 3.91	-0.07 0.03	-0.04 0.16	0.50 0.75	0.20 0.46	-1.47 -0.93	-1.22 -0.18	0.27 0.44
Tradington	1.02	2.54	0.33	1.34	3.91	0.03	0.10	0.75	0.40	-0.93	-0.10	0.44

services; educational services; health care and social assistance; arts, entertainment, and recreation; accom-

^{*} Advance statistics

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

2. Private services-producing industries consist of utilities; wholesale trade; retail trade; transportation and warehousing, excluding Postal Service; information; finance and insurance; real estate, rental, and leasing; professional and technical services; management of companies and enterprises; administrative and waste

services; educational services; neatin care and social assistance; arts, entertainment, and recreation; accommodation and food services; and other services, except government.

3. The U.S. values may differ from the National Income and Product Account (NIPA) values because of revisions to the NIPA values as well as the GDP-by-state accounts excluding Federal military and civilian activity located overseas (because it cannot be attributed to a particular state). In addition, the advance estimate (2009) may differ because of different sources and vintages of data used to estimate GDP by state.

Table 4. Per Capita Real Gross Domestic Product (GDP) by State, 2006–2009 *

		Chained (20	005) dollars			Rank in	the U.S.			Percent of	f the U.S.	
	2006	2007	2008	2009 *	2006	2007	2008	2009*	2006	2007	2008	2009
United States	43,189	43,646	43,308	42,031					100	100	100	1
w England		49,974	50,190	48,964					114	114	116	1
Connecticut		60.352	60,640	58,476	3	2	2	Δ	136	138	140	1
Maine		35,380	35.627	35,214	42	41	41	40	81	81	82	
					7			5	118	118	120	
Massachusetts		51,521	51,778	50,566		7	6					
New Hampshire	. 41,508	41,732	41,682	41,110	23	24	24	24	96	96	96	
Rhode Island	. 42,405	42,166	41,750	40,996	20	21	23	25	98	97	96	
Vermont		37,180	37,891	37,579	37	37	33 \	31	86	85	87	
		49,691	49,779	48,305					113	114	115	
Delaware		64,455	63,844	62,080	1	1	1	1	150	148	147	
District of Columbia		146,018	147,601	146,360					333	335	341	
Maryland	. 44,979	45.603	45,817	45.495	17	16	16	13	104	104	106	
New Jersey	. 51,087	51,749	51,721	50,227	6	6	7	6	118	119	119	
New York		52,624	52,641	50,205	5	, š	5	7	120	121	122	
					30	29	29	27		92	93	
Pennsylvania		40,030	40,216	39,674	30	29	29	21	91			ļ
eat Lakes	40.213	40.652	40.328	38,856					93	93	93	
llinois		46,365	46,035	44,260	14	14	14	16	106	106	106	
		39,338	39.118	37,495	33	31	30	32	89	90	90	
ndiana								32				
Michigan		36,724	35,897	34,157	39	39	40	41	84	84	83	
Ohio	. 38,347	38,619	38,322	37,237	34	34	32	33	89	88	88	
Wisconsin	. 39.980	40,324	40.642	39.617	26	28	28	28	93	92	94	
			40.444	44 640					95	96	98	
ins		41,802	42,414	41,649		·······			95			
owa		42,787	43,951	43,644	24	20	20	19	95	98	101	1
(ansas	. 39.493	41,071	41,420	40.662	29	27	25	26	91	94	96	1
Minnesota		46,338	46,794	45,392	12	15	13	14	107	106	108	
Missouri		37,165	37,433	36,420	38	38	36	36	86	85	86	
					21						102	
Nebraska	. 42,299	43,719	44,215	43,990		19	17	17	98	100		1
North Dakota	. 39,662	41,208	44,069	45,390	28	26	18	15	92	94	102	
South Dakota	. 40.307	41,730	43,235	43,773	25	25	22	18	93	96	100	
	1	38,562	37,814	36,719					90	88	87	
utheast												
Nabama		33,649	33,675	32,748	45	45	44	45	77	77	78	1
Arkansas		32,200	32,241	32,191	48	48	48	47	75	74	74	
Florida	. 39.063	39.030	37.551	36,065	31	32	35	37	90	89	87	
Georgia	. 39,673	39,761	38,363	36,677	27	30	31	35	92	91	89	
Kentucky		33,623	33,669	32,848	44	46	45	44	78	77	78	
						90	70					ì
.ouisiana		42,163	41,203	41,836	16	22	26	23	105	97	95	
Mississippi		29,366	30,015	29,634	50	50	50	50	66	67	69	1
North Carolina	. 41,763	41,805	40,729	38,847	22	23	27	29	97	96	94	1
South Carolina	. 33.198	33,545	32,842	31,618	46	47	47	48	77	77	76	ļ
Tennessee		37,410	37,127	35.650	35	36	38	38	88	86	86	ļ
		47,629	47.388	46,960	10	10	10	9	110	109	109	
Virginia												
West Virginia	. 29,168	29,465	30,112	30,248	49	49	49	49	68	68	70	
uthwest	41.404	42,166	41.598	40,408	Ļ				96	97	96	1
		38,703	37,301	35.313	32	33	37	39	89	89	86	1
Arizona						33			09			1
New Mexico	. 35,652	35,191	35,207	34,056	40	42	42	42	83	81	81	
Oklahoma	. 35,422	35,649	36,667	38,644	41	40	39	30	82	82	85]
Texas	. 43,541	44,655	44,003	42.526	18	17	19	21	101	102	102	1
		42,466	42,322	41 261		1			97	97	98	1
cky Mountain				41,361								
Colorado		47,398	47,395	46,150	11	12	9	11	109	109	109	
daho	. 33,778	34,473	34,001	32,557	43	43	43	46	78	79	79	J
Montana	. 32,639	33,758	33,149	32,915	47	44	46	43	76	77	77	1
Jtah		38,452	37.807	36,691	36	35	34	34	87	88	87	1
					1 4	33	3	2				
Wyoming		56,021	58,662	60,527	1 4	4	3	2	130	128	135	
r West	. 47,837	48,525	48.027	46.511	l		l		111	111	111	1
Alaska		59.156	58.513	59.638	2	3	A	3	136	136	135	1
						8	8	8				1
California	. 48,579	49,101	48,610	47,067	8				112	112	112	1
Hawaii		47,001	46,973	45,980	13	13	12	12	107	108	108	
Nevada		47,992	45.942	42.564	9	9	15	20	111	110	106	i
Oregon		43,770	43.479	41.949	19	18	21	22	99	100	100	1
Washington		47,448	47,358	46,352	15	11	11	10	106	109	109	1
TEGO: 1011 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	40.030	+/.440	1 47.338	+0.002	1 15			10	1 100	1091		1

^{*} Advance statistics

Table 5. Summary Revision Statistics for Current-Dollar Gross Domestic Product (GDP) by State, 1998–2007 * [Percent revision]

		1998–2002			2002-2007	
	Mean absolute revision	Minimum	Maximum	Mean absolute revision	Minimum	Maximum
United States	1.2	0.5	1.7	1.7	1.6	2.0
New England	0.8	-0.3	1.6	1.9	1.6	2.2
Connecticut	1.4	-0.8	2.2	3.5	1.9	5.0
Maine	2.4	1.1	3.4	3.0	2.6	3.4
	0.7	-0.8	1.2	1.1	0.5	1.9
Massachusetts	1.0	-1.2	1.3	0.5	-0.3	1.0
New Hampshire	1.0	-0.4	3.1	2.3	1.3	3.1
Rhode Island	,,,		7.1			
Vermont	0.5	0.0	1.4	0.4	-1.4	0.3
Mideast	0.3	0.0	0.4	0.3	0.0	0.6
Delaware	2.2	-3.8	-0.7	3.5	-5.0	-1.8
District of Columbia	0.4	-0.7	0.4	0.6	-1.0	0.5
Maryland	1.0	-0.1	1.5	2.3	1.2	3.4
New Jersey	0.8	-0.9	1.3	1.3	0.0	2.9
New York	0.4	-0.8	0.3	0.6	-1.5	0.6
Pennsylvania	0.7	0.0	1.6	0.3	-0.3	0.5
Great Lakes	1.1	0.1	1.7	1.8	1.5	2.5
Illinois	1.8	1.0	2.2	2.2	1.6	3.0
Indiana	1.5	0.6	2.4	3.0	1.6	5.6
Michigan	0.8	-1.8	0.8	0.9	0.4	2.1
Ohio	1.6	0.6	2.5	1.6	1.1	2.1
Wisconsin	0.7	0.0	1.1	1.6	0.9	2.2
Plains	1.8	0.3	2.7	2.2	1.9	2.5
lowa	1.7	0.2	3.4	2.9	1.2	3.9
Kansas	2.8	1.8	3.5	2.6	1.6	3.7
Minnesota	1.2	-0.6	1.8	1.8	1,1	2.4
Missouri	1.8	0.6	2.4	1.9	1.6	2.3
Nebraska	2.1	-0.4	3.7	2.2	1.8	2.7
North Dakota	2.3	0.7	3.1	2.1	0.3	2.9
South Dakota	3.5	1.0	5.3	3.5	0.5	5.4
				1		
Southeast	1.3	0.2	2.0	1.7	1.3	2.0
Alabama	0.8	-0.2	1.3	0.6	0.3	1.1
Arkansas	1.6	-0.2	2.9	2.4	1.7	3.2
Florida	1.8	0.8	2.5	2.1	1.2	2.6
Georgia	1.2	-0.5	2.4	1.8	1.0	2.5
Kentucky	0.7	-0.9	1.1	0.4	-0.1	0.6
Louisiana	2.0	-0.1	3.8	4.8	-1.9	7.7
Mississippi	1.6	0.4	2.4	2.6	1.5	4.6
	1.7	0.0	2.8	1.3	0.1	1.9
North Carolina				2.5		4.2
South Carolina	1.7	0.3	2.6		1.9	
Tennessee	1.4	0.8	1.8	0.5	-1.0	0.8
Virginia	0.9	-0.4	1.8	1.7	1.5	1.9
West Virginia	0.6	-1.0	-0.1	1.2	-1.9	0.3
Southwest	1,0	0.7	1.1	0.6	-0.3	1.2
Arizona	2.2	1.2	3.0	4.2	3.0	6.3
	1.2	-0.9	2.1	1.0	-1.5	2.
New Mexico	2.1		3.0	1.3	0.0	2.2
Oklahoma		1.7				
Texas	0.6	0.2	0.9	0.7	-1.3	0.6
Rocky Mountain	1.0	0.0	2.1	2.4	2.1	3.7
Colorado	1.0	-0.6	2.4	2.5	2.2	3.5
Idaho	1.8	-0.8	3.2	3.8	2.8	4.6
Montana	1.6	0.9	2.9	1.3	0.6	2.5
Utah	2.3	1.2	3.2	2.6	1.8	3.8
	1.4	-1.9	-11	2.2	-2.7	5.5
Wyoming	***			1		
Far West	2.5	2.1	3.0	3.6	3.0	4.5
Alaska	2.4	-4.1	4.3	2.1	-3.9	-1.0
California	2.7	2.3	3.4	3.9	3.4	4.5
Hawaii	2.0	1.2	2.9	3.4	2.9	3.8
Nevada	2.1	0.5	3.0	1.8	0.5	2.5
	0.8	0.1	2.0	3.9	2.0	5.9
Oregon	2.4	2.0	3.2	3.0	1.9	5.0

^{*} Revision is a percentage of the previously-published estimate.

Table 6. Revisions to Percent Change in Real Gross Domestic Product (GDP) by State, 2006–2008

		2006			2007			2008	
	Previously- published	Revised	Difference (percentage points)	Previously- published	Revised	Difference (percentage points)	Previously- published	Revised	Difference (percentage points)
United States 1	2.8	2.7	-0.1	2.0	2.1	0.1	0.7	0.1	-0.6
New England	2.5	2,1	-0.4	2.3	1.9	-0.4	1.0	0.9	-0.1
Connecticut	3.1	3.6	0.5	2.4	3.1	0.7	-0.4	0.9	1.3
Maine	0.9	1.3	0.4	1.0	1.0	0.0	1.4	0.9	-0.5
Massachusetts	2.7	1.5	-1.2	3.0	2.0	-1.0	1.9	1.2	-0.7
New Hampshire	1.5	1.5	0.0	0.8	1.0	0.2	1.8	0.2	-1.6
Rhode Island	1.9	1.8	-0.1	0.0	-1.0	-1.0	-0.9	-1.1	-0.2
Vermont	1.3	1.2	-0.1	1.7	0.1	-1.6	1.7	2.0	0.3
			1						
Mideast	3.2	2.8	-0.4	2.6	1.9	-0.7	1.3	0.5	-0.8
Delaware	-0.5	0.9	1.4	0.8	0.9	0.1	-1.6	0.3	1.9
District of Columbia	2.0	1.4	-0.6	1.7	1.9	0.2	3.0	1.7	-1.3
Maryland	1.3	1.7	0.4	1.8	1.8	0.0	1.3	0.9	-0.4
New Jersey	1.5	2.5	1.0	0.9	1.4	0.5	0.6	0.3	-0.3
New York	5.4	4.2	-1.2	4.0	2.0	-2.0	1.6	0.3	-1.3
Pennsylvania	2.0	1.5	-0.5	1.8	2.4	0.6	1.1	0.8	-0.3
	1								
Great Lakes	0.6	0.5	-0.1	0.7	1.4	0.7	-0.4	-0.6	-0.2
Illinois	3.1	2.4	-0.7	1.9	1.6	-0.3	0.3	-0.2	-0.5
Indiana	0.1	1.1	1.0	1.3	3.1	1.8	-0.6	0.1	0.7
Michigan	-1.5	-2.0	-0.5	-1.1	0.4	1.5	-1.5	-2.7	-1.2
Ohio	-0.8	-0.9	-0.1	0.2	1.0	0.8	-0.7	-0.7	0.0
Wisconsin	1.7	1.7	0.0	1.0	1.4	0.4	0.7	1.3	0.6
	1		1						
Plains	1.1	1.1	0.0	2.5	2.5	0.0	2.0	2.2	0.2
lowa	1.9	0.9	-1.0	3.4	5.0	1.6	2.1	3.2	1.1
Kansas	3.5	3.5	0.0	3.1	4.7	1.6	2.2	1.6	-0.6
Minnesota	0.5	0.2	-0.3	1.6	0.7	-0.9	2.0	1.8	-0.2
Missouri	-0.1	0.2	0.3	1.3	1.2	-0.1	1.3	1.5	0.2
Nebraska	2.6	2.7	0.1	3.0	3.9	0.9	1.3	1.8	0.5
North Dakota	1.2	2.4	1.2	7.1	4.1	-3.0	7.3	7.5	0.2
South Dakota	-1.2	0.4	1.6	8.1	4.6	-3.5	3.5	4.6	1.1
	2.8	2.5	-0.3	0.9		1	0.0	-0.8	-0.8
Southeast					1.1	0.2			
Alabama	2.0	1.8	-0.2	0.9	1.4	0.5	0.7	0.9	0.2
Arkansas	1.4	2.7	1.3	1.5	1.0	-0.5	0.7	1.0	0.3
Florida	4.1	3.9	-0.2	0.0	1.0	1.0	-1.6	-3.0	_1.4
Georgia	1.2	1.9	0.7	1.5	2.4	0.9	-0.6	-1.9	j –1.3
Kentucky	2.3	2.3	0.0	1.0	0.4	-0.6	-0.1	0.9	1.0
Louisiana	2.0	-2.2	-4.2	0.9	-4.3	-5.2	0.3	-0.6	-0.9
Mississippi	1.7	1.9	0.2	1.4	3.3	1.9	1.7	2.9	1.2
North Carolina	5.5	4.3	-1.2	0.7	2.3	1.6	0.1	-0.6	-0.7
South Carolina	2.0	1.5	-0.5	0.9	3.0	2.1	0.6	-0.3	-0.9
Tennessee	2.7	2.7	0.0	1.3	0.2	-1.1	0.5	0.3	-0.2
Virginia	1.7	1.9	0.2	1.8	1.1	-0.7	1.3	0.5	-0.8
West Virginia	0.6	1.4	0.8	0.6	1.2	0.6	2.5	2.4	-0.0 -0.1
	1 1								
Southwest	4.9	5.1	0.2	3.6	3.9	0.3	1.7	0.5	-1.2
Arizona	6.3	7.2	0.9	1.4	3.0	1.6	-0.6	1.5	-0.9
New Mexico	2.3	2.2	-0.1	2.0	0.0	-2.0	2.0	1,0	-1.0
Oklahoma	3.0	4.9	1.9	1.9	1.7	-0.2	2.7	3.8	1.1
Texas	4.9	4.8	-0.1	4.4	4.6	0.2	2.0	0.5	-1.5
									_
Rocky Mountain	3.7	3.8	0.1	2.9	3.8	0.9	2.2	1.6	-0.6
Colorado	2.7	2.6		2.0	2.9	0.9	2.9	1.9	-1.0
ldaho	2.0	1.6	-0.4	4.1	4.5	0.4	0.0	0.5	0.5
Montana	2.5	2.6	0.1	3.7	4.6	0.9	1.8	-0.7	-2.5
Utah	6.3	6.6	0.3	4.6	5.8	1.2	1.4	0.7	-0.7
Wyoming	7.0	9.3	2.3	0.7	2.2	1.5	4.4	6.6	2.2
	3.4	3.9							
Far West			0.5	2.2	2.4	0.2	0.6	0.1	-0.5
Alaska	4.4	5.4	1.0	-0.2	1.2	1.4	-2.0	-0.2	1.8
California	3.1	3.3	0.2	1.8	1.8	0.0	0.4	0.0	-0.4
Hawaii	3.8	3.6		1.5	1.8		0.7	0.8	0.1
Nevada	4.0	4.1	0.1	2.7	3.1	0.4	-0.6	-2.5	-1.9
Oregon	7.9	10.0	2.1	3.7	3.6	-0.1	1.6	0.7	-0.9
Washington	2.8	4.1	1.3	4.4	5.5	1.1	2.0	1.4	-0.6
· · · · · · · · · · · · · · · · · · ·	1				5.0	i,			

^{1.} The U.S. values may differ from the National Income and Product Account (NIPA) values because of revisions to the NIPA values as well as the GDP-by-state accounts excluding Federal military and civilian activity

located overseas (because it cannot be attributed to a particular state). In addition, the advance estimate (2009) may differ because of different sources and vintages of data used to estimate GDP by state.

Table 7. Percent Change and Contributions to Percent Change in Real Gross Domestic Product (GDP) by State, 2005–2009—Continues

	2005	2006	2007	2008	2009 *	2005	2006	2007	2008	2009 *
					United	States 1				
		Annı	al percent cha	inge			Contributions	s to annual per	rcent change	
Total GDP by state	-8.2 -1.3	2.7 5.2 -2.9 6.8	2.1 -4.9 -3.9 4.1	0.1 3.5 -3.3 0.3	-2.1 4.0 - 9.9 - 7.5	2.8 -0.22 -0.06 0.50	2.7 0.13 -0.15	2.1 -0.14 -0.19 0.28	0.1 0.10 -0.16 0.02	- 2.1 0.12 -0.44 -0.48
Durable-goods manufacturing	~1.5	1.3 2.4	5.0 2.0	-8.2 -3.0	-7.5 -3.8 -2.8	-0.09 0.22	0.47 0.07 0.30	0.28 0.27 0.25	-0.46 -0.37	-0.40 -0.20 -0.33
Trade Transportation and utilities	2.4	3.1 1.0	3.2 6.0	-0.3 -0.3 1.4	-0.5 1.6	0.22 0.11 0.36	0.30 0.14 0.04	0.25 0.15 0.26	-0.01 -0.06	-0.02 -0.02 0.03
Financial activities Professional and business services	5.7	4.2 3.4	2.2 2.7	1.7	-2.4 -3.0	1.16 0.56	0.87 0.39	0.45 0.32	0.35 0.18	-0.50 -0.31
Education and health services	1.7	3.3	2.0	3.2	1.4	0.13	0.25	0.16	0.25	0.1
Leisure and hospitality Other services, except government	0.4	3.0 0.1	1.4 2.2	-1.3 -0.3	-3.1 -4.5	0.07 0.01	0.12 0.00	0.06 0.06	-0.05 -0.01	-0.11 -0.11
Government	0.3	0.6	1.3	2.0	1.6	0.04	0.07	0.16	0.24	0.2
		Δηη	al percent cha		New E	ngland	Contribution	s to annual pe	rcent change	
Total GDP by state	1.0	2.1	1.9	0.9	-2.0	1,0	2.1	1.9	0.9	-2.
Natural resources and mining	4.8	-1.6 -5.4	-3.0 -6.2	-4.6 -5.4	(D) -9.2	0.02 -0.26	~0.01 ~0.24	-0.01 -0.26	-0.02 -0.21	(C -0.3
Construction Durable-goods manufacturing	2.9	7.1	3.3	0.8	-3.3 -9.1	0.21	0.51	0.24 0.20	0.06	-0.3 -0.3 -0.3
Nondurable-goods manufacturing Trade	-1.0	12.9 0.4	5.1 0.1	-10.2 -2.8	-2.0	-0.18 -0.11	0.46 0.05	0.01	-0.41 -0.31	-0.2
Transportation and utilitiesformation	9.6	2.1 -2.6	4.7 5.1	-1.6 3.7	-0.3 1.0	0.01 0.40	0.07 -0.11	0.15 0.20	-0.05 0.15	-0.0 0.0
Financial activities	2.6	2.6 3.2	2.5 2.5	3.9 1.8	-1.8 -3.0	0.30 0.34	0.67 0.43	0.65 0.35	1.01 0.26	–0.4 –0.4
Education and health services Leisure and hospitality	1.3 0.6	2.9 0.7	2.5 0.7	3.3 -1.7	0.9 -2.7	0.14 0.02	0.30 0.03	0.26	0.36 -0.06	0.1 0.0
Other services, except government	0.3	-0.5 -0.5	2.1 0.7	-0.5 1.4	-4.1 0.7	0.01 0.10	-0.01 -0.05	0.05 0.07	-0.01 0.14	-0.1 0.0
					Conn	ecticut	L			
		Annı	al percent ch	ange			Contributions	s to annual pe	rcent change	
Total GDP by state		3.6 -8.5	3.1 11.4	0.9 3.5	-3.1 2.8	1.3 0.01	3.6 -0.02	3.1 -0.02	0.9 0.01	-3. 0.0
Natural resources and mining	-2.6	-2.3	-2.5	-8.0	-10.4	-0.09	-0.09	-0.02 -0.09 0.05	-0.27	-0.3 -0.2
Durable-goods manufacturing	-8.6	8.5 20.4	0.6 3.0	1.4 12.7	-3.7 11.3	0.19 0.46	0.60 1.00	0.17	0.09 -0.72	-0.5
ransportation and utilities	0.7	1.3 -1.0	1.3 10.4	2.8 3.7	-2.3 -3.6	0.23 0.02	0.14 -0.03	0.14 0.34	-0.29 -0.12	-0.2 -0.1
nformationinformation activities	2.4	0.3 5.2	8.6 4.7	0.4 6.0	0.5 -3.8	0.39 0.72	0.01 1.59	0.31 1.45	0.02 1.86	0.0 -1.2
Professional and business services	1.0	0.6 2.4	3.7 2.0	-0.5 3.9	-3.6 0.8	0.03	0.08	0.45 0.17	-0.06 0.33	-0.4 0.0
eisure and hospitality	0.0	2.1 0.3	0.0 2.0	-0.6 -1.3	-2.3 -4.1	0.00 0.00	0.06 0.01	0.00 0.04	-0.02 -0.03	-0.0 -0.0
Government		0.7	1.2	1.0	0.9	0.15	0.06	0.11	0.09	0.0
		A			Ma	aine	C			· · ·
Total GDP by state	-0.4	1.3	al percent ch	unge 0.9	-1.3	-0.4	1.3	s to annual pe	0.9	-1.
Natural resources and mining	8.3	5.6 -7.1	-5.5 -8.3	-4.0 -6.2	(D) -8.3	0.12 -0.55	0.08 -0.37	-0.09 -0.42	-0.07 -0.29	(D -0.3
Ourable-goods manufacturingVondurable-goods manufacturing	2.9	-0.8 3.7	1.8 12.7	3.4 -3.9	-6.7	0.16 -0.06	-0.04 0.20	0.09 0.71	0.17 -0.24	-0.3 -0.4
Trade Trade Transportation and utilities.	-1.6	1.1 5.0	-0.6 5.3	-2.7 -2.4	−7.9 −0.7 −0.4	-0.23 0.07	0.15 0.20	-0.09 0.23	-0.38 -0.10	-0.1 -0.0
nformation	5.0	-1.0	4.5	-1.0	0.2	0.14	-0.03	0.12	-0.02	0.0
Financial activities	0.3	2.3 3.7	1.2 1.7	4.5 6.3	1.5 -3.2	-0.25 0.03	0.47 0.31	0.24 0.15	0.90 0.55	0.3 -0.2
Education and health serviceseisure and hospitality	1.9	3.3 2.4	0.7 -1.1	2.3 -1.7	0.7 -1.7	0.10 0.08	0.39 0.10	0.09 -0.05	0.27 -0.07	0.0 -0.0
Other services, except government		-1.8 -1.1	0.5 -0.2	0.1 1.1	-3.5 0.5	0.02 -0.04	-0.05 -0.16	0.01 -0.03	0.00 0.16	-0.0 0.0
			,		Massa	chusetts	l		Li	
		Anni	al percent ch	ange			Contribution	s to annual pe	rcent change	
Total GDP by state		1.5 3.4	2.0 0.4	1.2 -7.3	-1.6 2.6	1.1 0.00	1.5 0.01	2.0 0.00	1.2 -0.02	- 1 . 0.0
Construction Durable-goods manufacturing	-6.7	-6.6 8.1	-6.5 6.9	-3.0 -1.3	-9.3 -2.2	-0.29 0.33	-0.29 0.57	-0.27 0.49	-0.12 -0.09	-0.3 -0.1
Nondurable-goods manufacturing	-1.5	7.6	8.1	-10.7	-6.8	-0.04	0.21	0.23	-0.33	-0.1
Trade	0.2	0.2 4.6	-0.6 2.9	-2.3 -1.5	-2.0 1.6	-0.33 0.01	0.02 0.13	0.09	-0.24 -0.05	-0.2 0.0
nformation	0.3		4.7 1.3	5.3 3.2	0.3 -1.1	0.48 0.07	-0.16 0.19	0.22 0.31	0.24 0.78	0.0 -0.2
Professional and business services	3.8	3.6	3.1 3.3	2.9 3.6	-2.7 1.0	0.57 0.16	0.57 0.35	0.50 0.38	0.49 0.42	-0.4 0.1
eisure and hospitality	0.7	0.5 -0.6	2.0 2.5	-1.2 -0.1	-3.2 -3.8	0.03 0.03	0.02 -0.01	0.07 0.06	-0.05 0.00	-0.1 -0.0
Other services, except government								. 0.50	, 0.00	

sions to the NIPA values as well as the GDP-by-state accounts excluding Federal military and civilian activity located overseas (because it cannot be attributed to a particular state). In addition, the advance estimate (2009) may differ because of different sources and vintages of data used to estimate GDP by state.

^{*} Advance statistics
(D) Data are suppressed to avoid disclosure of confidential information.

1. The U.S. values may differ from the National Income and Product Account (NIPA) values because of revi-

Table 7. Percent Change and Contributions to Percent Change in Real Gross Domestic Product (GDP) by State, 2005–2009—Continues

	2005	2006	2007	2008	2009 *	2005	2006	2007	2008	2009 *
			al = ==== 1 .		New Ha	mpshire	Campaille of			
			al percent cha					to annual per		
Total GDP by state	1.5 2.0	1.5 -0.8	1.0 -4.8	0.2 0.9	-1.2 -2.0	1.5 0.01	1.5 0.00	1.0 -0.02	0.00	-1 -0.6
onstructionurable-goods manufacturing	-7.9	-7.3 3.7	-12.8 6.0	-9.4 3.6	-9.6 -3.7	-0.40 0.35	-0.36 0.33	-0.60 0.53	-0.38 0.32	-0.3 -0.3
ondurable-goods manufacturing	–1.9	-0.9	5.7	-3.7	-10.1	-0.05	-0.03	0.16	-0.10	-0.2
ansportation and utilities		0.5 -2.3	-0.5 -0.3	-3.6 1.4	-2.7 0.3	-0.02 -0.08	0.08 -0.08	-0.07 -0.01	-0.51 0.05	-0.0 0.0
ormation	12.6	-8.7	5.8	6.4	4.3	0.44	-0.32	0.19	0.21	0.
nancial activities ofessional and business services	4.5	3.1 7.7	1.4 -1.1	1.6 -1.0	0.7 - 2.8	0.58 0.49	0.71 0.86	0.32 -0.13	0.37 -0.12	0. -0.
lucation and health servicesisure and hospitality	1.8	3.0 -1.2	3.0 -0.5	3.3 -4.2	1.4 -1.4	0.18 -0.03	0.30 0.05	0.32 -0.02	0.36 -0.18	0. -0.
her services, except government	-1.2	0.6	1.8	0.3	-5.1	~0.03	0.02	0.05	0.01	-0
vernment		0.5	2.7	2.0	2.1	0.10	0.04	0.26	0.20	0
					Rhode	Island				
			al percent cha					to annual per		
Total GDP by statetural resources and mining	0.4 -5.8	1.8 2.5	-1.0 -13.5	-1,1 0.8	-1.8 6.5	-0.4 -0.02	1.8 0.01	-1.0 -0.03	- 1.1 0.00	0
nstruction	-3.8	-3.9	-6.0	-5.4	-6.1	-0.20	-0.20	-0.31	-0.27	-0
rable-goods manufacturingndurable-goods manufacturing	10.4 6.9	2.1 27.2	-2.9 -13.7	-0.2 -11.0	-7.4 -9.9	-0.76 -0.20	0.14 0.73	-0.19 -0.45	-0.01 -0.32	-0 -0
de	-0.4	-1.9	1.8	-5.4	-1.6	-0.05	-0.21	0.19	-0.59	-(
nsportation and utilitiesrmation	0.3 4.8	4.8 l -1.2	-2.4 -3.6	4.1 5.6	0.6 4.8	-0.01 0.20	0.15 -0.05	-0.08 -0.14	0.13 0.20	
ancial activities	1.0	2.3	0.8	-1.2	-1.2	0.25	0.61	0.20	-0.31	-0
fessional and business services		6.0 1.8	-3.1 -0.5	1.2 0.4	-3.3 0.2	0.25 0.14	0.60 0.21	-0.33 -0.05	0.13 0.05	-
sure and hospitalityer services, except government	0.9	-0.4	-0.3	-4.2	-3.2	0.04	-0.02	-0.01	-0.17	-
er services, except government		-2.7 -0.9	1.7 0.9	-2.5 0.6	-4.1 0.0	0.01 -0.10	-0.07 -0.11	0.04 0.11	-0.06 0.08	-
			l		Verr	nont				
		Annu	al percent cha	nge			Contributions	to annual per	rcent change	
otal GDP by stateural resources and mining		1.2 -18.2	0.1 7.8	2.0 -11.6	-0.7 -0.9	1.3 0.22	1.2 -0.34	0.1 0.13	2.0 0.22	- -(
nstruction	-7.7	-5.5	-8.8	-8.1	-6.0	-0.39	-0.27	-0.43	-0.36	-(
able-goods manufacturingndurable-goods manufacturing		11.3 15.4	-12.6 7.3	15.1 -1.8	-1.8 l -7.5	0.32 ~0.03	1.02 i 0.43	-1.17 0.23	1.16 -0.06	1
de	0.1	-0.7	0.3	-2.3	-0.9	0.02	-0.10	-0.04	-0.31	_
nsportation and utilitiesormation		-1.5 -9.5	3.9 -1.2	0.7 0.7	2.0 4.6	0.02 0.06	-0.07 -0.31	0.17 -0.03	0.03	(
ancial activities	3.5	0.8	5.4	3.9	-0.5	0.63	0.15	1.00	0.75	_
fessional and business servicesucation and health services		4.1 3.2	0.6 2.4	3.6 3.9	-0.8 1.0	0.14 0.21	0.33 0.36	0.05 0.28	0.30 0.47	
sure and hospitality	2.2	-0.3	-0.7	-2.2	-2.9	0.12	-0.02	-0.04	-0.12	-
er services, except governmentvernment	2.1 0.9	-0.6 0.0	1.1 -0.3	-0.5 2.8	-5.2 1.4	-0.06 0.12	-0.02 0.00	0.03 -0.04	-0.01 0.38	-
	· · · · · · · · · · · · · · · · · · ·	i			Mid	east				
		Annu	al percent cha	nge			Contributions	to annual pe	rcent change	
Total GDP by statetural resources and mining	2.8	2.8 -1.7	1.9 -3.6	0.5 -1.0	−2.5 (D)	2.8 0.01	2.8 -0.01	1.9 -0.02	0.5 -0.01	•
nstruction	4.8	-4.9	-3.3	0.7	-4.5	-0.20	-0.20	-0.13	0.03	-
able-goods manufacturing ndurable-goods manufacturing	4.1 -7.3	3.7 2.7	2.1 4.7	2.8 -11.2	-5.8 -6.9	0.15 -0.35	0.14 0.12	0.08 0.20	0.10 -0.49	-
densportation and utilities	0.2	1.0 0.9	2.0 3.1	-2.9 -0.4	−1.7 −1.1	0.02	0.11 0.04	0.22	-0.32 -0.01	-
rmation	8.3	0.7	5.2	1.5	1.9	0.07 0.46	0.04	0.12 0.27	80.0	_
ancial activitiesfessional and business services	6.8	7.7 2.7	1.1 3.0	2.3 0.9	-5.9 -2.0	1.68 0.72	1.96 0.38	0.28 0.42	0.61 0.13	-
cation and health services	1.0	2.6	1.6	2.6	0.7	0.09	0.23	0.14	0.23	
sure and hospitalityer services, except government	1.1 1.6	3.3 -0.1	2.3 2.4	-0.6 -0.2	-2.2 -3.4	0.04 0.04	0.11 0.00	0.08 0.06	-0.02 -0.01	-
ernment	0.9	-0.8	1.7	1.6	2.0	0.04	-0.09	0.20	0.19	
					Dela	ware				
Total CDD by state			al percent cha					to annual pe		
otal GDP by stateural resources and mining	3.7	0.9 -18.3	0.9 -19.4	0.3 -8.1	~ 1.8 (D)	3.7 0.16	0.9 -0.13	0.9 -0.12	0.3 -0.05	
nstruction	0.1	-2.7	-10.9	-3.6	-12.3	0.01	-0.11	-0.45	-0.13	-
rable-goods manufacturing ndurable-goods manufacturing		9.2 -8.4	11.8 13.7	-1.2 -22.2	-10.1 -3.1	0.16 -0.23	0.19 -0.52	0.25 0.77	-0.03 -1.43	_
te	1.4	4.4	-1.1	-4.4	-2.6	-0.11	0.35	-0.09	-0.35	_
nsportation and utilities	2.3 6.9	1.5 -1.7	2.6 3.3	1.1 5.0	1.4 0.4	-0.06 0.14	0.04 -0.03	0.07 0.06	0.03	
		2.6	0.4	3.7 1.9	-1.2 -4.3	3.77	1.15	0.17	1.66	-
ancial activitiesfossional and business sayings					1 '2	-0.68	0.08	-0.35	0.20	-1
fessional and business services	3.9	-0.8 2.8	-3.2 4.1]	5.4	1.7	0.22	0.16	0.24	0.32	i
ancial activities fessional and business services ucation and health services sure and hospitality fer services, except government	3.9 0.8									

^{*} Advance statistics

Table 7. Percent Change and Contributions to Percent Change in Real Gross Domestic Product (GDP) by State, 2005–2009—Continues

	2005	2006	2007	2008	2009 *	2005	2006	2007	2008	2009 *
		J.	·-· ·		District of	Columbia				
		Annu	al percent cha	nge			Contributions	to annual per	cent change	
Total GDP by state	2.4	1.4	1.9	1.7	0.8	2.4	1.4	1.9	1.7	0
atural resources and miningonstruction	-95.9 -10.0	1.4 -8.5	0.1 -6.3	0.8 8.3	-2.6 -1.0	0.00 -0.13	0.00 -0.10	0.00 l -0.07	0.00	0.0 -0.0
urable-goods manufacturing	-15.3	-12.9	~19.4	1.1	-5.0	-0.02	-0.02	-0.02	0.00	0.0
ondurable-goods manufacturingade		-4.4 0.8	10.4 5.5	-12.4 -0.4	-2.1 0.9	-0.04 0.03	-0.01 0.02	0.02 0.11	-0.02 -0.01	0.0 0.0
ansportation and utilities	-0.2	-1.5	2.5	-1.9	4.7	0.00	-0.02	0.04	-0.03	0.0
formation	6.4	-4.8 8.8	5.6 3.8 :	0.6 0.3	-1.0 -4.9	0.42 0.62	-0.32 1.14	0.33 0.52	0.04 0.05	-0.0 -0.6
ofessional and business services	2.6	4.1	3.0	-0.5	-1.4	0.59	0.96	0.73	-0.13	-0.3
ducation and health services		1.3 0.5	2.4 0.8	1.9 1.8	0.9 0.9	-0.15 0.33	0.09 0.02	0.17 0.03	0.14 0.07	0. 0.
ther services, except government	2.5	0.9 -1.2	6.2	2.1	-0.5	0.16 0.54	0.06	0.40 -0.32	0.15	-0. 1.
overnment	1.6	-1.2	-0.9	4.2	5.1	0.54	-0.41	-0.32	1.39	''
					Mary	rland				
		Annu	al percent cha	nge			Contributions	to annual per	cent change	
Total GDP by state	3.5	1.7	1.8	0.9	0.0	3.5	1.7	1.8	0.9	0
atural resources and miningonstruction		−3.7 −6.4	-14.0 -4.8	-1.3 -1.8	12.4 4.9	0.02 -0.22	-0.02 -0.39	-0.06 -0.28	-0.01 -0.10	-0. -0.
urable-goods manufacturing	0.8	6.3	4.3	13.0	3.9	0.02	0.17	0.11	0.33	0
ondurable-goods manufacturingade	-5.4 1.9	9.0 0.6	15.0 0.4	-15.4 -3.4	-7.9 -1.7	-0.16 0.22	0.24 0.07	0.42 0.04	-0.49 -0.37	-0 -0
ansportation and utilities	1.8	3.5	4.8	0.9	-2.8	0.07	0.14	0.20	0.04	-0
formation		2.2 1.3	4.8 2.1	3.2 1.9	2.5 -1.1	0.44 1.55	0.08 0.30	0.17 0.48	0.12 0.43	-0 -0
ofessional and business services	8.7	3.8	1.5	2.1	2.3	1.18	0.55	0.22	0.31	0
lucation and health services	1.4	3.1 2.4	1.9 0.7	3.2 -0.5	1.4 -2.0	0.12 0.09	0.26 0.09	0.17 0.02	0.28 -0.02	-0 -0
isure and hospitalityher services, except government	-0.4	1.2	2.5	-1.5	-2.9	-0.01	0.03	0.07	-0.04	− C
overnment	0.8	1.2	1.3	2.5	3.2	0.13	0.21	0.23	0.43	0
					New J	lersey				
		Annu	al percent cha	nge			Contributions	to annual per	rcent change	
Total GDP by state		2.5 5.8	1.4 -13.4	0.3 1.0	-2.4 5.5	1.5 0.02	2.5 0.01	1.4 -0.03	0.3 0.00	0
utural resources and miningonstruction		-4.9	-6.1	-3.4	-8.2	-0.23	-0.21	-0.03	-0.13	-0
rable-goods manufacturing	1.2	5.1	0.8	3.3	-5.7	0.04 -0.79	0.15	0.02	0.09 -0.49	-0 -0
ndurable-goods manufacturingde	-12.0 -1.1	1.4 0.9	6.8 2.5	-8.1 -3.4	-7.0 -2.3	-0.79 -0.16	0.08 0.13	0.38 0.35	-0.49 -0.47	7
Insportation and utilities	3.3	0.7	2.5	-0.5	-2.2	0.16	0.03	0.12	-0.02	0
ormationancial activities	4.7 5.4	3.2 5.3	6.6 -1.2	-1.1 3.3	-0.2 -3.0	0.23 1.31	0.16 1.34	0.31 -0.31	-0.05 0.83	((
ofessional and business services	5.2	3.3	2.7	1.9	-1.2	0.71	0.47	0.38	0.28	-(
lucation and health services		3.1 3.5	1.5 -1.1	2.5 -0.4	-0.2 -4.6	0.15 -0.01	0.24 0.11	0.12 -0.03	0.19 -0.01	-0 -0
her services, except government	1.3	-2.0	1.4	-1.5	-4.9	0.03	-0.04	0.03	-0.03	-0
vernment	0.3	-0.1	3.4	0.7	1.0	0.03	-0.01	0.35	0.07	0
		Annu	al percent cha	ngo	New	York	Contributions	s to annual per	rcent change	
Total GDP by state	4.5	4.2	2.0	0.3	-4.3	4.5	4.2	2.0	0.3	
atural resources and mining	8.7	-0.4	-2.2	3.2	-3.2	0.03	0.00	-0.01	0.01	0
onstruction	-4.8 6.3	-3.1 1.4	1.2 5.6	6.0 1.5	-2.2 -5.2	-0.16 0.19	~0.10 0.04	0.04 0.16	0.19 0.04	-0 -0
ndurable-goods manufacturing	0.4	10.3	-1.5	-13.3	-9.4	-0.01	0.33	-0.05	-0.43	-(
de		0.8 1.6	2.7 2.3	-2.8 0.1	-1.9 -0.5	0.05 0.06	0.09 0.06	0.28 0.08	-0.28 0.00	-(-(
ormation	9.2	0.2	4.9	1.8	2.5	0.67	0.01	0.33	0.12	(
ancial activities ofessional and business services	8.6 6.2	11.0 2.0	0.9 3.3	0.8 0.1	-10.0 -4.2	2.44 0.82	3.23 0.27	0.28 0.44	0.26 0.02	7.7
ucation and health services	1.1	2.0	1.4	2.2	0.9	0.10	0.18	0.12	0.19	(
isure and hospitalityher services, except government		4.6 0.5	2.1 2.6	-0.3 0.1	-2.0 -3.6	0.03 0.06	0.17 0.01	0.08 0.06	-0.01 0.00	-(-(
vernment		-1 .1	2.0	1.4	0.9	0.17	-0.12	0.21	0.15	ŏ
					Penns	ylvania				
		Annu	al percent cha	nge			Contributions	to annual pe	rcent change	
Total GDP by state	0.6	1.5	2.4 -0.4	0.8	-1.0 -1.9	0.6	1.5 -0.02	2.4 -0.01	0.8 -0.04	_ _0
tural resources and miningnstruction		-1.9 -6.7	-5.6	-2.6 -2.4	-4.7	-0.03 -0.26	-0.31	-0.25	-0.10	-0
rable-goods manufacturing	3.9	4.4	0.8	1.9	-7.9	0.28	0.32	-0.06 0.40	0.13	-(-(
ndurable-goods manufacturingde		-3.6 1.2	6.5 l 1.0	-9.4 -2.3	-4.4 -0.9	-0.77 0.04	-0.24 0.15	0.40	-0.61 -0.27	-(-(
nsportation and utilities	0.3	0.7	4.0	-1.3	-0.5	0.01	-0.04	0.20	-0.07	-(
		0.9 5.5	4.5 3.4	2.6 5.9	2.8 -0.5	0.30 0.56	0.04 1.07	0.17 0.68	0.09 1.20) -(
ormation										– ċ
nancial activitiesofessional and business services	3.9	3.2	4.4	1.4	-0.4	0.46	0.39	0.56	0.18	
nancial activities	3.9 0.4	3.2 3.0 1.2	4.4 1.7 7.5 1.5	1.4 2.9 –2.2	-0.4 0.7 -1.3	0.46 0.04 0.02	0.39 0.33 0.04	0.19 0.23	0.18 0.32 -0.07	_0 _0 _0

^{*} Advance statistics

Table 7. Percent Change and Contributions to Percent Change in Real Gross Domestic Product (GDP) by State, 2005–2009—Continues

	2005	2006	2007	2008	2009 *	2005	2006	2007	2008	2009 *
					Great	Lakes				
		Annu	al percent cha	nge			Contributions	to annual per	rcent change	
Total GDP by state (ura) resources and mining	0.7 -15.4	0.5 8.4	1.4 -2.4	-0.6 15.7	-3.4 5.0	0.7 -0.19	0.5 0.08	1.4 -0.03	-0.6 0.19	-3.4 0.07
nstructionrable-goods manufacturing	-6.6 2.8	-7.9 -0.1	-6.2 4.8	-2.9 -4.0	-8.7 -14.4	-0.30 0.33	-0.36 -0.01	-0.27 0.54	-0.12 -0.45	-0.34 -1.53
ndurable-goods manufacturing	-5.7	-0.9	8.4	-10.5	-6.9	-0.38	-0.06	0.51	-0.69	-0.42
densportation and utilities	0.4 3.0	0.1 1.7	0.9 2.6	-2.9 -0.9	-3.1 -1.5	0.06 0.14	0.01 0.09	0.12 0.13	-0.36 0.05	-0.37 -0.07
ormationancial activities	7.2 2.8	-2.8 1.9	5.6 1.5	1.8 2.6	-0.5 -0.5	0.22 0.54	-0.09 0.37	0.16 0.30	0.05 0.51	-0.0° -0.0°
ofessional and business services	2.8	1.2	0.6	8.0	-5.0↓	0.31	0.14	0.07	0.10	-0.60
ucation and health servicessure and hospitality	1.9 1.7	2.7 1.2	0.8 0.6	2.4 -1.9	0.7 -3.2	0.15 0.05	0.22 0.04	0.07 0.02	0.20 -0.06	0.00 -0.1
ner services, except government	-1.3 -2.0	-1.5 0.5	1.4 -2.6	-0.9 0.9	-5.1 1.3	-0.03 -0.21	-0.04 0.06	0.04 -0.27	-0.02 0.09	-0.13 0.14
					IIIin			-7		
		Annu	al percent cha	nge		J	Contributions	to annual per	rcent change	
Fotal GDP by state	0.7	2.4	1.6	-0.2	-3.4	0.7	2.4	1.6	-0.2	-3.
ural resources and mining	-32.7	21.8	3.2	27.4	9.5	-0.37	0.16	0.03	0.29	0.1
nstructionable-goods manufacturing	-4.8 2.5	-4.2 5.8	-5.9 1.5	-0.6 -0.8	-8.8 -12.2	-0.23 0.18	-0.21 0.41	-0.28 0.11	-0.03 -0.06	-0.3 -0.8
durable-goods manufacturing	-4.1	-7.2	5.6	-11.8	-6.0	-0.25	-0.42	0.29	-0.63	-0.2
esportation and utilities	1.5 2.9	2.0 2.2	2.8 1.3	-3.6 -0.4	-3.1 -2.3	0.19 0.15	0.26 0.12	0.36 0.07	0.46 0.02	-0.3 -0.1
mation	8.9 2.6	-1.3 6.1	6.6 1.8	1.8 1.5	−1.5 −3.4	0.33 0.59	-0.05 1.38	0.23 0.41	0.06 0.35	-0.0 -0.8
lessional and business services	4.1	2.9	1.6	0.7	-4.4	0.54	0.39	0.23	0.10	-0.6
cation and health services	2.4 5.1	3.3 2.9	1.9 1.5	2.0 -1.7	1.0 -3.2	0.18 0.17	0.25 0.10	0.14 0.05	0.15 -0.06	0.0 -0.1
er services, except government	-0.1	-0.3	2.5	-0.1	-4.5	0.00	-0.01	0.07	0.00	-0.1
ernment	-7.1	-0.3	-0.6	0.9	2.0	-0.73	-0.03	-0.05	0.08	0.1
ļ				·	Indi	ana T				
	[al percent cha					to annual pe		
ral resources and mining	0.3 -22.1	1.1 8.0	3.1 0.9	0.1 23.9	-3.6 8.6	0.3 -0.36	1.1 0.10	3.1 0.01	0.1 0.37	-3. 0.1
ructionlle-goods manufacturing	-5.1 0.1	-8.9 -1.0	-2.1 12.3	-0.6	-9.4	-0.24	-0.42	-0.09	-0.03	-0.3
urable-goods manufacturing	-9.4	-2.8	23.4	-6.4 -3.9	-14.7 -6.0	0.02 -1.00	-0.17 -0.27	1.98 2.16	-1.09 -0.44	-2.2 -0.6
portation and utilities	1.1 5.5	0.3 3.6	-0.1 -0.1	-1.9 i 1.7	-2.8 0.2	0.13 0.29	0.03 0.20	-0.01 0.00	-0.22 0.09	-0.3 0.0
nation	6.9	-2.3	3.9	3.5	2.7	0.16	-0.05	0.08	0.07	0.0
cial activitiesssional and business services	5.1 3.7	-1.1 1.4	2.2 1.8	5.2 2.1	0.5 -3.6	0.79 0.26	-0.18 0.10	0.35 0.14	0.82 0.16	0.0 -0.2
ation and health services	3.2	2.9	0.2	2.9	1.1	0.25	0.23	0.01	0.23	0.0
re and hospitalityservices, except government	0.5 -0.4	0.8 -0.3	-1.4 0.7	-0.6 -0.2	2.9 5.1	0.02 -0.01	0.03 -0.01	-0.05 0.02	-0.02 -0.01	-0.1 -0.1
ent	0.4	15.6	-13.5	1.7	1.7	0.04	1.52	-1.53	0.17	0.1
					Mich	igan				
			al percent cha					to annual pe		
tal GDP by stateal resources and mining	0.4 -0.4	-2.0 10.9	0.4 -13.5	-2.7 15.8	~5.2 2.6	0.4 0.00	-2.0 0.09	0.4 -0.14	-2.7 0.16	~ 5.2 0.03
ructionle-goods manufacturing	-8.1 3.1	-12.5 -5.4	-9.7 11.6	-6.9 -9.3	-11.2 -18.6	-0.36 0.46	-0.55 -0.76	-0.40 1.50	-0.26 -1.29	-0.4i -2.3
rable-goods manufacturing	-9.7	7.7	3.0	-10.4	-10.5	-0.40	0.28	0.12	-0.43	-0.4
ortation and utilities	-0.7 0.2	-2.3 -0.4	-0.7 3.3	-2.8 -5.7	-4.8 -1.1	0.09 0.01	-0.30 -0.02	-0.09 0.15	-0.35 0.26	-0.6 -0.0
tion	4.6	-4.6	2.0	-0.7	-5.4	0.13	-0.13	0.05	-0.02	-0.1
al activitiesional and business services	1.3 1.1	0.1 -2.5	~1.3 -2.5	-1.6 -1.0	0.9 -8.8	0.23 0.14	0.02 -0.33	-0.24 -0.34	-0.30 -0.13	0.1 -1.1
on and health services	2.3	1.9	0.7	2.7	-0.4	0.18	0.15	0.06	0.23	-0.0
nd hospitalityvices, except government	1.1 -2.7	0.3 -2.4	-0.4 -0.1	-2.5 -1.2	-4.1 -6.5	0.04 -0.07	0.01 -0.06	-0.01 0.00	-0.08 -0.03	-0.1 -0.1
nt	1.4	-3.5	-2.6	0.4	0.8	0.15	-0.40	~0.30	0.05	0.1
			el nor		Ot	nio T	Onnich d			
otal GDP by state	0.5		al percent cha					to annual pe		
al resources and mining	0.5 11.5	-0.9 0.7	1.0 -9.1	-0.7 5.4	-2.7 1.5	-0.12	-0. 9 0.01	1.0 -0.09	- 0.7 0.06	-2. 0.02
truction ble-goods manufacturing	-8.8 3.7	-8.7 -1.7	6.8 1.3	-4.3 -2.1	-6.1 -14.0	-0.37 0.46	-0.35 -0.21	~0.27 ~0.15	-0.16 -0.24	-0.2 -1.5
durable-goods manufacturing	-5.0	0.9	5.9	-15.3	-6.8	-0.33	0.06	0.38	-1.03	-0.4
e sportation and utilities	0.0 4.0	-1.0 2.5	1.0 6.2	-3.1 0.2	-2.5 2.5	-0.01 0.19	-0.13 0.12	0.12	-0.39	-0.3 -0.1
nation	6.3	-5.7	5.8	1.6	1.2	0.19	-0.12 -0.17	0.31 0.16	0.01 0.04	0.0
cial activitiesssional and business services	2.0 2.7	-1.5 1.5	1.8	3.5 2.1	1.8	0.37 0.29	-0.28	0.33	0.65	0.3
tion and health services	1.2	2.9	-0.3	2.1	-3.7 0.9	0.10	0.17 0.25	0.13 -0.03	0.24 0.19	-0.44 0.09
		-0.6	1.9	-2.7	-3.0	-0.02	-0.02	0.06	-0.09	-0.09
and hospitality rvices, except government	-0.7 -3.3	-0.6 -3.7	1.3	-2.2	-5.2	-0.09	-0.09	0.03	-0.06	-0.13

^{*} Advance statistics

Table 7. Percent Change and Contributions to Percent Change in Real Gross Domestic Product (GDP) by State, 2005–2009—Continues

	2005	2006	2007	2008	2009 *	2005	2006	2007	2008	2009 *
					Wisco	onsin				
		Annu	al percent cha	nge			Contributions	to annual per	cent change	
otal GDP by stateral resources and mining	1.8 1.4	1.7 0.2	1.4 5.4	1.3 2.8	-2.1 -0.5	1.8 0.03	1.7 0.00	1.4 0.10	1.3 0.06	-2.1 -0.01
struction	-6.9	-8.0	-4.8	-3.7	-8.9	-0.33	-0.37	-0.21	-0.16	-0.35
ble-goods manufacturingdurable-goods manufacturing	5.1 -1.3	5.9 3.8	-0.6 2.6	1.6 -10.9	-10.9 -6.8	0.62 -0.11	0.72 0.30	-0.07 0.20	0.18 -0.88	1.24 0.50
9	0.0	1.4	-0.2	-1.5	-1.8	0.00	0.17	-0.03	-0.18	-0.21
sportation and utilitiesmation	2.3 8.0	0.0 ¹ 0.7	1.8 8.3	-0.8 4.0	0.6 3.5	0.11 0.24	0.00 0.02	0.09 0.24	-0.04 0.12	0.03 0.10
ncial activities	5.1	1.3	3.9	8.1	1.8	0.98	0.25	0.76	1.61	0.38
essional and business servicesestion and health services	1.2 0.6	3.5 2.4	1.2 1.4	1.6 3.4	-2.9 0.8	0.10 0.06	0.30 0.21	0.11 0.12	0.14 0.31	-0.26 0.07
are and hospitality	-0.2	2.6	-0.3	-1.2	-2.5	-0.01	0.08	-0.01	-0.04	-0.08
r services, except government	0.6 0.6	-0.4 0.8	2.2 0.5	-0.4 1.4	-4.3 1.1	0.02 0.07	0.01 0.08	0.06 0.05	-0.01 0.15	-0.11 0.12
					Plai	ins				_
	,	Annu	al percent cha	nge			Contributions	to annual per	cent change	
otal GDP by state	1.6	1.1	2.5	2.2	-1.2	1.6	1.1	2.5	2.2	-1.2
ral resources and mining	-2.5	-3.4	0.9	30.4	7.1	-0.09	-0.10	0.03	1.07	0.28
structionble-goods manufacturing	-4.3 6.0	-6.4 3.5	-3.6 1.8	-1.3 -2.4	-6.6 -7.6	-0.20 0.50	-0.30 0.29	-0.17 0.15	-0.06 -0.19	-0.27 -0.56
durable-goods manufacturing	-1.3	5.3	4.1	-3.5	-8.3	-0.08	0.31	0.24	-0.21	-0.50
sportation and utilities	0.5 1.2	0.6 0.7	1.2 4.0	-0.2 0.5	-0.6 -1.5	0.07 0.07	0.08 0.04	0.15 0.22	-0.03 -0.03	-0.07 -0.08
mation	6.2	0.0	8.2	1.5	2.5	0.26	0.00	0.33	0.06	0.10
ncial activitiesessional and business services	3.7 3.6	0.2 2.8	5.8 2.7	3.2 5.8	1.7 5.9	0.70 0.34	0.04 0.28	1.12 0.28	0.63 0.59	0.34 -0.63
essional and business serviceseation and health services	1.4	3.1	2.4	2.9	-5.9 1.3	0.34	0.28	0.28	0.59	-0.63 0.12
re and hospitality	0.5	2.0	0.0	-0.9	-1.8	0.02	0.07	0.00	-0.03	-0.06
r services, except governmenternment	-0.5 -0.7	-0.9 1.1	1.9 -0.4	0.0 1.3	-4.2 2.3	-0.01 -0.08	-0.02 0.13	0.05 -0.05	0.00 0.15	-0.11 0.27
					lov	va			 :	
		Annua	al percent cha	nge			Contributions	to annual per	cent change	
tal GDP by state	1.7	0.9	5.0	3.2	-0.2	1.7	0.9	5.0	3.2	-0.2
ral resources and miningstruction	-13.9 -1.1	0.2 -2.9	7.8 -4.3	33.1 1.4	7.8 -6.8	-0.74 -0.04	0.01 -0.12	0.34 -0.18	1.65 0.06	0.44 0.25
ble-goods manufacturing	5.9	3.5	-0.7	-7.0	-10.2	0.64	0.39	-0.08	-0.73	-0.93
lurable-goods manufacturing	-6.4 1.5	11.4 0.5	4.5 2.0	2.9 1.8	-6.0 1.0	-0.55 0.17	0.88 0.06	0.37 0.23	0.24 0.20	-0.52 0.11
esportation and utilities	0.7	2.3	4.5	-1.1	0.4	0.03	0.12	0.24	-0.06	0.02
mation	6.3	0.0	4.5	4.5	2.5	0.19	0.00	0.13	0.13	0.07
ncial activitiesessional and business services	7.2 4.0	-3.6 3.8	15.5 4.8	4.2 3.1	2.6 -0.1	1.59 0.22	-0.83 0.21	3.45 0.28	1.03 0.18	0.65 -0.01
cation and health services	0.9	1.7	1.3	4.0	0.5	0.07	0.12	0.09	0.29	0.04
ure and hospitalityr services, except government	0.2 -0.2	3.2 1.0	2.0 3.7 :	2.1 0.5	-2.8 2.6	0.01 -0.01	0.09 -0.02	0.06 0.09	0.06	-0.08 -0.06
nment	1.0	0.3	-0.2	1.8	2.7	0.11	0.03	-0.02	0.20	0.29
					Kan	sas				
44 000 have a			al percent cha		- 1			to annual per		
ral resources and mining	2.2 6.7	3.5 -9.5	4.7 -6.4	1.6 33.1	-1.1 7.3	2.2 0.29	3.5 -0.41	4.7 -0.26	1.6 1.38	-1.1 0.35
truction	-3.4	-5.4	-2.8	1.6	-5.8	-0.14	-0.22	-0.11	0.06	-0.21
ble-goods manufacturingurable-goods manufacturing	1.4 16.4	25.2 4.3	17.5 6.3	-11.1 -8.5	-8.6 -5.4	0.11 0.86	1.95 0.26	1.60 ¹ 0.38 ¹	-1.10 -0.51	-0.73 0.31
)	0.3	1.6	2.5	0.2	-0.4	0.05	0.22	0.32	0.03	-0.05
portation and utilitiesnation	-0.4 6.9	0.8 4.7	1.9 l 11.0	1.0 -0.5	0.5 -6.8	-0.03 0.45	0.04 0.30	0.11 0.68	0.05 -0.03	0.02 -0.41
ncial activities	2.0	0.2	7.7	5.1	1.0	0.31	0.04	1.14	0.77	0.16
essional and business services	8.4 0.5	8.2 2.3	3.5 2.4	5.2 3.8	-2.3 1.1	0.71 0.04	0.74 0.18	0.33 0.18	0.49 (0.28)	0.22 0.09
ure and hospitality	-2.1	2.5	-3.2	-1.4	-1.1	-0.07	0.08	-0.10	-0.04	-0.03
r services, except government	0.8 -3.0	-0.3 2.3	2.4 3.0	0.2 1.9	-4.8 2.6	0.02 -0.43	-0.01 0.32	0.07 0.42	0.00 0.26	-0.13 0.38
	5.5	2.0		1.0	Minne	li	3.02		3.20	
		Annu	al percent cha	nge	om i) ic		Contributions	to annual per	cent change	
otal GDP by state	1.7	0.2	0.7	1.8	-2.3	1.7	0.2	0.7	1.8	-2.3
ral resources and miningstruction	14.5 -4.9	5.8 -8.7	-15.2 -4.8	35.9 -5.1	-0.3 -8.8	0.28 -0.26	0.11 ~0.46	-0.33 -0.24	0.74 -0.24	-0.01 -0.38
ble-goods manufacturing	6.9	1.7	-1.7 [!]	3.0	-5.0	0.59	0.15	-0.14	0.23	-0.38
durable-goods manufacturing	-3.8 0.4	-1.7 1.0	-2.8	-1.5 -0.8	-5.3 -2.4	-0.21 0.05	-0.09 0.12	-0.15 -0.08	-0.08	-0.26 -0.20
esportation and utilities	0.4	1.0 ¹ -3.6 ¹	-0.6 5.6	-0.8 -2.9	-2.4 -3.7	0.05	0.12 -0.16	-0.08 0.24	-0.09 -0.13	-0.29 -0.16
mation	7.3	-4.2	5.4	2.6	2.5	0.27	-0.15	0.18	0.09	0.08
ncial activitiesessional and business services	3.3 0.4	-0.4 2.2	2.7 3.7	1.3 5.7	0.3 -8.1	0.72 0.05	-0.08 0.26	0.59 0.45	0.29 0.73	0.06 -1.06
	1.9	5.3	3.8	1.8	2.1	0.16	0.45	0.34	0.17	0.20
ation and health services										
ation and health services re and hospitalityservices, except government	0.5 -1.3	3.2 -1.4	-1.0 0.6	-1.3 -0.6	-3.4 -4.8	0.02 -0.03	0.10 -0.04	-0.03 0.01	-0.04 -0.01	-0.11 -0.12

^{*} Advance statistics

Table 7. Percent Change and Contributions to Percent Change in Real Gross Domestic Product (GDP) by State, 2005–2009—Continues

	2005	2006	2007	2008	2009 *	2005	2006	2007	2008	2009 *
					Miss	souri				
			al percent char	nge				to annual per	cent change	
Total GDP by state iatural resources and mining onstruction urable-goods manufacturing	0.8 -18.4 -4.6 5.5	0.2 3.3 -6.1 -5.2	1.2 -14.1 -4.1 -3.0	1.5 23.6 -1.4 -2.3	-2.2 8.0 -10.0 -7.3	0.8 -0.34 -0.23 0.43	0.2 0.05 -0.30 -0.41	1.2 0.22 0.20 0.22	1.5 0.34 -0.06 -0.16	-2. 0.1 -0.4 -0.4
londurable-goods manufacturing	-5.8 0.8 1.9	1.9 -0.1 2.0	7.1 1.3 2.8	-6.3 -1.8 0.1	-15.3 -1.1 -0.8	-0.40 0.10 0.10	0.12 -0.01 0.10	0.44 : 0.17 : 0.15 :	-0.42 -0.24 0.01	-0.9 -0.1 -0.0
inancial activities	5.1 0.9	0.8 1.7	6.1 2.6	5.1 3.1	8.6 1.7	0.10 0.25 0.15	0.10 0.04 0.27	0.13 0.28 0.42	0.24 0.50	-0.0 0.4 0.2
rofessional and business services ducation and health services	4.6 1.6	0.4	0.7 1.5	7.2 2.6	-8.8 1.2	0.53 0.14	0.04 0.17	0.09	0.90	-1.1 0.1
eisure and hospitalityther services, except government	2.1 1.2	0.8 -0.3	0.7 1.5	-2.1 0.0	-1.4 -4.9	0.09	0.03 -0.01	0.03 0.04	-0.09 0.00	-0.0 -0.1
iovernment	-0.2	1.1	0.3	2.1	2.4	-0.02	0.13	0.04	0.26	0.3
		Annua	al percent char	ıge	Nebr	аѕка	Contributions	to annual per	cent change	
Total GDP by state	2.0	2.7	3.9	1.8	0.3	2.0	2.7	3.9	1.8	_0
atural resources and mining	4.7 -7.0	-12.2 -6.9	13.3	18.8 -0.8	11.1	0.28 -0.31	-0.65 -0.31	0.67 0.04	1.14 -0.03	0.0 0.0
urable-goods manufacturing	4.0 13.6	4.3 25.6	4.5 7.9	3.1 -8.0	-8.1 -7.0	0.24 0.64	0.25 1.29	0.26 0.46	0.18 -0.48	-0. -0.
rade	-2.1 2.0 2.4	-0.4 3.2 -2.8	1.8 4.9 24.3	0.7 -1.1	0.5 -5.1	-0.27 0.18	-0.05 0.30 -0.10	0.22 0.46 0.78	0.08 -0.11	0. -0. -0.
inancial activities rofessional and business services	6.6 4.4	3.7 6.5	5.7 1.6	-12.7 3.9 4.6	-0.4 2.5 0.7	0.09 1.19 0.37	0.70 0.56	1.06 0.14	0.46 0.72 0.40	-0. 0. 0.
ducation and health services eisure and hospitality	1.1 -1.4	2.7 0.5	1.7 -0.1	3.2 -0.3	0.7 0.1 -0.4	0.09 -0.04	0.36 0.21 0.01	0.14 0.00	0.40 0.25 -0.01	0.0 0.0
other services, except government.	-5.0 -2.1	-1.0 3.8	2.7 -2.7	0.3 1.0	-2.6 2.9	-0.13 0.28	-0.02 0.51	0.07 ~0.36	0.01 0.12	-0. -0. 0.
OVANIMOI I.	-2.1	0.0	-2.1	1.0	North I		0.51	~0.30	0.12	· · · · · · · · · · · · · · · · · · ·
		Annua	al percent chai	nge			Contributions	to annual per	cent change	
Total GDP by state	2.7 1.1	2.4 7.6	4.1 14.6	7.5 29.7	3.9 9.6	2.7 0.10	2.4 0.62	4.1 1.38	7.5 3.42	1.
onstructionurable-goods manufacturing	-4.3 36.7	-4.2 4.6	-1.1 -1.9	12.3 11.7	9.0 -11.5	-0.19 1.91	-0.19 0.31	-0.05 -0.13	0.50 0.68	0. -0.
ondurable-goods manufacturingade	-6.3 2.1	13.5	12.2	8.7 4.3	-1.3 4.6	-0.20 0.32	0.39 0.05	0.38 0.30	0.29 0.60	-0. 0.
ansportation and utilities	2.8 10.3	3.1 1.5	4.2 8.6	5.8 -1.6	4.8 10.0	0.19 0.35	0.22 0.05	0.30 0.28	0.40 -0.05	0. 0.
nancial activitiesofessional and business services	1.9	2.7 5.1	9.4	9.6 4.4	4.9 2.2	0.30 0.34	0.43 0.29	1.47	1.56 0.26	0. 0.
ducation and health serviceseisure and hospitality	0.9	2.2	2.4	4.7 2.4	2.3	0.08 0.06	0.20 0.03	0.21 0.13	0.41	0. 0.
other services, except government	1.5	-2.8 0.2	3.0 -2.9	1.2 -4.7	-2.1 4.1	0.04 -0.56	-0.08 0.03	0.08 -0.46	0.03 -0.69	-0. 0.
					South					
		Annu	al percent char	nge			Contributions	to annual per	cent change	
Total GDP by state	2.1 -10.1	-22.0	4.6 30.8	4.6 38.6	2.2 9.0	2.1 -0.84	0.4 -1.43	4.6 1.70	4.6 2.97	0.2 0.2
Construction	-3.1 6.6	-3.6 4.2	-2.3 10.2	-1.0 2.4	1.7 -8.4	-0.13 0.46	-0.15 0.30	-0.10 0.73	-0.04 0.17	0. -0.
londurable-goods manufacturingrade	10.6	13.8 1.6	9.5 4.1	-10.6 0.2	-4.0 1.6	0.24 0.24	0.34 0.20	0.25 0.54	-0.29 0.02	-0. 0.
ansportation and utilities formation	4.2 12.8	1.0 4.3	3.8 8.3	2.4 0.5	1.2 3.6	0.17 0.31	0.04 0.11	0.17 0.21	0.10 0.01	0
nancial activitiesofessional and business services	5.9 6.8	3.0 1.9	2.9 7.0	3.4 4.5	4.6 -1.6	1.55 0.32	0.80 0.10	0.80 0.36	0.92 0.24	1 -0
ducation and health services	0.9 0.5	2.4 2.1	2.6 1.0	5.2 1.0	1.7 0.9	0.08 0.02	0.21 0.08	0.23 0.04	0.46 0.04	0
ther services, except governmentovernment	-4.1 -1.2	-1.1 -0.9	3.1 -2.9	1.0 -0.4	-3.3 3.9	-0.11 -0.16	-0.03 -0.11	0.08 -0.37	0.03 -0.05	-0. 0.
					Sout	heast				
Tabel CDD by shale			al percent char					to annual per		
Total GDP by state	4.1 -8.4	2.5 0.9	1.1 -10.8	-0.8 2.3	-2.0 4.8	4.1 -0.21	0.02	1.1 -0.26	-0.8 0.05	0
onstruction	0.8 8.2	-0.8 8.2	-5.7 0.1	-5.8 0.0	-11.3 -7.8	0.05 0.51	-0.05 0.51	-0.32 0.01	-0.31 0.00	-0 -0
ondurable-goods manufacturingade	3.9	-3.4 3.5	-0.5 1.5	-9.7 -4.1	-5.4 -2.8	0.29 0.44	-0.25 0.46	-0.03 0.19	-0.67 -0.54	-0 -0
ansportation and utilitiesformation	3.5 9.8	3.5 1.4	3.1 4.4	−0.3 0.5	-0.6 1.7	0.18 0.39	0.18 0.06	0.15 0.17	-0.01 0.02	-0 0
nancial activitiesofessional and business services	7.9 6.3	3.9 2.9	2.1 1.5	0.8 0.6	-1.7 -1.3	1.40 0.68	0.71 0.32	0.39 0.16	0.15 0.07	-0 -0
ducation and health services	2.6 2.7	4.0 2.6	2.3 1.4	2.9 -1.6	1.2 -2.9	0.19 0.11	0.29 0.10	0.17 0.06	0.22 -0.07	-0 -0
eisure and hospitalityther services, except government	0.1	1.1	2.3	-0.6	-4.7	0.00		0.06	-0.01	-0

^{*} Advance statistics

Table 7. Percent Change and Contributions to Percent Change in Real Gross Domestic Product (GDP) by State, 2005–2009—Continues

	2005	2006	2007	2008	2009 *	2005	2006	2007	2008	2009 *
1 10 10 10 10 10 10 10 10 10 10 10 10 10					Alat	oama				L
		Annı	ual percent ch	ange			Contributions	s to annual pe	rcent change	
Total GDP by state Natural resources and mining. Construction Durable-goods manufacturing		-12.1 -1.8	1.4 -11.0 -1.0 -2.1	0.9 -2.3 -2.5 8.6	-2.1 1.5 -9.8 -8.2	2.8 -0.05 -0.08 1.24	1.8 -0.42 -0.09 0.56	1.4 -0.36 -0.05 -0.22	0.9 -0.08 -0.13 0.84	-2.1 0.05 -0.47 -0.84
Nondurable-goods manufacturing	-7.6	-3.1	2.8 2.0	-11.3 -2.2	-6.5 -3.3	-0.62 0.59	-0.23 0.32	0.20 0.28	-0.80 -0.29	-0.41 -0.43
Transportation and utilitiesnformation		2.9 -2.3	4.4 -7.7	1.3 0.0	-1.8 -2.5	0.08 0.29	0.16 -0.07	0.25 -0.21	80.0 0.00	-0.10 -0.06
Financial activities Professional and business services	3.5	3.9	3.7 2.7	4.6 3.4	-0.3 0.4	0.34 0.31	0.59 0.34	0.53 0.24	0.67 0.31	-0.04 0.04
Education and health services Leisure and hospitality	3.4	2.8	1.4 0.9	1.9 0.1	0.3 -0.7	0.27 0.10	0.26 0.08	0.10 0.02	0.14 0.00	0.02 -0.02
Other services, except government			2.6 3.6	-0.3 1.2	-4.2 1.8	0.09 0.20	0.06 0.29	0.08 0.56	-0.01 0.20	-0.13 0.30
					Arka	insas	Cookile if			
Total GDD by state	2,9	1	ual percent cha	ange 1.0	0.6	2.9		s to annual pe		
Total GDP by state			3.8 -4.7	18.9 1.1	6.6 -0.6	-0.53 -0.09	2.7 0.06 -0.19	0.16 -0.21	0.93 0.05	0.6 0.35 -0.03
urable-goods manufacturing	2.0	3.4	-3.2 -10.3	-3.2 -10.1	-9.9 -5.8	0.20 0.17	0.33 0.08	-0.31 -0.86	-0.29 -0.75	-0.86 -0.39
rade ransportation and utilities.	3.6	2.8	1.3	0.5 -0.4	0.6 -2.3	0.51 0.36	0.40 0.23	0.19 0.03	0.06 -0.03	0.08 -0.17
inancial activities	14.9		30.5 6.5	-19.9 6.5	20.9	0.50 0.64	0.23 0.18 0.70	1.05 0.85	-0.85 -0.89	0.69 0.18
rofessional and business services	3.7	3.5	0.1	5.8	3.1	0.29	0.28	0.01	0.47	0.26
ducation and health serviceseisure and hospitality	3.8	3.8	1.1	4.2 1.0	1.4 0.4	0.18 0.10	0.25 0.11	0.09 0.05	0.32 0.03	0.11 0.01
overnment			1.2 -0.4	1.5 1.1	-4.0 3.3	-0.04 0.58	0.07 0.19	0.03 -0.06	0.04 0.15	-0.11 0.46
		Anni	val paraent ab		Flo	rida	Contributions	to oppusi so	t abanca	
Total GDP by state	6.1		ual percent cha	-3.0	-3.4	6.1	3.9	to annual pe	-3.0	-3.4
latural resources and mining	16.6		-13.0 -11.0	-0.4 -11.8	-4.0 -15.4	0.17 0.44	0.03 0.02	-0.14 -0.86	0.00 -0.81	-0.04 -0.95
onstruction urable-goods manufacturing ondurable-goods manufacturing	16.4		10.5	-3.9 -0.8	-6.5 -8.0	0.53 -0.14	0.33 0.10	0.36 0.06	-0.14 -0.01	-0.22 -0.14
ade	5.6		0.1	-6.3	-3.5	0.81	0.61	0.02	-0.90	-0.47 -0.47 0.03
ansportation and utilitiesformation	12.7	1.3	2.7 4.0	-0.8 1.6	0.6 0.1	0.31 0.55	0.40 0.06	0.13	-0.04 0.06	0.00
nancial activities rofessional and business services	7.7	0.3	1.0 -2.4	2.8 5.5	-3.3 -3.7	2.77 0.98	1.58 0.04	0.23 -0.30	-0.67 -0.68	-0.80 -0.44
ducation and health serviceseisure and hospitality	4.9	4.8 3.6	1.8 1.0	2.6 1.7	0.8 -4.3	0.19 0.28	0.37 0.20	0.14	0.20 -0.10	0.07 -0.25
ther services, except governmentovernment			1.5 10.0	-1.7 0.9	-6.0 0.2	0.02 -0.77	0.06 0.07	0.04 1.06	-0.05 0.11	-0.17 0.02
					Geo	orgia		L		
Total CDB by state			ual percent cha		2.1			to annual pe		0.1
Total GDP by state	3.0	-13.5	-10.8	-1.9 9.4	-3.1 5.4 -14.2	2.9 0.04 -0.15	1.9 -0.16 -0.18	-0.11	-1.9 0.10	-3.1 0.06 -0.68
onstructionurable-goods manufacturing	0.6	4.3	-3.4 3.9	-6.1 -1.3	-7.9	0.03	0.21	-0.18 0.19	-0.31 -0.06	-0.36
ondurable-goods manufacturingade	3.1	3.7	6.8 0.7	-15.2 -4.4	10.0 3.6	0.06 0.44	-0.75 0.54	0.45 0.10	-1.06 -0.63	-0.62 -0.49
ansportation and utilitiesformation	10.4	4.4	5.7 9.1	-2.2 -0.9	-1.1 1.9	0.03 0.65	0.01 0.28	0.32 0.56	-0.13 -0.06	-0.06 0.12
nancial activitiesrofessional and business services	7.5	1.2	2.0 2.5	-1.4 1.1	-3.8 -2.7	0.41 0.83	1.31 0.14	0.36 0.30	-0.26 0.12	-0.70 -0.32
ducation and health serviceseisure and hospitality	3.2	3.7	2.4 -0.8	2.3 -2.6	2.1 -2.7	0.21 0.11	0.25 0.13	0.16 -0.03	0.16 -0.09	0.15 0.10
ther services, except governmentovernment			1.5 2.0	-1.9 3.1	-4.1 0.0	0.03 0.25	0.02 0.12	0.04 0.26	-0.05 0.41	-0.10 0.00
					Kent	tucky				
		Annı	al percent ch	ange	1		Contributions	to annual pe	rcent change	
Total GDP by statelatural resources and mining	5.1	3.4	0.4 –15.6	0.9 4.7	-1.8 -10.4	2.5 -0.21	2.3 0.13	0.4 -0.69	0.9 0.19	-1.8 -0.44
onstructionurable-goods manufacturing	4.9	7.4	−1.1 −7.5	0.8 -1.4	-4.2 -11.0	-0.17 0.55	-0.33 0.81	-0.05 -0.83	0.03 -0.14	-0.17 -1.02
londurable-goods manufacturingrade	0.4	8.5	4.3 2.7	-3.4 -2.7	-5.6 -1.3	-0.03 0.24	0.65 0.24	0.34 0.35	-0.28 -0.36	-0.46 -0.16
ransportation and utilitiesformation	3.9	0.3	5.2 5.1	-2.2 4.6	0.5	0.25 0.24	0.02 0.05	0.33 0.13	-0.14 0.12	0.03
inancial activities rofessional and business services	1.6	0.5	4.6 1.3	4.4 3.4	0.0 -0.4	0.22 0.76	0.03 0.07 0.29	0.60 0.11	0.60 0.28	0.00 -0.03
ducation and health services eisure and hospitality	3.0	1.1	1.3 -1.6	2.5 -1.3	2.0	0.25 0.01	0.09 -0.01	0.11 -0.05	0.21 -0.05	0.17 -0.01
eistre and nospitality ther services, except government	1.0	-2.0	2.1 0.2	0.1 2.7	-0.3 -3.6 1.7	-0.02 0.44	-0.01 -0.05 0.30	0.05 0.03	0.00 0.41	-0.01 -0.09 0.26
2010 HOLL	3.1	2.0	L 0.2	2.1	1.7	0.44	0.30	0.03	0.41	U.20

^{*} Advance statistics

Table 7. Percent Change and Contributions to Percent Change in Real Gross Domestic Product (GDP) by State, 2005–2009—Continues

	2005	2006	2007	2008	2009 *	2005	2006	2007	2008	2009 *
					Louis	iana				
			al percent cha	<u> - </u>			Contributions		· · · · · · · · · · · · · · · · · · ·	
Total GDP by state Natural resources and mining Construction Durable-goods manufacturing Vondurable-goods manufacturing	23.9 1.6 13.7	-2.2 11.8 9.2 3.9 -18.0	-4.3 -8.4 2.2 8.3 -21.1	- 0.6 -5.3 8.5 -1.8 -13.8	2.5 15.3 3.4 -6.4 8.4	3.4 2.64 0.07 0.47 5.18	-2.2 1.10 0.38 0.14 -4.70	- 4.3 -0.95 0.10 0.29 - 4.7 1	-0.6 -0.67 0.42 -0.07 -2.52	2.5 1.66 0.18 -0.24 1.30
Trade Fransportation and utilities Information	0.9 4.0	7.2 ! 5.4 -2.9	3.0 7.1 4.8	-3.2 6.4 3.9	-1.0 -1.1 -1.2	0.10 0.22 0.22	0.71 0.28 -0.06	0.32 0.39 0.09	-0.36 0.37 0.08	-0.11 -0.07 -0.03
inancial activities. Professional and business services. Education and health services. Leisure and hospitality	0.2 2.8 1.5	3.2 6.9 -0.7 -3.4	1.6 3.3 3.2 3.6	8.6 4.5 4.0 0.6	-1.2 -2.4 -1.9 2.5 -1.6	0.02 0.20 -0.10 -0.08	0.34 0.46 -0.04 -0.12	0.18 0.24 0.19 0.12	0.99 0.35 0.25 0.02	-0.00 -0.31 -0.16 0.17 -0.06
Other services, except government	2.2	-0.7 -5.9	3.5 -6.2	0.4 5.2	-4.3 2.0	-0.05 -0.06	-0.01 -0.65	0.07 -0.66	0.01 0.54	-0.10 0.23
		Annu	al percent cha	nge	Missis	sippi	Contributions	to annual pe	rcent change	
Total GDP by state		1.9 -17.5	3.3 -2.0	2.9 3.7	-0.9 5.9	1.3 -0.64	1.9 -0.69	3.3 -0.07	2.9 0.13	-0.9
National resources and filming Construction Durable-goods manufacturing	6.4	4.3 8.9	0.5 8.8	7.5 -0.9	-9.8 -6.5	0.30 0.29	0.23 0.79	0.03 0.80	0.41 -0.08	-0.55 -0.5
Nondurable-goods manufacturing	5.3 1.3	10.3 5.9	7.8 -1.2	8.7 -3.1	1.5 -1.9	0.36 0.18	0.74 0.81	0.61 -0.17	0.71 -0.42	0.12 -0.24
Transportation and utilitiesnformation	13.2	1.6 -2.0	2.0 -1.6	1.9 5.7	0.9 1.7	0.06 0.31	0.10 -0.05	0.13 -0.04	0.12 0.12	0.03
Financial activities Professional and business services	4.2	0.3 6.7	4.4 1.9	7.8 3.6	1.1 -2.2	0.18 0.26	0.04 0.43	0.55 0.13	0.99	0.14 -0.15
Education and health services Leisure and hospitality Other services, except government	-0.1	4.9 -6.7 0.9	2.5 5.8 1.5	2.8 -2.7 0.3	1.3 -5.2 -4.7	0.01 -0.01 -0.04	0.36 -0.35 0.02	0.19 0.27 0.04	0.21 -0.13 0.01	0.10 -0.24 -0.13
Sovernment		-2.8	4.7	3.2	1.9	0.07	-0.50	0.80	0.56	0.35
		Annu	al percent cha	nge	North C	arolina	Contributions	to annual pe	rcent change	
Total GDP by state	5.6	4.3 -2.9	2.3 -20.7	- 0.6 8.8	-3.2 11.4	5.6 0.11	4.3 -0.04	2.3 -0.25	-0.6 0.09	-3. :
Construction	0.4	0.2 30.5	-1.8 -2.3	-6.2 -0.1	-14.9 -6.7	-0.02 0.82	0.01 2.18	-0.09 -0.19	-0.30 -0.01	-0.6 -0.5
londurable-goods manufacturingrade	2.3	6.7 3.1	7.9 3.9	−11.5 −3.4	-9.5 2.9	0.29 0.32	0.81 0.35	0.94 0.44	-1.45 -0.39	-1.1 -0.3
ansportation and utilitiesformation	7.6	0.4 l -1.3	1.9 4.2	-1.3 4.3	-2.7 3.9	0.00 0.25	0.02 -0.04	0.07 0.12	-0.05 0.12	-0.1 0.1
inancial activitiesrofessional and business services	4.8	-1.6 5.1	0.4 3.1	1.4 3.9	-3.0 -3.3	2.87 0.45	-0.35 0.48	0.07 0.31	0.28 0.39	-0.6 -0.3
ducation and health serviceseisure and hospitality	1.4	6.3 5.0	3.3 3.3	2.7 -0.6	0.6 -1.9	0.22 0.04	0.43 0.15	0.24 0.10	0.19 -0.02	0.0 -0.0
overnment		0.7 2.3	3.5 3.8	-0.7 4.1	-5.5 2.3	-0.02 0.31	0.02 0.30	0.08 0.50	-0.02 0.55	-0.1: 0.3:
		Annu	al percent cha		South 0	arolina	Contributions	to annual pe	rcent change	
Total GDP by state		1.5 -1.2	3.0 -27.2	-0.3	~2.5 4.0	2.0 -0.05	1.5 -0.01	3.0 -0.29	-0.3 0.09	-2.5 0.00
Construction. Durable-goods manufacturing	1.6	1.2	-4.0 2.2	-7.4 -0.1	-14.2 -5.8	-0.09 0.55	0.08 0.08	-0.25 0.20	-0.44 -0.01	-0.7 -0.5
Nondurable-goods manufacturing	-7.9	-4.5 3.0	14.9	-9.1 -4.2	-8.6 -4.0	-0.62 0.48	-0.32 0.42	1.00 0.27	-0.68 -0.58	-0.6 -0.5
Transportation and utilities	1.7	2.5 6.1	-1.0 1.2	0.9 4.3	0.2 3.6	0.09 0.26	0.13 0.16	-0.05 0.03	0.05 0.11	0.0
Financial activities	5.0	2.0 1.7	7.5 4.2	2.6 0.6	0.0 -2.8	0.36 0.45	0.31 0.16	1.16 0.39	0.42 0.06	0.0 -0.2
Education and health serviceseisure and hospitality	1.7	4.4 2.4	2.5 ! 3.7	3.1 -2.5	0.5 -3.7	0.23 0.07	0.27 0.10	0.16 0.16	0.20 -0.11	0.0 -0.1
Other services, except government		1.7 0.5	2.6 1.1	0.2 3.5	-4.9 1.9	0.00	0.05 0.08	0.07 0.18	0.01 0.57	-0.1 0.3
		Annı	al percent cha	nge	Tenne	essee	Contributions	to annual pe	rcent change	
		2.7	0.2	0.3	-3.1	2.2	2.7	0.2	0.3	-3.
Total GDP by state	-3.2	-1.5 -0.2	-36.1 -4.2	32.0 -6.1	8.0 -15.3	-0.03 -0.14	-0.01 -0.01	-0.29 -0.18	0.18 -0.25	0.0 -0.5
Natural resources and mining	-3.4			0.0	100	0.59	0.23	-0.92	0.54	-1.1
Natural resources and mining Construction Durable-goods manufacturing Nondurable-goods manufacturing	5.5 6.3	2.1 1.7	-9.0 8.0	6.0 -1 0.0	-12.2 -8.7	-0.45	0.11	0.51	-0.69	
Natural resources and mining. Construction. Durable-goods manufacturing. Nondurable-goods manufacturing. Irrade Transportation and utilities.	5.5 6.3 1.7 7.0	2.1 1.7 2.2 3.2	8.0 2.4 0.7	-10.0 -3.6 -2.8	-8.7 -4.0 -3.4	-0.45 0.25 0.39	0.11 0.33 0.19	0.51 0.36 0.04	-0.69 -0.53 -0.16	-0.5 0.1
Natural resources and mining Construction Durable-goods manufacturing Nondurable-goods manufacturing Trade Transportation and utilities Information Financial activities	5.5 -6.3 1.7 7.0 10.8 0.8	2.1 1.7 2.2 3.2 7.2 2.9	8.0 2.4 0.7 5.6 4.7	-10.0 -3.6 -2.8 1.5 4.5	-8.7 -4.0 -3.4 0.6 0.5	-0.45 0.25 0.39 0.33 0.12	0.11 0.33 0.19 0.23 0.45	0.51 0.36 0.04 0.18 0.73	-0.69 -0.53 -0.16 0.05 0.74	-0.5 0.1 0.0 0.0
Total GDP by state Natural resources and mining Construction Durable-goods manufacturing Nondurable-goods manufacturing Trade Transportation and utilities Information Financial activities Professional and business services Education and health services Leisure and hospitality	5.5 6.3 1.7 7.0 10.8 0.8 2.1	2.1 1.7 2.2 3.2 7.2	8.0 2.4 0.7 5.6	-10.0 -3.6 -2.8 1.5	-8.7 -4.0 -3.4 0.6	-0.45 0.25 0.39 0.33	0.11 0.33 0.19 0.23 0.45 0.29 0.36	0.51 0.36 0.04 0.18	-0.69 -0.53 -0.16 0.05 0.74 0.32 0.30	-0.55 -0.55 -0.19 0.02 0.09 -0.2 0.15 -0.1

^{*} Advance statistics

Table 7. Percent Change and Contributions to Percent Change in Real Gross Domestic Product (GDP) by State, 2005–2009—Continues

	2005	2006	2007	2008	2009 *	2005	2006	2007	2008	2009 *
					Virg			,		
		Annu	al percent cha	nge			Contributions	to annual per	cent change	
Total GDP by state	4.9 -6.8 -1.2	1.9 0.6 -6.3	1.1 -16.3 -6.9	0.5 4.5 -5.6	0.2 -4.4 -6.6	4.9 -0.07 -0.06	0.01 -0.33	1.1 -0.17 -0.36	0.5 0.04 -0.26	0.2 -0.04 -0.29
Durable-goods manufacturing Nondurable-goods manufacturing	8.7 4.3	0.5 1.1	1.7 0.9	-2.7 -5.9	-3.9 -7.8	0.36 0.22	0.02 0.06	0.07 0.04	-0.10 -0.27	-0.1 -0.3
raderansportation and utilities	2.1 3.9	2.3 3.7	1.5 1.7	-3.6 0.4	-1.5 0.5	0.22 0.15	0.23 0.14	0.15 0.07	-0.36 0.02	-0.1 0.0
nformation	5.2 10.3	-1.8 2.4	-1.4 1.3	-0.9 1.3	0.7 1.4	0.31 1.98	-0.10 0.48	-0.08 0.27	-0.04 0.27	0.0 0.2
Professional and business services	7.7 5.0	5.7 4.5	3.4 3.4	2.9 4.5	3.3 1.2	1.21 0.29	0.92 0.27	0.58 0.21	0.51 0.28	0.5 0 .0
_eisure and hospitality	2.2	3.2	1.0	-1.3	-2.5	0.07	0.10	0.03	-0.04	-0.0
Other services, except government	1.6 1.1	-0.1 0.8	3.5 1.5	0.6 2.3	-3.4 1.9	0.04 0.20	0.00 0.15	0.10 0.26	0.02 0.41	-0.1 0.3
		Appu	al percent cha	nga	West V		Contributions	s to annual per	reant change	
Total GDP by state	0.9	1.4	1.2	2.4	0.7	0.9	1.4	1.2	2.4	 O.
latural resources and mining	-12.4 0.1	-4.2 4.8	-1.2 -4.3	6.4 6.6	-3.2 -3.3	-1.12 0.01	-0.38 0.22	-0.11 -0.21	0.64 0.30	-0.3 -0.1
onstructionurable-goods manufacturing	14.4	-7.8	-4.9	-4.9	-6.2	0.82	-0.50	-0.28	-0.25	-0.2
ondurable-goods manufacturing	-8.5 1.6	7.6 1.8	-3.9 0.9	-0.2 -1.7	-5.0 1.2	-0.46 0.20	0.37 0.23	-0.20 0.12	-0.01 -0.21	-0.2 0.1
ransportation and utilities	-1.0 5.2	-0.6 -0.4	3.0	2.1 3.4	3.9 4.2	-0.06 0.13	-0.04 -0.01	0.18 0.02	0.13 0.08	0.2
inancial activities	2.5	4.7	6.2	5.0	2.3	0.32	0.60	0.81	0.67	0.3
rofessional and business services	4.5 0.9	1.6 1.6	2.2 0.7	3.3 3.2	1.9 3.5	0.29 0.09	0.11 0.15	0.15 0.07	0.22 0.30	0.1 0.3
eisure and hospitalityther services, except government	-0.3 0.3	0.8	-0.3 0.4	0.4 -0.9	0.5 -2.8	-0.01 0.01	0.03	-0.01 0.01	0.01 -0.02	0.0 -0.0
overnment	3.6	3.6	3.7	2.9	3.0	0.64	0.65	0.69	0.55	0.5
		Annu	al percent cha		South		Contributions	to annual per	cent change	
Total GDP by state	1.4	5.1	3.9	0.5	-1.2	1.4	5.1	3.9	0.5	-1.
atural resources and mining	-14.6 2.1	5.7 -0.8	-3.6 -0.6	0.2 0.7	2.5 -11.5	-1.33 0.11	0.50 -0.04	-0.33 -0.04	0.01 0.04	0.2 -0.6
urable-goods manufacturing	9.4	16.7	3.6	1.6	-5.7	0.62	1.11	0.25	0.10	-0.3
ondurable-goods manufacturingade	-12.2 3.1	7.2 4.3	13.6 5.4	-20.1 -1.3	-1.2 2.4	-0.82 0.40	0.43 0.55	0.83 0.68	-1.33 -0.16	-0.0 -0.2
ansportation and utilities	2.7 7.7	5.6 4.4	4.6 7.0	2.2 1.5	0.4	0.15 0.30	0.31 0.17	0.26 0.26	0.12 0.05	0.0
nancial activities	5.2	5.4	4.8	4.1	-1.8	0.82	0.86	0.76	0.64	-0.2
ofessional and business servicesducation and health services	7.5 0.6	5.8 4.3	5.8 3.0	3.4 4.4	-3.0 2.9	0.73 0.04	0.60 0.27	0.60 0.19	0.36 0.27	-0.3 0.1
eisure and hospitalityther services, except government	2.9 1.3	4.6 0.7	2.3	-0.4 0.9	-0.5 -4.0	0.10 0.03	0.16 0.02	0.08 0.07	-0.01 0.02	-0.0 -0.0
overnment	2.0	1.1	2.3	3.0	3.2	0.25	0.14	0.28	0.35	0.4
		Δηημ	al percent cha	nge	Arize		Contributions	s to annual per	rcent change	
Total GDP by state	7.4	7.2	3.0	-1.5	-3.9	7.4	7.2	3.0	-1.5	-3.
latural resources and mining	15.4 11.3	4.4 7.9	-2.7 -4.3	-8.8 -11.3	-6.9 -21.8	0.31 0.81	0.10 0.63	-0.06 -0.36	-0.22 -0.88	-0.1 -1.5
urable-goods manufacturing	-0.7 7.5	12.1 12.1	8.3 34.5	-1.6 -8.8	-2.9 -8.2	-0.06 0.09	0.84 0.14	0.56 0.42	-0.10 -0.14	-0.1 -0.1
ondurable-goods manufacturing	5.8	6.6	5.8	-5.6	-4.6	0.82	0.91	0.79	-0.78	-0.6
ransportation and utilitiestormation	3.5 4.4	6.2 3.3	5.0 3.9	-1.2 1.7	1.0 4.1	0.17 0.14	0.29 0.10	0.24 0.10	-0.06 0.04	0.0 0.1
inancial activitiesrofessional and business services	12.0 11.5	8.4 8.1	0.6 3.5	0.7 -0.8	-2.6 -5.4	2.69 1.21	1.93 0.88	0.13 0.39	0.16 -0.09	-0.6 -0.6
ducation and health services	6.0	8.7	4.8	5.8	1.5	0.44	0.63	0.36	0.44	0.1
eisure and hospitalityther services, except government	5.4 5.1	5.7 6.1	3.8 3.6	-3.6 -1.8	-4.8 -6.3	0.24 0.11	0.25 0.13	0.16 0.08	-0.15 -0.04	-0.2 -0.1
	3.5	2.9	1.8	2.2	-0.4	0.45	0.37	0.22	0.27	-0.0
		Annu	al percent cha	nge	New M	I	Contributions	to annual ner	rent change	
overnment			al percent cha	·	1			to annual per		-2
Total GDP by stateatural resources and mining	0.1 -11.6	2.2 0.6	0.0 -6.8	1.0 -6.6	-2.2 -12.9	0.1 -1.32	2.2 0.07	0.0 -0.80	1.0 -0.84	-1.4
Total GDP by state	0.1 -11.6 2.0 -0.8	2.2 0.6 1.6 -6.8	0.0 -6.8 0.3 -21.3	1.0 -6.6 5.4 -5.3	-2.2 -12.9 -10.5 -4.1	0.1 -1.32 0.10 -0.08	2.2 0.07 0.09 -0.56	0.0 -0.80 0.02 -1.43	1.0 -0.84 0.29 -0.25	-1.4 -0.5 -0.1
Total GDP by state. atural resources and mining onstruction urable-goods manufacturing ondurable-goods manufacturing.	0.1 -11.6 2.0 -0.8 -17.4	2.2 0.6 1.6 -6.8 -12.1	0.0 -6.8 0.3 -21.3 16.8	1.0 -6.6 5.4 -5.3 3.8	-2.2 -12.9 -10.5 -4.1 -1.4	0.1 -1.32 0.10 -0.08 -0.28	2.2 0.07 0.09 -0.56 -0.16	0.0 -0.80 0.02 -1.43 0.19	1.0 -0.84 0.29 -0.25 0.05	-1.4 -0.5 -0.1 -0.0
Total GDP by state	0.1 -11.6 2.0 -0.8 -17.4 -1.5 1.8	2.2 0.6 1.6 -6.8 -12.1 5.2 2.4	0.0 -6.8 0.3 -21.3 16.8 3.0 3.6	1.0 -6.6 5.4 -5.3 3.8 -2.2 2.7	-2.2 -12.9 -10.5 -4.1 -1.4 -3.7 -1.9	0.1 -1.32 0.10 -0.08 -0.28 -0.15 0.07	2.2 0.07 0.09 -0.56 -0.16 0.53 0.10	0.0 -0.80 0.02 -1.43 0.19 0.31 0.15	1.0 -0.84 0.29 -0.25 0.05 -0.23 0.12	-1.4 -0.5 -0.1 -0.0 -0.3 -0.0
Total GDP by state. alural resources and mining onstruction urable-goods manufacturing ondurable-goods manufacturing ade ansportation and utilities.	0.1 -11.6 2.0 -0.8 -17.4 -1.5 1.8	2.2 0.6 1.6 -6.8 -12.1 5.2 2.4 11.0	0.0 -6.8 0.3 -21.3 16.8 3.0 3.6 5.1	1.0 -6.6 5.4 -5.3 3.8 -2.2	-2.2 -12.9 -10.5 -4.1 -1.4 -3.7	0.1 -1.32 0.10 -0.08 -0.28 -0.15	2.2 0.07 0.09 -0.56 -0.16 0.53	0.0 -0.80 0.02 -1.43 0.19 0.31	1.0 -0.84 0.29 -0.25 0.05 -0.23	-1.4 -0.5 -0.1 -0.0 -0.3 -0.0
Total GDP by state	0.1 -11.6 2.0 -0.8 -17.4 -1.5 11.5 7.1 5.1	2.2 0.6 1.6 -6.8 -12.1 5.2 2.4 11.0 3.9 11.7	0.0 -6.8 0.3 -21.3 16.8 3.0 3.6 5.1 6.3 7.3	1.0 -6.6 5.4 -5.3 3.8 -2.2 2.7 6.9 5.8 1.2	-2.2 -12.9 -10.5 -4.1 -1.4 -3.7 -1.9 1.2 -1.1 0.0	0.1 -1.32 0.10 -0.08 -0.28 -0.15 0.07 0.28 0.92 0.49	2.2 0.07 0.09 -0.56 -0.16 0.53 0.10 0.29 0.54 1.16	0.0 -0.80 0.02 -1.43 0.19 0.31 0.15 0.14 0.87 0.80	1.0 -0.84 0.29 -0.25 0.05 -0.23 0.12 0.19 0.84 0.13	-1.4 -0.5 -0.1 -0.0 -0.3 -0.0 0.0 -0.1
Government	0.1 -11.6 2.0 -0.8 -17.4 -1.5 1.8 11.5 7.1	2.2 0.6 1.6 -6.8 -12.1 5.2 2.4 11.0 3.9	0.0 -6.8 0.3 -21.3 16.8 3.0 3.6 5.1 6.3	1.0 -6.6 5.4 -5.3 3.8 -2.2 2.7 6.9 5.8	-2.2 -12.9 -10.5 -4.1 -1.4 -3.7 -1.9 1.2	0.1 -1.32 0.10 -0.08 -0.28 -0.15 0.07 0.28 0.92	2.2 0.07 0.09 -0.56 -0.16 0.53 0.10 0.29 0.54	0.0 -0.80 0.02 -1.43 0.19 0.31 0.15 0.14 0.87	1.0 -0.84 0.29 -0.25 0.05 -0.23 0.12 0.19 0.84	-2. -1.4 -0.5 -0.1 -0.0 -0.3 -0.0 0.0 -0.1 0.0 0.2 -0.0

^{*} Advance statistics

Table 7. Percent Change and Contributions to Percent Change in Real Gross Domestic Product (GDP) by State, 2005–2009—Continues

	2005	2006	2007	2008	2009 *	2005	2006	2007	2008	2009 *
					Oklah	oma	•			
			al percent cha	<u> </u>		ļ	-	to annual per	т	
Total GDP by state	0.7 -11.7	4.9 7.4	1.7 -6.3	3 .8 1.0	6.6 58.5	0.7 -1.45	4.9 0.90	1.7 -0.83	3.8 0.12	6. 7.2
nstruction rrable-goods manufacturing	-3.8 8.2	-4.2 8.3	-3.0 6.2	6.6 9.0	-2.0 -10.7	-0.15 0.52	-0.17 0.54	-0.11 0.40	0.23 0.58	-0.0 -0.7
ndurable-goods manufacturing	3.1	21.0	-10.0	26.6	1.4	0.14	0.97	-0.53	1.23	0.0
nsportation and utilities	1.2 0.4	5.5 3.7	2.9 6.9	0.7 3.3	-1.6 5.0	0.14 0.02	0.65 0.21	0.34 0.38	0.08 0.18	-0.1 0.2
ormation	10.7 2.3	-1.8 6.1	3.7	6.2 1.0	1.3	0.35 0.32	-0.06	0.11	0.18	0.0
ofessional and business services	2.6	1.0	7.6 2.8	4.0	-2.1 -4.1	0.22	0.85 0.08	1.05 0.23	0.14 0.32	-0.3 -0.3
lucation and health servicesisure and hospitality	0.8 2.0	3.3 8.3	2.3 3.7	3.7 1.5	1.0 3.1	0.06 0.06	0.23 0.24	0.15 0.11	0.25 0.05	0.0
her services, except government	-3.9	-0.4	3.1	1.7	-5.7	-0.10	-0.01	0.07	0.04	0 .
evernment	3.1	2.9	2.0	2.1	3.3	0.53	0.50	0.33	0.36	0.9
					Tex	as				
Total CDD by state			al percent cha		4.5			to annual per		
Total GDP by statetural resources and mining	0.3 -16.6	4.8 5.9	4.6 -3.0	0.5 1.0	-1.5 -4.4	0.3 -1.68	4.8 0.57	4.6 0.30	0.5 0.10	-1 -0.4
onstructionurable-goods manufacturing	-0.1 13.5	~3.4 20.9	0.8 3.8	4.0 1.7	-9.3 -5.8	0.00 0.83	-0.19 1.36	0.04 0.27	0.21 0.11	-0.4 -0.3
ndurable-goods manufacturing	-13.8	6.2	14.9	-24.0	-1.2	-1.17	0.46	1.14	-2.01	-0.
densportation and utilities	3.0 2.9	3.5 5.9	5.7 4.3	-0.4 2.6	-1.9 -0.2	0.38 0.16	0.45 0.34	0.72 0.26	-0.05 0.15	- 0. 0.
rmation	2.9 7.7	4.9	7.8	0.8	1.5	0.33	0.21	0.32	0.03	0.
ancial activitiesfessional and business services	3.2 7.2	4.3 5.4	6.0 6.5	5.6 4.5	-1.5 -2.5	0.46 0.71	0.63 0.56	0.87 0.68	0.80 0.47	-0. -0.
ucation and health servicessure and hospitality	-1.1 2.5	3.2 3.9	2.7 1.8	4.1 0.4	3.7 0.4	-0.07 0.08	0.19 0.13	0.16 0.06	0.24 0.01	0.
ner services, except government	1.5	-0.6	2.9	1.4	-3.1	0.03	-0.01	0.07	0.03	-0.
vernment	1.8	0.7	3.1	3.5	4.2	0.19	0.08	0.34	0.37	0.
		Annu	al percent cha	nge	Rocky M	lountain	Contributions	to annual per	cent change	
Fotal GDP by state	4.5	3.8	3.8	1.6	-0.6	4.5	3.8	3.8	1.6	-(
ural resources and mining	3.3	4.0 0.9	-7.8	9.6	8.8	0.19	0.26	-0.54	0.67	0.
structionable-goods manufacturing	0.7 15.2	1.9	1.1 13.9	-4.5 1.7	-12.2 -4.3	0.04 0.81	0.05 0.11	0.06 0.72	-0.27 0.09	-0. -0.
ndurable-goods manufacturingde	2.2 2.5	5.4 4.1	14.0 5.4	-1.3 2.7	-1.7 -3.6	0.07 0.30	0.17 0.49	0.43 0.64	-0.04 -0.33	-0. -0.
sportation and utilities	3.6	5.1	3.4	-0.7	-0.3	0.17	0.24	0.16	-0.03	-0.
rmationancial activities	10.6 5.8	3.3 5.1	5.4 5.8	2.3 2.6	4.41 -1.2	0.63 1.07	0.20 0.95	0.31 1.08	0.13 0.48	0 -0
fessional and business services	5.9	6.8	4.4	2.3	-1.4	0.66	0.77	0.51	0.27	-0
ucation and health servicessure and hospitality	2.7 2.2	4.6 5.4	3.1 2.6	4.2 -0.4	2.5 -3.7	0.17 0.09	0.29 0.22	0.20 0.11	0.27 -0.02	0. - 0
r services, except government	0.3 1.6	2.1 0.1	3.2 0.4	0.8 2.9	-4.4 3.1	0.01 0.22	0.06 0.02	0.08 0.06	0.02 0.37	-0. 0.
		•••		2.0	Colo		0.02	0.00	0.07	
		Annu	al percent cha	inge		<u> </u>	Contributions	to annual per	cent change	
Total GDP by state	3.8 8.8	2.6 1.9	2.9 -11.8	1.9 11.9	-0.9 6.2	3.8 0.36	2.6 0.09	2.9 -0.60	1.9 0.60	-0 0.3
structionable-goods manufacturing	−3.2 8.5	-5.9 13. 3	-4.1 . 12.6	-2.3	-10.9	-0.19	-0.35	-0.23	-0.12	-0.
durable-goods manufacturing	11.2	0.1	16.3	1.3 7.7	-2.4 -6.6	0.36 0.27	0.55 0.00	0.54 0.40	0.06 0.22	0 0
desportation and utilities	1.7 2.5	2.3 6.3	4.8 -0.4	-2.4 -0.1	-4.3 -0.2	0.20 0.10	0.27 0.25	0.54 -0.01	-0.27 0. 0 0	-0 -0
mation	9.8	5.4	6.8	1.9	4.3	0.83	0.46	0.57	0.16	. 0
ncial activitiesessional and business services	3.2 6.3	2.1 5.8	3.6 4.4	1.5 2.1	-1.6 -1.2	0.64 0.83	0.40 0.78	0.70 0.62	0.30 0.30	-0 -0
cation and health servicesure and hospitality	2.1 1.8	2.9 3.2	3.2 2.9	4.1 -0.3	2.1 -3.8	0.13 0.08	0.18 0.14	0.20 0.13	0.25 -0.01	0 -0
er services, except government	0.7	0.8	3.2	0.7	-4.6	0.02	0.02	0.08	0.02	-0
ernment	1.4	-1.5	-0.5	3.7	3.6	0.17	-0.18	-0.05	0.43	0.
		Annu	al percent cha	ınge	lda		Contributions	to annual per	rcent change	
Total GDP by state	8.8	1.6	4.5	0.5	-3.1	8.8	1.6	4.5	0.5	-3
tural resources and mining	14.2 4.4	-2.7 6.7	0.7	11.4 -12.2	-2.6 -18.3	0.81 0.27	-0.15 0.43	0.04 0.16	0.72 -0.84	-0. -1.
OU COUCHT	34.7	-28.0	20.0	5.7	-7.8	3.68	-3.34	1.52	0.45	-0
rable-goods manufacturing	2.0	14.5 4.5	16.0 4.3	-6.0 -4.6	-4.3 -3.4	0.06 0.76	0.41 0.62	0.48 0.60	-0.20 -0.65	0 0
durable-goods manufacturing	541	7.5	2.8	3.0	0.7	0.76	0.02	0.00	0.13	0
ndurable-goods manufacturing	5.4 1.1	4.3								
ndurable-goods manufacturing	1.1 13.2	2.1	3.0	8.4	-0.3	0.29	0.04	0.06 1.09	0.17	0
durable-goods manufacturinge e sportation and utilities malion	1.1 13.2 13.2 3.4	2.1 10.5 8.7	3.0 6.4 -0.6	8.4 1.2 –0.3	-0.3 -3.2 -1.2	0.29 2.00 0.38	0.04 1.66 0.93	1.09 -0.07	0.17 0.21 -0.03	-0 -0 -0
idurable-goods manufacturing	1.1 13.2 13.2	2.1 10.5	3.0 6.4	8.4 1.2	-0.3 -3.2	0.29 2.00	0.04 1.66	1.09	0.17 0.21	-0 -0

^{*} Advance statistics

Table 7. Percent Change and Contributions to Percent Change in Real Gross Domestic Product (GDP) by State, 2005–2009—Continues

	2005	2006	2007	2008	2009 *	2005	2006	2007	2008	2009 *
					Mont	ana				
		Annu	al percent cha	inge			Contributions	to annual per	cent change	
Total GDP by state	3.1	2.6	4.6	-0.7	0.0	3.1	2.6	4.6	-0.7	0.
atural resources and mining	6.1 3.4	-7.5 1.7	-1.8 3.3	0.7 -7.4	-0.2 -9.7	0.50 0.21	-0.64 0.11	-0.15 0.23	0.05 -0.50	-0.0 -0.6
onstructionurable-goods manufacturing	4.7	-1.2	11.5	-7.4 -4.5	-12.9	0.12	-0.03	0.25	-0.50 -0.10	-0.0 -0.2
ondurable-goods manufacturing	-11.4	7.3	28.5	-30.2	11.7	-0.48	0.29	1.23	-1.59	0.4
andeansportation and utilities	0.5 2.3	3.6 2.3	4.8 3.9	-1.3 1.3	-2.1 0.7	0.06 0.16	0.45 0.16	0.59 0.28	-0.15 0.09	-0.2 0.0
formation	7.8	0.4	0.9	3.5	5.3	0.22	0.01	0.02	0.08	0.1
nancial activitiesofessional and business services		5.0 7.1	6.4 7.2	3.4 3.4	0.6 0.6	1.44 0.45	0.81 0.49	1.04 0.51	0.56 0.25	0.1 0.0
ducation and health services	2.3	4.9	2.6	4.9	2.8	0.21	0.44	0.24	0.44	0.2
isure and hospitality	2.2	6.0	3.7	0.4	-1.6 -3.5	0.11	0.28 0.04	0.18	0.02	-0.0
her services, except government	5.3 -0.3	1.5 1.4	2.8 0.8	1.0 0.8	2.5	0.16 -0.04	0.04	0.08 0.13	0.03 0.13	-0.1 0.4
					Uta	ah				
		Annu	al percent cha	ange		Contributions to annual percent change				
Total GDP by state	5.7	6.6	5.8	0.7	-0.9	5.7	6.6	5.8	0.7	-0
atural resources and mining	11.4 7.3	0.6 10.7	-3.8 7.4	4.0 -7.9	4.6 -12.9	0.27 0.42	0.02 0.67	-0.11 0.50	0.12 -0.54	0. -0.
urable-goods manufacturing	11.6	12.1	12.9	0.5	-4.1	0.87	0.95	1.05	0.04	 0.
ondurable-goods manufacturing	-3.8	7.4	3.9	-4.2 -4.1	-0.3	-0.15 0.35	0.27	0.14	-0.15 0.51	-0.
ansportation and utilities	2.7 6.8	6.9 ¹ 3.2	7.3 8.2	-4.1 -5.2	-2.8 -0.1	0.35 0.36	0.88 0.17	0.92 0.42	0.51 0.27	-0 0
ormation	15.4	-5.4	-0.3	2.5	5.7	0.62	-0.23	-0.01	0.08	0
nancial activities	8.1 5.9	9.9 8.4	9.3 5.9	4.4 3.6	0.5 -2.0	1.61 0.61	1.98 0.87	1.88 0.62	0.92 0.39	0 -0
ofessional and business servicesucation and health services		8.4 6.9	1.9	3.0	3.0	0.61	0.87	0.62	0.39	_0 0
isure and hospitality	3.9	8.0	2.5	-0.2	-3.7	0.14	0.28	0.09	-0.01	-0
her services, except government	-3.1 3.1	2.1 2.0	2.8 1,1	1.5 2.6	-3.9 2.9	-0.11 0.44	0.07 0.28	0.09 0.14	0.05 0.34	-0 0
overnment	3.1	2.0		2.0	Wyor		0.20	0.14	0.04	
		Annı	al percent cha	ngo	Contributions to annual percent change					
			•				-			
Total GDP by statetural resources and mining	-0.8 -9.5	9.3 13.5	2.2 -8.4	6.6 10.7	5.4 18.2	-0.8 -2.88	9.3 4.18	2.2 -2.82	6.6 3.53	6.
nstruction	0.6	10.8	10.1	12.5	-11.0	0.03	0.55	0.53	0.68	-0.
rrable-goods manufacturingndurable-goods manufacturing	4.3 -5.2	2.3 12.4	11.8 14.0	11.1 5.3	-3.6 9.7	0.05 -0.24	0.03 0.57	0.12 0.67	0.12 0.27	-0. 0.
ade	4.6	8.2	6.1	2.2	-2.9	0.44	0.78	0.55	0.20	-0.
ansportation and utilities	5.3	8.0	7.6	1.8 2.2	-2.9	0.40	0.63	0.58 0.06	0.14	−0. 0.
ormation	4.9 6.7	2.8 6.9	4.4 12.3	7.4	7.3 -3.8	0.08 0.73	0.04 0.75	1.26	0.03 0.79	-0.
ofessional and business services	3.9	8.5	8.3	5.0	-4.2	0.17	0.36	0.34	0.21	-0.
ducation and health services	1.3	5.1 15.2	4.6 -1.9	7.2 -0.5	1.8 -3.4	0.05 0.14	0.21 0.65	0.17 -0.08	0.27 -0.02	0. -0
isure and hospitalityher services, except government	2.6	12.1	9.2	-1.6	-4.5	0.05	0.22	0.17	-0.03	0.
vernment	1.1	2.7	5.2	3.6	4.8	0.16	0.38	0.67	0.46	0.
					Far \	Vest				
			al percent cha					to annual per		
Total GDP by state	4.5 -1.4	3.9 14.3	2.4 -3.8	0.1 -4.5	-2.1 3.4	4.5 -0.04	3.9 0.34	2.4 -0.10	0.1 -0.13	-: 0
nstruction	2.1	-1.3	-3.1	-6.0	-12.5	0.11	-0.07	0.16	-0.30	-0
rable-goods manufacturingndurable-goods manufacturing	15.1 9.6	13.1 2.8	8.9 3.9	4.7 8.8	-2.4 5.4	0.94 0.37	0.85 0.12	0.58 0.17	0.30 0.38	0 0
de	2.8	3.9	1.9	-4.0	-4.8	0.34	0.48	0.23	-0.49	-(
nsportation and utilities	1.5	4.8	2.1 7.5	-1.4	0.8	0.06	0.20	0.09 0.44	-0.06 0.07	0
ormationancial activities	5.9 7.0	1.6 3.4	7.5 1.1	1.1 - 1.3	1.4 -2.5	0.37 1.51	0.10 0.74	0.44	-0.29	-(
fessional and business services	4.4	4.5	3.3	1.1	-4.1	0.51	0.53	0.40	0.13	-(
ucation and health servicessure and hospitality	2.1 2.1	3.6 3.9	2.4 1.2	4.3 -1.8	2.2 -5.3	0.14	0.23 0.18	0.15 0.06	0.27 -0.09	(-(
ner services, except government		0.3	2.2	-0.5	-5.6	0.02	0.10	0.06	-0.01	_0 _0
/ernment	0.1	1.5	2.2	2.4	0.3	0.02	0.18	0.26	0.28	0
					Ala	ska				
		Annı	at percent cha	ange			Contributions	to annual per	cent change	
	-1.0	5.4	1.2	-0.2	3.5	-1.0	5.4	1.2	-0.2	;
		20.2	−3.0 −5.0	-6.6 0.3	2.0 2.8	-2.76 -0.08	4.69 -0.53	-0.81 -0.23	-1.96 0.01	0
tural resources and mining	-12.0 -1.6	-10 1			1.3	0.05	-0.03	0.07	0.00	0
tural resources and mining	-1.6 11.7	-10.1 -7.1	18.0	1.1						
tural resources and mining nstruction replie-goods manufacturing ndurable-goods manufacturing	-1.6 11.7 -14.2	-7.1 4.4	18.0 8.0	2.9	3.9	-0.46	0.12	0.22	0.08	
tural resources and mining	-1.6 11.7 -14.2 2.6	-7.1	18.0					0.22 0.20 1.17	0.08 -0.05 0.04	0
tural resources and mining nstruction rable-goods manufacturing ndurable-goods manufacturing de insportation and utilities.	-1.6 11.7 -14.2 2.6 -1.0 15.0	-7.1 4.4 2.4 -0.8 2.6	18.0 8.0 3.1 11.1 4.1	2.9 -0.8 0.4 6.9	3.9 0.1 7.4 3.5	-0.46 0.18 -0.11 0.36	0.12 0.17 -0.09 0.07	0.20 1.17 0.09	-0.05 0.04 0.15	0
tural resources and mining onstruction nrable-goods manufacturing ondurable-goods manufacturing dde ansportation and utilities ormation nancial activities	-1.6 11.7 -14.2 2.6 -1.0 15.0 7.4	-7.1 4.4 2.4 -0.8 2.6 0.8	18.0 8.0 3.1 11.1 4.1 3.2	2.9 -0.8 0.4 6.9 5.9	3.9 0.1 7.4 3.5 6.3	-0.46 0.18 0.11 0.36 0.87	0.12 0.17 -0.09 0.07 0.10	0.20 1.17 0.09 0.36	-0.05 0.04 0.15 0.65	0 0 0 0
tural resources and mining nstruction rable-goods manufacturing ndurable-goods manufacturing de nsportation and utilities prmation lancial activities Jessional and business services	-1.6 11.7 -14.2 2.6 -1.0 15.0 7.4 7.3	-7.1 4.4 2.4 -0.8 2.6	18.0 8.0 3.1 11.1 4.1	2.9 -0.8 0.4 6.9	3.9 0.1 7.4 3.5	-0.46 0.18 -0.11 0.36	0.12 0.17 -0.09 0.07	0.20 1.17 0.09	-0.05 0.04 0.15	0 0 0 0
Total GDP by state. stural resources and mining onstruction urable-goods manufacturing nodurable-goods manufacturing ade ade ansportation and utilities. formation nancial activities disessional activities ducation and health services sisure and hospitality. her services, except government.	-1.6 11.7 -14.2 2.6 -1.0 15.0 7.4 7.3 1.7	-7.1 4.4 2.4 -0.8 2.6 0.8 3.1	18.0 8.0 3.1 11.1 4.1 3.2 5.0	2.9 -0.8 0.4 6.9 5.9 7.0	3.9 0.1 7.4 3.5 6.3 3.9	-0.46 0.18 -0.11 0.36 0.87 0.41	0.12 0.17 -0.09 0.07 0.10 0.18	0.20 1.17 0.09 0.36 0.28	-0.05 0.04 0.15 0.65 0.39	0 0 0 0 0 0 0 0 -0 -0

^{*} Advance statistics

Table 7. Percent Change and Contributions to Percent Change in Real Gross Domestic Product (GDP) by State, 2005–2009—Table Ends

	2005	2006	2007	2008	2009 *	2005	2006	2007	2008	2009 *	
					Calif	ornia					
		Annual percent change				Contributions to annual percent change					
Total GDP by state. Natural resources and mining	4.3 0.9 1.1 17.1 7.8 2.5	3.3 13.2 -2.8 7.0 5.5 4.2	1.8 -2.3 -5.3 7.0 3.4 1.5	0.0 -7.0 -8.3 4.9 13.0 -4.3	- 2.2 3.8 -12.2 -1.1 7.0 -5.4	4.3 -0.02 0.05 0.99 0.34 0.31	3.3 0.27 -0.14 0.42 0.26 0.52	-0.05 -0.26 0.41 0.16 0.19	0.0 -0.18 -0.38 0.28 0.65	-2.2 0.08 -0.51 -0.06 0.38 -0.64	
Trade Transportation and utilities Information Financial activities Professional and business services Education and health services	0.5 5.4 7.1 4.0 1.8	4.3 2.3 2.7 4.9 3.5	1.5 5.7 -0.3 3.0 2.2	-1.5 0.8 -2.4 1.5 4.2	0.4 0.4 -2.8 -4.3 2.2	0.02 0.37 1.59 0.49 0.12	0.17 0.15 0.62 0.61 0.22	0.06 0.36 -0.06 0.39 0.14	0.06 0.05 0.54 0.20 0.27	0.02 0.03 -0.61 -0.58 0.15	
Leisure and hospitality. Other services, except government	0.5 0.0 0.2	3.6 -0.4 0.7	1.1 2.0 3.0	-0.1 -0.7 2.1	-4.6 -5.9 -0.8	0.02 0.00 0.03	0.15 -0.01 0.08	0.04 0.05 0.33	-0.01 -0.02 0.23	-0.19 -0.15 -0.09	
		Annu	al percent cha	inge		waii Contributions to annual percent change					
Total GDP by state Natural resources and mining Construction Durable-goods manufacturing Nondurable-goods manufacturing	5.0 14.0 12.4 29.9 -12.7	3.6 2.7 1.6 4.2 -4.2	1.8 -21.1 4.4 5.3 -0.7	0.8 0.3 1.4 4.9 13.3	-1.5 12.6 -9.2 -4.9 -0.1	5.0 0.11 0.70 0.13 -0.21	3.6 0.02 0.10 0.02 -0.06	1.8 -0.17 0.29 0.03 -0.01	0.8 0.00 0.09 0.03 0.17	-1.5 0.08 -0.62 -0.03 0.00	
Trade Transportation and utilities Information Financial activities Professional and business services Education and health services Leisure and hospitality	3.1 11.5 7.1 8.9 1.7 3.3 3.9	2.0 16.9 9.3 3.0 4.9 2.6 2.7	2.7 -1.6 2.8 4.5 1.7 0.9 0.8	-2.4 -4.5 -3.5 2.6 0.8 3.1 -5.7	-1.9 -1.2 -1.3 -2.5 -0.8 2.1 -7.1	0.33 0.67 0.19 1.88 0.15 0.23 0.38	0.22 1.02 0.23 0.65 0.43 0.18 0.26	0.28 -0.11 0.07 0.96 0.15 0.06 0.08	-0.25 -0.28 -0.09 0.58 0.07 0.21 -0.54	-0.19 -0.07 -0.03 -0.56 -0.07 0.15 -0.64	
Other services, except government	3.0 1.4	3.7 2.0	2.4 0.6	-0.7 3.6	-5.1 2.6	0.08 0.32	0.10 0.44	0.06 0.13	-0.02 0.80	-0.14 0.59	
				70	Nev	vada					
Total CDD by otata	9.4		al percent cha		E A	- 04		to annual pe		C 4	
Total GDP by state. Natural resources and mining	-2.1 9.0 13.2 -1.2 10.1	4.1 15.8 0.0 -1.4 7.7 1.4	3.1 -11.5 -2.3 26.2 6.3 1.2	-2.5 11.1 -2.0 -3.1 -10.0 -4.3	- 6.4 9.3 -21.0 -14.6 -11.0 -6.7	9.4 -0.04 0.82 0.42 -0.02 1.17	4.1 0.33 0.00 -0.05 0.08 0.16	3.1 -0.30 -0.22 0.78 0.07 0.13	-2.5 0.28 -0.18 -0.11 -0.11 -0.46	- 6.4 0.28 -1.88 -0.50 -0.11 -0.69	
Transportation and utilities Information	1.5 25.4 15.8 14.7 5.9 7.0 7.7	7.7 -6.3 8.6 1.2 5.1 4.3 0.1	3.0 8.3 4.8 2.9 4.7 2.0 0.3 4.3	0.3 -1.5 -2.7 -4.8 3.0 -7.2 -0.6 3.4	0.7 -2.9 -5.0 -9.3 1.3 -8.6 -6.3	0.07 0.51 3.33 1.48 0.29 1.23 0.16	0.37 -0.13 1.88 0.13 0.24 0.73 0.00 0.38	0.15 0.15 1.08 0.30 0.22 0.34 0.01	0.01 -0.03 -0.62 -0.50 0.15 -1.21 -0.01 0.33	0.04 -0.05 -1.15 -0.94 0.07 -1.38 -0.13	
	Oregon										
		Annu	al percent cha	ange		Contributions to annual percent change					
Total GDP by state	2.7 5.3 2.8 4.7 5.3 1.4	4.5 42.0 3.6 3.5	3.6 -13.9 1.1 10.2 1.3 2.2	0.7 -1.2 -5.5 3.4 -11.5 -3.9	-2.4 -1.9 -13 -6.9 -2.9	2.7 0.14 0.12 0.77 0.16 0.17	10.0 0.30 0.21 6.45 0.11 0.43	3.6 -0.39 0.06 1.83 0.04 0.26	0.7 -0.03 -0.27 0.59 -0.33 -0.46	-2.4 -0.04 -0.54 -0.72 -0.18 -0.33	
Transportation and utilities Information Financial activities Professional and business services Education and health services Leisure and hospitality Other services, except government.	2.5 6.0 5.7 4.5 2.5 2.4 3.2 -5.8	4.1 2.3 5.1 4.7 5.0 3.6 2.4 2.3	2.4 10.7 4.9 2.4 2.9 2.6 2.8 -0.6	-1.1 3.3 2.5 1.9 4.1 -1.7 -0.5	-2.0 -0.5 -0.8 -4.1 0.6 -4.6 -5.8 2.2	0.11 0.19 1.02 0.40 0.19 0.08 0.08 -0.76	0.18 0.07 0.95 0.44 0.40 0.12 0.06 0.28	0.10 0.32 0.87 0.22 0.23 0.08 0.07 -0.07	-0.05 0.10 0.47 0.18 0.33 -0.05 -0.01	-0.08 -0.02 -0.15 -0.39 0.05 -0.15 -0.15	
		1	,			ington					
	Annual percent change					Contributions to annual percent change					
Total GDP by state Natural resources and mining Construction Durable-goods manufacturing Nondurable-goods manufacturing Trade	5.0 6.7 1.3 18.3 36.3 2.3	13.7 4.6 15.9	5.5 -3.1 4.7 12.8 9.5 4.0	1.4 6.6 -0.3 6.4 -15.6 -2.7	-0.7 2.1 -10.6 -3.9 -3.2 -2.1	5.0 0.14 0.06 1.28 1.05 0.31	4.1 0.26 0.23 1.22 -0.69 0.54	5.5 -0.07 0.24 1.06 0.30 0.52	1.4 0.14 -0.01 0.55 -0.52 -0.35	-0.7 0.04 -0.54 -0.34 -0.09	
Transportation and utilities Information Information Financial activities Professional and business services Education and health services Leisure and hospitality	2.3 5.4 5.6 3.0 3.7 2.0 2.4	4.8 -1.8 5.6 3.6 3.7 6.1	2.5 16.2 6.5 5.9 3.0 -0.3	-1.0 2.7 3.3 -0.2 5.3 -1.0	2.6 7.2 -1.6 -2.1 3.0 -3.7	0.22 0.46 0.58 0.39 0.14 0.09	0.19 -0.14 1.04 0.38 0.24 0.23	0.10 1.17 1.21 0.63 0.20 -0.01	-0.04 0.21 0.63 -0.02 0.34 -0.04	0.10 0.55 -0.31 -0.22 0.20 -0.13	
Other services, except government	0.7 1.7	2.3	3.6 0.2	0.6 3.3		0.02 0.25	0.06 0.53	0.09 0.03	0.01	-0.11 0.44	

^{*} Advance statistics

Table 8. Gross Domestic Product (GDP) by State in Current Dollars, 2006-2009

	Millions of dollars			Percent of U.S. total				
	2006	2007	2008	2009 *	2006	2007	2008	2009 *
United States 1	13,310,937	13,985,447	14,343,954	14,150,826	100.0	100.0	100.0	100.0
New England	721,860	755,636	778.055	776.556	5.4	5.4	5.4	5.5
Connecticut	210,278	222,801	230,101	227,405	1.6	1.6	1.6	1.6
Maine	47,688	49.481	51,010	51.293	0.4	0.4	0.4	0.4
Massachusetts	337,723	353,771	364,818	365.182	2.5	2.5	2.5	2.6
New Hampshire	56.071	58.003	59,131	59,400	0.4	0.4	0.4	0.4
	46.449	47.295	47,769	47,837	0.3	0.3	0.3	0.4
Rhode Island	23,651	24,284	25,225	25,438	0.3	0.2	0.2	0.3
Vermont		24,284				•		
Mideast	2,400,013	2,521,678	2,595,324	2,577,474	18.0	18.0	18.1	18.2
Delaware	56,660	58,774	60,534	60,588	0.4	0.4	0.4	0.4
District of Columbia	87.146	92.160	95.907	99,129	0.7	0.7	0.7	0.7
Maryland	261,076	273,468	281,472	286,797	2.0	2.0	2.0	2.0
New Jersey	454,978	474.487	486.556	482,967	3.4	3.4	3.4	3.4
New York	1,032,879	1.088.169	1.119.472	1.093.219	7.8	7.8	7.8	7.7
	507,275	534,620	551.383	554,774	3.8	3.8	3.8	3.9
Pennsylvania							*	
Great Lakes	1,911,255	1,991,104	2,017,662	1,977,080	14.4	14.2	14.1	14.0
Illinois	602,147	630,277	642,456	630,398	4.5	4.5	4.5	4.5
Indiana	249,209	263,118	269,026	262,647	1.9	1.9	1.9	1.9
Michigan	376,610	387,954	382,653	368,401	2.8	2.8	2.7	2.6
Ohio	454,145	471,119	477,245	471,264	3.4	3.4	3.3	3.3
	229,143	238,635	246,283	244,370	1.7	1.7	1.7	1.7
Wisconsin		, ,					1	
Plains	841,319	890,613	929,168	924,267	6.3	6.4	6.5	6.5
lowa	124,319	134,650	142,083	142,282	0.9	1.0	1.0	1.0
Kansas	112,207	121,302	125,876	124,921	0.8	0.9	0.9	0.9
Minnesota	246,012	255,335	264,527	260,692	1.8	1.8	1.8	1.8
Missouri	223,716	233,018	241,548	239,752	1.7	1.7	1.7	1.7
Nebraska	76,547	82.500	86.099	86.439	0.6	0.6	0.6	0.6
North Dokata	26,068	28,430	31,246	31,872	0.2	0.2	0.2	0.2
North Dakota	32,451	35,379	37,789	38,308	0.2	0.2	0.2	0.2
South Dakota	- , - 1			.,	-			
Southeast	2,997,911	3,116,740	3,164,319	3,138,723	22.5	22.3	22.1	22.2
Alabama	159,263	166,217	171,748	169,856	1.2	1.2	1.2	1.2
Arkansas	93,518	97,580	100,926	101.818	0.7	0.7	0.7	0.7
Florida	730,191	758,776	749,778	737.038	5.5	5.4	5.2	5.2
Georgia	381,500	400,967	401,436	395,194	2.9	2.9	2.8	2.8
Kentucky	147,177	152,348	157.230	156.553	1.1	1.1	1.1	1.1
	204.861	203,440	211,327	208.377	1.5	1.5	1.5	1.5
Louisiana	86.089	91.698	96.320	95.905	0.6	0.7	0.7	0.7
Mississippi								
North Carolina	379,050	396,832	404,567	398,042	2.8	2.8	2.8	2.8
South Carolina	149,285	158,073	160,836	159,647	1.1	1.1	1.1	1.1
Tennessee	236,554	242,800	248,369	244,508	1.8	1.7	1.7	1.7
Virginia	375,090	389,933	400,110	408,443	2.8	2.8	2.8	2.9
West Virginia	55,334	58,077	61,671	63,344	0.4	0.4	0.4	0.4
Southwest	1,506,178	1,614,938	1,687,726	1,629,638	11.3	11.5	11.8	11.5
		261,447	262,399	256,364	1.9		1.8	
Arizona	246,837					1.9		1.8
New Mexico	71,478	74,039	77,858	74,801	0.5	0.5	0.5	0.5
Oklahoma	131,904	139,422	151,406	153,778	1.0	1.0	1.1	1.1
Texas	1,055,959	1,140,030	1,196,063	1,144,695	7.9	8.2	8.3	8.1
Rocky Mountain	444,176	476,471	497,781	493,101	3.3	3.4	3.5	3.5
Colorado	230,206	243,993	254,936	252,657	1.7	1.7	1.8	1.8
Idaho	50.526	54.509	55,655	54,005	0.4	0.4	0.4	0.4
	32,256	35,139	35,872	35,954	0.4	0.3	0.3	0.4
Montana								
Utah	100,466	109,560	112,738	112,941	0.8	0.8	0.8	0.8
Wyoming	30,722	33,271	38,579	37,544	0.2	0.2	0.3	0.3
Far West	2,488,229	2,618,271	2,673,920	2,633,987	18.7	18.7	18.6	18.6
Alaska	41,820	44,288	48,551	45,709	0.3	0.3	0.3	0.3
California	1.800.779	1.883.679	1.921.493	1,891,363	13.5	13.5	13.4	13.4
Hawaii	61,194	64,372	66.139	66,431	0.5	0.5	0.5	0.5
	124,191	132,522	132,120	126.503	0.9	0.9	0.9	0.9
Nevada				165,648	1.2	1.2	1.2	1.2
Oregon	160,019	167,618	169,479					
Washington	300,225	325,792	336,137	338,334	2.3	2.3	2.3	2.4

located overseas (because it cannot be attributed to a particular state). In addition, the advance estimate (2009) may differ because of different sources and vintages of data used to estimate GDP by state.

^{*} Advance statistics

1. The U.S. values may differ from the National Income and Product Account (NIPA) values because of revisions to the NIPA values as well as the GDP-by-state accounts excluding Federal military and civilian activity

Table 9. Real Gross Domestic Product (GDP) by State, 2006-2009

[Millions of chained (2005) dollars]

	2006	2007	2008	2009 *
United States 1	12,895,854	13,162,799	13,181,915	12,903,77
New England	700.951	714,526	720,854	706,53
Connecticut	204.181	210,545	212,419	205,73
Maine	46.162	46,607	47.017	46.42
Massachusetts	328,156	334.848	338,814	333,41
New Hampshire	54,454	54.975	55.099	54.45
Rhode Island	44.957	44.486	43.984	43.17
Vermont	23.039	23.069	23,532	23,36
-	· 1		′	
Aideast	2,323,744	2,368,599	2,380,562	2,320,48
Delaware	55,267	55,747	55,941	54,94
District of Columbia	83,988	85,626	87,096	87,76
Maryland	252,434	256,940	259,265	259,29
New Jersey	440,558	446,908	448,080	437,36
New York	1,001,972	1,022,111	1,024,813	981,07
Pennsylvania	489,549	501,279	505,368	5 0 0,08
Great Lakes	1.856.478	1.882.131	1,870,816	1.806,82
Illinois	582,953	592,522	591,222	571,40
Indiana	242,234	249,642	249.899	240.83
Michigan	367.792	369.103	359.063	340.53
Ohio	440,704	444,925	441,778	429,8
Wisconsin	222,753	225,879	228,717	224,02
			. 1	
Plains	817,783	838,564	857,031	846,9
lowa	121,387	127,451	131,588	131,2
Kansas	108,831	113,997	115,866	114,6
Minnesota	238,938	240,548	244,759	239,0
Missouri	217,123	219,636	222,965	218,0
Nebraska	74,464	77,380	78,788	79,0
North Dakota	25,255	26,299	28,267	29.30
South Dakota	31,783	33,260	34,784	35,56
Southeast	2.900.851	2.932.207	2.909.697	2,851,71
Alabama	153,868	156.061	157,513	154.20
Arkansas	90,599	91,519	92,460	93.0
Florida	706,600	713.389	691,835	668.56
Georgia	370.149	379.068	372,041	360.50
	142,514	143.111	144,371	141.7
Kentucky	192.856	184,510	183,417	187,9
Louisiana				87.4
Mississippi	83,077	85,799	88,251	
North Carolina	370,313	378,926	376,629	364,4
South Carolina	144,059	148,411	147,898	144,2
Tennessee	230,561	230,926	231,688	224,4
Virginia	363,718	367,682	369,412	370,1
West Virginia	52,714	53,367	54,650	55,0
Southwest	1,452,379	1,508,750	1,515,612	1,498,1
Arizona	239.013	246,240	242,430	232,9
New Mexico	69,258	69,283	69,948	68.4
Oklahoma	126,609	128,770	133,615	142,4
Texas	1,017,505	1.064,463	1.069,469	1,053,9
_				
Rocky Mountain	428,935	445,291	452,469	449,7
Colorado	223,090	229,514	233,904	231,8
ldaho	49,464	51,683	51,937	50,3
Montana	30,884	32,314	32,089	32,0
Utah	96,772	102,430	103,114	102,1
Wyoming	28,688	29,322	31,266	32,9
Far West	2,414,598	2,472,404	2,474,373	2,422,6
Alaska	39,873	40,362	40,264	41.6
California	1,747,816	1,778,722	1,778,185	1.739.6
Hawaii	58.928	60.013	60,477	59.5
		123,230	120,174	112,5
Nevada	119,511			
Oregon Washington	157,707 290,806	163,393 306.751	164,480 310,954	160,4 308,8

^{*} Advance statistics

1. The U.S. values may differ from the National Income and Product Account (NIPA) values because of revisions to the NIPA values as well as the GDP-by-state accounts excluding Federal military and civilian activity located overseas

(because it cannot be attributed to a particular state), in addition, the advance estimate (2009) may differ because of different sources and vintages of data used to estimate GDP by state.

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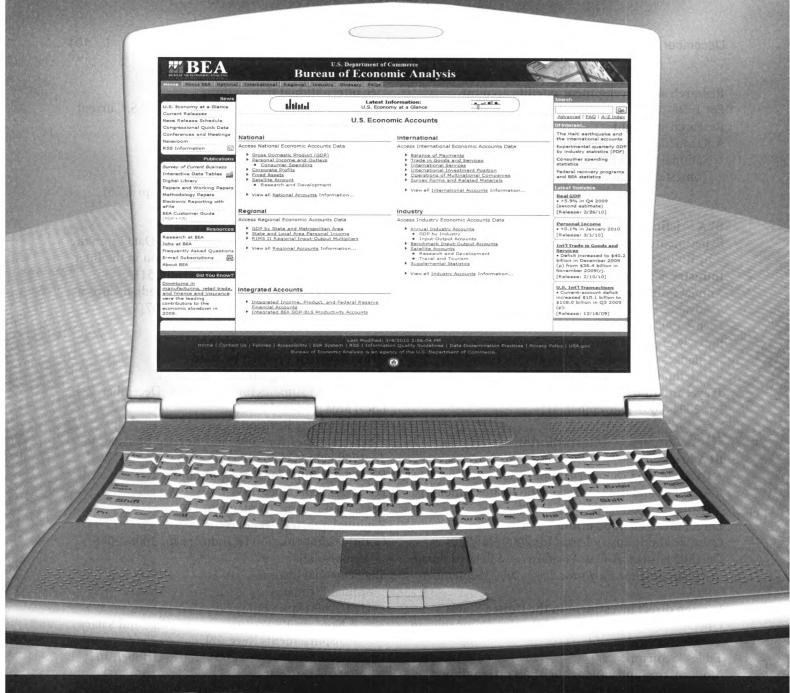
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^{*}Joint release by the Census Bureau and the Bureau of Economic Analysis

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^{*}Joint release by the Census Bureau and the Bureau of Economic Analysis

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BEA Current and Historical Data

A selection of estimates from the national, industry, international, and regional accounts of the Bureau of Economic Analysis (BEA) are presented in this section. BEA's estimates are not copyrighted and may be reprinted without BEA's permission. Citing the Survey of Current Business and BEA as the source is appreciated.

More detailed estimates from BEA's accounts are available on BEA's Web site at www.bea.gov. These estimates are available in a variety of formats. In addition, news releases, articles, and other information, including methodologies and working papers, are available.

The tables present annual [A], quarterly [Q], and monthly [M] data.

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National Data

A. Selected NIPA Tables

The selected set of NIPA tables presents the most recent estimates of gross domestic product (GDP) and its components, which were released on November 23, 2010. These estimates include the second estimates for the third quarter of 2010. Also included are revised estimates of wages and salaries and of affected income-side series for the second quarter of 2010.

The selected set presents quarterly estimates that are updated monthly. Annual estimates are presented in most of the tables.

The GDP news release is available on BEA's Web site within minutes after the release. To receive an e-mail notification of the release, go to www.bea.gov and subscribe. The "Selected NIPA Tables" are available later that day.

1. Domestic Product and Income

Table 1.1.1. Percent Change From Preceding Period in Real Gross Domestic Product

				Sea	sonally a	djusted at	annual ra	tes
	Line	2008	2009	200	09		2010	
				III	IV	ī	П	Ш
Gross domestic product	1	0.0	-2.6	1.6	5.0	3.7	1.7	2.5
Personal consumption								
expenditures	2	-0.3	-1.2	2.0	0.9	1.9	2.2	2.8
Goods	3	-2.5	-2.0	7.2	1.7	5.7	3.4	3.5
Durable goods	4	-5.2	-3.7	20.1	-1.1	8.8	6.8	7.4
Nondurable goods	5	-1.1	-1.2	1.7	3.1	4.2	1.9	1.8
Services	6	0.9	-0.8	-0.5	0.5	0.1	1.6	2.5
Gross private domestic							1	
investment	7	-9.5	-22.6	11.8	26.7	29.1	26.2	12.4
Fixed investment	8	-6.4	-18.3	0.7	-1.3	3.3	18.9	1.7
Nonresidential	9	0.3	-17.1	-1.7	-1.4	7.8	17.2	10.3
Structures	10	5.9	-20.4	-12.4	-29.2	-17.8	~0.5	-5.7
Equipment and software	11	-2.4	-15.3	4.2	14.6	20.4	24.8	16.8
Residential	12	-24.0	-22.9	10.6	-0.8	-12.3	25.7	-27.5
Change in private inventories	13							
Net exports of goods and services	14						<u>1</u>	
Exports	15	6.0	-9.5	12.2	24.4	11.4	9.1	6.3
Goods	16	6.3	-12.0	18.7	31.7	14.0	11.5	5.5
Services	17	5.3	-3.9	0.1	10.2	5.8	3.9	8.1
Imports	18	-2.6	-13.8	21.9	4.9	11.2	33.5	16.8
Goods	19	-3.5	-15.8	27.4	6.2	12.0	40.5	17.5
Services	20	2.4	-4.2	1.5	-0.5	7.8	4.3	13.7
Government consumption						ŀ		
expenditures and gross								
investment	21	2.8	1.6	1.6	-1.4	-1.6	3.9	4.0
Federal	22	7.3	5.7	5.7	0.0	1.8	9.1	8.9
National defense	23	7.5	5.4	9.0	-2.5	0.4	7.4	8.5
Nondefense	24	6.7	6.5	-0.9	5.6	5.0	12.8	9.5
State and local	25	0.3	-0.9	-1.0	-2.3	-3.8	0.6	0.8
Addendum:								
Gross domestic product, current			- 1				ļ	
dollars	26	2.2	-1.7	2.3	4.7	4.8	3.7	4.8

Table 1.1.2. Contributions to Percent Change in Real Gross Domestic Product

				Sea	Seasonally adjusted at annual rates						
	Line	2008	2009	200	09		2010				
			ĺ	Ш	IV	1	11	III			
Percent change at annual rate:											
Gross domestic product	1	0.0	-2.6	1.6	5.0	3.7	1.7	2.5			
Percentage points at annual rates:			i)							
Personal consumption											
expenditures	3	-0.18 -0.60	-0.84 -0.46	1.41	0.69	1.33	1.54	1.97			
Goods Durable goods	4	-0.60	-0.46	1.62 1.35	0.42 -0.07	1.29 0.62	0.79	0.81 0.53			
Nondurable goods	5	-0.18	-0.18	0.27	0.49	0.62	0.43	0.33			
Services	6	0.41	-0.38	-0.21	0.27	0.03	0.75	1.16			
Gross private domestic	Ť		1.00	¥.=.	¥	*	0,,,_	•			
investment	7	-1.53	-3.24	1.22	2.70	3.04	2.88	1.51			
Fixed investment	8	-1.02	-2.69	0.12	-0.12	0.39	2.06	0.20			
Nonresidential	9	0.03	-1.96	-0.13	-0.10	0.71	1.51	0.96			
Structures	10	0.22	-0.81	-0.41	-1.01	-0.53	-0.01	-0.15			
Equipment and software	11	-0.19	-1.15	0.28	0.91	1.24	1.52	1.11			
Residential	12	-1.05	-0.74	0.25	-0.02	-0.32	0.55	-0.75			
Change in private inventories	13	0.51	-0.55	1.10	2.83	2.64	0.82	1.30			
Net exports of goods and services	14	1.18	1.13	-1.37	1.90	-0.31	-3.50	-1.76			
Exports	15 16	0.72 0.53	-1.18 -1.04	1.30 1.29	2.56	1.30	1.08	0.77 0.47			
Goods Services	17	0.53	-0.15	0.01	2.19 0.37	0.21	0.93 0.15	0.47			
Imports	18	0.15	2.32	-2.67	-0.66	-1.61	-4.58	-2.52			
Goods	19	0.52	2.20	-2.64	-0.68	-1.41	-4.46	-2.17			
Services	20	-0.07	0.12	-0.03	0.02	-0.20	-0.12	-0.36			
Government consumption			i					_			
expenditures and gross											
investment	21	0.54	0.32	0.33	-0.28	-0.32	0.80	0.81			
Federal	22	0.51	0.43	0.45	0.01	0.15	0.72	0.71			
National defense	23	0.36	0.27	0.48	-0.13	0.02	0.40	0.46			
Nondefense	24	0.15	0.16	-0.03	0.14	0.13	0.32	0.25			
State and local	25	0.04	-0.11	-0.12	-0.29	-0.48	0.08	0.10			

Table 1.1.3. Real Gross Domestic Product, Quantity Indexes

[Index numbers, 2005=100]

					Seas	onally adju	usted	
	Line	2008	2009	20	09	2010		
				Ш	IV	1	II	III
Gross domestic product	1	104.672	101.917	101.760	103.012	103.960	104.403	105.056
Personal consumption								
expenditures	2	105.057	103,797	103.885	104,126	104.608	105.178	105.911
Goods	3	103,462	101.416	102.092	102,533	103.952	104.837	105.748
Durable goods	4	102.798	99.011	101.159	100.870	103.025	104.735	106.614
Nondurable goods	5	103.698	102.487	102.460	103.247	104.321	104.823	105.283
Services	6	105.870	105.006	104.797	104.936	104.952	105.366	106.012
Gross private domestic								
investment	7	90,105	69.778	68,800	73.000	77.811	82.474	84.923
Fixed investment	8	94.096	76. 8 35	76,447	76.198	76.826	80.219	80.549
Nonresidential	9	115.532	95.804	95.216	94.879	96.677	100.592	103.084
Structures	10	131.976	105.064	103.911	95.310	90.761	90.649	89.327
Equipment and software	11	108.681	92.035	91.716	94.895	99,408	105.067	109.217
Residential	12	57.324	44.220	44.185	44.092	42.670	45.177	41.692
Change in private inventories	13							
Net exports of goods and	-	Ì			ļ	ļ ,	ļ	
services	14							
Exports	15	126.255	114.228	114,174	120.569	123.858	126.592	128.541
Goods	16	127.649	112.377	112.474	120.484	124.495	127.939	129.666
Services	17	123.095	118.303	117.933	120.822	122,533	123.708	126.147
Imports	18	106.113	91.418	92.752	93.874	96.401	103.613	107.715
Goods	19	105.189	88.615	90.324	91.691	94.321	102.690	106.905
Services	20	111.167	106.461	105.915	105.772	107.766	108.916	112.463
Government consumption			ļ					
expenditures and gross	1	1						
investment	21	105.605	107.287	107,991	107.613	107,185	108.228	109.292
Federal	22	110.900	117.266	119.085	119.091	119,634	122,276	124.896
National defense	23	111.653	117.648	120.237	119,477	119.582	121.732	124.253
Nondefense	24	109.326	116.467	116.687	118.283	119.738	123.410	126.239
State and local	25	102.611	101.688	101.770	101.179	100.213	100.367	100.566

Table 1.1.5. Gross Domestic Product

[Billions of dollars]

				Se	easonally a	djusted at	annual rat	es
	Line	2008	2009	20	2009		2010	
				Ш	IV	1	I)	III
Gross domestic product	1	14,369.1	14,119.0	14,114.7	14,277.3	14,446.4	14,578.7	14,750.2
Personal consumption								
expenditures	2	10,104.5	10,001.3	10,040.7	10,131.5	10,230.8	10,285.4	10,383.6
Goods	3	3,379.5	3,230.7	3,276.1	3,312.9	3,380.0	3,377.5	3,414.7
Durable goods	4	1.083.5	1,026.5	1.045.2	1.043.9	1.060.7	1,074.1	1,087.2
Nondurable goods	5	2,296.0	2,204.2	2,231.0	2,269.0	2,319.3	2,303.4	2,327.4
Services	6	6,725.0	6,770.6	6,764.6	6.818.6	6,850.9	6,907.9	6,968.9
Gross private domestic			,	· '	, ·	· ·	· .	i '
investment	7	2,096.7	1,589.2	1,548.5	1,637.7	1,739.7	1,841.8	1,895.3
Fixed investment	8	2,137.8	1,716.4	1,691.8	1,681.9	1,689.8	1,761.4	1.768.7
Nonresidential	9	1.665.3	1,364.4	1.343.8	1.330.9	1.349.6	1,404.2	1,439.3
Structures	10	582.4	451.6	436.6	398.2	380.1	381.5	378.3
Equipment and software	11	1,082.9	912.8	907.2	932.7	969.5	1,022.7	1,061.1
Residential	12	472.5	352.1	348.0	351.0	340.2	357.2	329.3
Change in private inventories	13	-41.1	-127.2	-143.3	-44.2	50.0	80.4	126.6
Net exports of goods and	}					İ		
services	14	-710.4	-386.4	-408.3	-426.4	-479.9	-539.3	-552.2
Exports	15	1.843.4	1,578.4	1.582.1	1.689.9	1.757.8	1.817.9	1,847.0
Goods	16	1.295.1	1.063.1	1,068.6	1.157.6	1,213.0	1,262.8	1,281.0
Services	17	548.3	515.3	513.6	532.3	544.8	555.1	566.0
imports	18	2,553.8	1,964.7	1,990.5	2,116.3	2,237.6	2,357.1	2,399.1
Goods	19	2,148.8	1,587.8	1,613.8	1,731.8	1,843.5	1,957.2	1,988.7
Services	20	405.0	376.9	376.6	384.5	394.1	400.0	410.4
Government consumption					1			
expenditures and gross		l					ļ	
investment	21	2,878.3	2,914.9	2,933.8	2,934.5	2,955.7	2,990.8	3.023.5
Federal	22	1,079.9	1,139.6	1,155.4	1,159.9	1,178.1	1,206.7	1,233.9
National defense	23	737.3	771.6	787.3	785.4	796.3	813.0	830.8
Nondefense	24	342.5	368.0	368.1	374.5	381.8	393.7	403.1
State and local	25	1,798.5	1,775.3	1,778.4	1,774.7	1,777.6	1,784.1	1,789.6
· . · · · · · · · · · · · · · · · · · ·	1				1	l'	1	1 ' _

Table 1.1.4. Price Indexes for Gross Domestic Product

[Index numbers, 2005=100]

				Seasonally adjusted						
	Line	2008	2009	20	09		2010			
				111	IV	I	11	Ш		
Gross domestic product	1	108.598	109.618	109.759	109.693	109.959	110.485	111.111		
Personal consumption	ļ									
expenditures	2	109.061	109.258	109.598	110.333	110.901	110.888	111,172		
Goods	3	106.262	103.634	104.403	105.120	105.784	104.812	105.055		
Durable goods	4	95.340	93.782	93.450	93.603	93.121	92.755	92.235		
Nondurable goods	5	112.484	109,262	110.624	111.651	112.949	111.638	112.311		
Services	6	110.566	112.233	112.355	113.102	113.620	114.116	114,423		
Gross private domestic					İ					
investment	7	106.977	104.873	103.656	103.466	102.952	102.765	102.853		
Fixed investment	8	107.053	105.260	104.294	104.030	103.661	103.487	103.486		
Nonresidential	9	106.984	105.700	104.768	104.144	103,639	103.636	103.662		
Structures	10	125.460	122.187	119.654	119.017	119,291	119.887	120.627		
Equipment and software	11	100.083	99.620	99.344	98.721	97.954	97.764	97.578		
Residential	12	106.361	102.736	101.637	102.712	102.869	102.030	101.919		
Change in private inventories	13	.,	***************************************							
Net exports of goods and	J	j	}							
services	14									
Exports	15	111.874	105.877	106.212	107.424	108.771	110.060	110.127		
Goods	16	111.970	104.403	104.892	106.072	107.565	108.965	109.066		
Services	17	111.643	109.172	109.164	110.437	111.451	112.480	112.469		
Imports	18	118.685	105.987	105.879	111.222	114.514	112.234	109.882		
Goods	19	119.603	104.908	104.680	110.650	114.497	111.653	108.980		
Services	20	113.921	110.711	111.179	113.650	114.351	114.813	114.092		
Government consumption		ļ]					
expenditures and gross										
investment	21	115.009	114.644	114.635	115.067	116,358	116.606	116.734		
Federal	22	111.119	110.895	110.716	111.141	112.375	112.615	112.740		
National defense	23	112.109	111.342	111.153	111.590	113.046	113.377	113.50		
Nondefense	24	109.077	109.984	109.822	110.222	110.997	111.053	111.166		
State and local	25	117.349	116.892	116.998	117.434	118.760	119.014	119.143		

Table 1.1.6. Real Gross Domestic Product, Chained Dollars

[Billions of chained (2005) dollars]

				Se	easonally a	ıdjusted at	annual rat	es	
	Line	2008	2009	20	09	2010			
					IV	ı	II	III	
Gross domestic product	1	13,228.8	12,880.6	12,860.8	13,019.0	13,138.8	13,194.9	13,277.4	
Personal consumption			•		Ì	1		1	
expenditures	2	9,265.0	9,153.9	9,161.6	9,182.9	9,225.4	9,275.7	9,340.3	
Goods	3	3,180.3	3,117.4	3,138.2	3,151.8	3,195.4	3,222.6	3,250.6	
Durable goods	4	1,136.4	1,094.6	1,118.3	1,115.1	1,138.9	1,157.8	1,178.6	
Nondurable goods	5	2,041.2	2,017.4	2,016.9	2,032.3	2,053.5	2,063.4	2,072.4	
Services	6	6,082.3	6,032.7	6,020.7	6,028.7	6,029.6	6,053.4	6,090.5	
Gross private domestic				ĺ					
investment	7	1,957.3	1,515.7	1.494.5	1,585.7	1.690.2	1.791.5	1.844.7	
Fixed investment	8	1,997.0	1,630.7	1,622.4	1,617.1	1,630.5	1,702.5	1,709.5	
Nonresidential	9	1,556.6	1.290.8	1,282.9	1,278.3	1,302.6	1,355.3	1,388.9	
Structures	10	464.2	369.6	365.5	335.3	319.3	318.9	314.2	
Equipment and software	11	1,082.0	916.3	913.1	944.7	989.7	1,046.0	1,087.3	
Residential	12	444.2	342.7	342.4	341.7	330.7	350.1	323.1	
Change in private inventories	13	-37.6	-113.1	-128.2	-36.7	44.1	68.8	111.5	
Net exports of goods and								}	
services	14	-504.1	-363.0	-390.8	-330.1	-338.4	-449.0	-506.7	
Exports	15	1,647.7	1,490.7	1,490.0	1,573.5	1,616.4	1,652.1	1,677.5	
Goods	16	1,156.6	1,018.2	1,019.1	1,091.7	1,128.0	1,159.2	1,174.9	
Services	17	491.1	472.0	470.5	482.0	488.9	493.6	503.3	
Imports	18	2,151.7	1,853.8	1,880.8	1,903.6	1,954.8	2,101.1	2,184.2	
Goods	19	1,796.6	1,513.5	1,542.7	1,566.1	1,611.0	1,753.9		
Services	20	355.5	340.5	338.7	338.3	344.6	348.3	359.7	
Government consumption		ì			ļ				
expenditures and gross		ļ			1	ļ			
investment	21	2,502.7	2,542.6	2,559.3	2,550.3	2,540.2	2,564.9	2,590.1	
Federal	22	971.8	1,027.6	1,043.5	1,043.6	1,048.4	1,071.5	1,094.5	
National defense	23	657.7	693.0	708.3	703.8	704.4	717.1	731.9	
Nondefense	24	314.0	334.6	335.2	339.8	344.0	354.5	362.6	
State and local	25	1,532.6	1,518.8	1,520.0	1,511.2	1,496.8	1,499.1	1,502.0	
Residual	26	16.2	37.8	40.4	33.8	26.5	15.2	10.7	

Note. Chained (2005) dollar series are calculated as the product of the chain-type quantity index and the 2005 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Table 1.1.7. Percent Change From Preceding Period in Prices for Gross Domestic Product

[Percent]

				Se	asonally ac	justed at a	annual rate	s
	Line	2008	2009	200)9		2010	
				III	IV	1	H	III
Gross domestic product	1	2.2	0.9	0.7	-0.2	1.0	1.9	2.3
Personal consumption	i l				1		ĺ	
expenditures	2	3.3	0.2	2.9	2.7	2.1	0.0	1.0
Goods	3	3.2	-2.5	5.7	2.8	2.6	-3.6	0.9
Durable goods	5	-1.4 5.6	-1.6 -2.9	-2.5 9.7	0.7 3.8	-2.0 4.7	-1.6 -4.6	-2.2 2.4
Nondurable goods Services	6	3.4	1.5	1.7	2.7	1.8	1.8	1.1
	ام	3.4	1.5	1.7	2.1	1.0	1.0	1.1
Gross private domestic	_,	0.7	-2.0		-0.7			0.3
investment Fixed investment	7 8	0.7	-2.0 -1.7	-6.0 -4.8	-1.0	-2.0 -1.4	-0.7 -0.7	0.0
Nonresidential	9	1.4	-1.2	-5.1	-2.4	-1.9	0.0	0.0
Structures	10	4.7	-2.6	-10.5	-2.1	0.9	2.0	2.5
Equipment and software	11	-0.2	-0.5	-2.4	-2.5	-3.1	-0.8	-0.8
Residential	12	-12	-3.4	-3.3	4.3	0.6	-3.2	-0.4
Change in private inventories	131							
Net exports of goods and				1	1	i		
services	14						i	
Exports	15	4.7	-5.4	4.6	4.6	5.1	4.8	0.2
Goods	16	4.8	-6.8	4.8	4.6	5.8	5.3	0.4
Services	17	4.2	-2.2	4.0	4.7	3.7	3.7	-0.1
Imports	18	10.4	-10.7	8.6	21.8	12.4	-7.7	-8.1
Goods	19	11.3	-12.3	9.2	24.8	14.6	-9.6	-9.2
Services	20	5.7	-2.8	6.2	9.2	2.5	1.6	-2.5
Government consumption	ĺ		İ					
expenditures and gross investment	21	4.7	-0.3	0.4	1.5	4.6	0.9	0.4
Federal	22	3.1	-0.3	-0.1	1.5	4.5	0.9	0.4
National defense	23	3.6	-0.7	0.3	1.6	5.3	1.2	0.4
Nondefense	24	2.2	0.8	-1.0	1.5	2.8	0.2	0.3
State and local	25	5.6	-0.4	0.8	1.5	4.6	0.9	0.4
Addenda:		5.0		5.0		5	5.5	J. 1
Gross national product	26	2.2	0.9	8.0	-0.2	1.0	1.9	2.3
Implicit price deflators:			-	-	-1			
Gross domestic product 1	27	2.2	0.9	0.7	-0.3	1.1	2.0	2.2
Gross national product 1	28	2.2	0.9	0.7	-0.3	1.0	1.9	2.2

^{1.} The percent change for this series is calculated from the implicit price deflator in NIPA table 1.1.9.

Table 1.1.8. Contributions to Percent Change in the Gross Domestic Product Price Index

	']		Sea	asonally ac	ljusted at a	annual rate	S
	Line	2008	2009	200	9		2010	
	 		Г	111	IV		11	III
Percent change at annual rate:								
Gross domestic product	1	2.2	0.9	0.7	-0.2	1.0	1.9	2.3
Percentage points at annual rates:			Ì			į)	
Personal consumption		į					ļ	
expenditures	2	2.31	0.13	1.98	1.87	1.46	-0.03	0.7
Goods	3	0.76	-0.58	1.22	0.62	0.59	-0.86	0.2
Durable goods	4	-0.12 _i	-0.12	~0.19	0.04	-0.15	-0.12	-0.1
Nondurable goods	5	0.88	-0.46	1.41	0.58	0.74	-0.74	0.3
Services	6	1.55	0.71	0.76	1.25	0.87	0.83	0.5
Gross private domestic								
investment	` 7 i	0.11	-0.25	~0.63	-0.05	-0.23	-0.09	0.0
Fixed investment	8	0.12	-0.23	-0.61	-0.13	-0.17	-0.08	0.0
Nonresidential	9	0.16	-0.13	0.53	-0.23	-0.18	0.00	0.0
Structures	10	0.18	-0.10	-0.37	-0.07	0.02	0.05	0.0
Equipment and software	. 11	-0.02	-0.03	-0.16	-0.17	-0.21	~0.05	-0.0
Residential	12	-0.05	-0.10	-0.08	0.10	0.01	-0.08	-0.0
Change in private inventories	13	0.00	-0.02	-0.01	0.07	-0.07	-0.01	0.0
Net exports of goods and		1				i		
services	14	-1.16	1.13	-0.69	-2.37	-1.17	1.87	1.4
Exports	15	0.57	-0.66	0.48	0.52	0.60	0.58	0.0
Goods	16	0.41	-0.58	0.34	0.35	0.46	0.44	0.0
Services	17	0.15	-0.08	0.14	0.17	0.14	0.14	0.0
Imports	18	-1.73	1.79	-1.17	-2.88	-1.77	1.28	1.3
Goods	19	-1.58	1.71	-1.00	-2.64	-1.70	1.33	1.3
Services	20	-0.15	0.08	-0.17	-0.24	-0.07	-0.04	0.0
Government consumption		-	i			-	1	
expenditures and gross	.	!				İ		
investment	21	0.90	-0.07	0.08	0.31	0.92	0.18	0.0
Federal	22	0.22	-0.02	0.00	0.13	0.36	0.07	0.0
National defense	23	0.17	-0.04	0.02	0.09	0.29	0.07	0.0
Nondefense	24	0.05	0.02	-0.02	0.04	0.07	0.01	0.0
State and local	25	0.68	-0.05	0.08	0.18	0.56	0.11	0.0

[Index numbers, 2005=100]

					Seas	onally adju	ısted		
	Line	2008	008 2009	20	09	2010			
				III	IV	I	П	III	
Gross domestic product	1	108.619	109.615	109.750	109.665	109.952	110.488	111.092	
Personal consumption									
expenditures	2	109.061	109.258	109.596	110.330	110.899	110.886	111.170	
Goods	3	106.263	103.634	104.394	105.113	105.777	104.805	105.047	
Durable goods	4	95.340	93.782	93.459	93.615	93.133	92.767	92.247	
Nondurable goods	5	112.484	109.262	110.617	111.645	112.942	111.632	112.305	
Services	6	110.566	112.233	112.356	113.102	113.621	114.117	114.423	
Gross private domestic									
investment	7	107.122	104.848	103.613	103.278	102.929	102.807	102.740	
Fixed investment	8	107.052	105.260	104.274	104.006	103.637	103,463	103.463	
Nonresidential	9	106.984	105.700	104.745	104.116	103,611	103,608	103.634	
Structures	10	125.460	122.187	119,439	118.782	119.055	119.650	120.389	
Equipment and software	11	100.083	99.620	99.352	98.727	97.961	97,770	97.585	
Residential	12	106.361	102,737	101.635	102.717	102.874	102.035	101.924	
Change in private inventories	13								
Net exports of goods and									
services	14								
Exports	15	111.875	105.877	106.182	107.398	108.745	110.033	110.100	
Goods	16	111.970	104.403	104.852	106.038	107.531	108.930	109.031	
Services	17	111.643	109.171	109.154	110.426	111.438	112.467	112.453	
Imports	18	118.685	105.987	105.829	111,178	114,468	112.189	109.838	
Goods	19	119.603	104.908	104.609	110.586	114.432	111.588	108.918	
Services	20	113.921	110.711	111.191	113.662	114.362	114.824	114.105	
Government consumption									
expenditures and gross									
investment	21	115.008	114.644	114.635	115.067	116.358	116.607	116.734	
Federal	22	111.119	110.895	110.717	111.142	112.376	112.616	112.741	
National defense	23	112.109	111.342	111.157	111.594	113.051	113.381	113.512	
Nondefense	24	109.077	109.984	109.820	110.220	110.995	111.050	111.164	
State and local	25	117.348	116.892	116.999	117.435	118.762	119.016	119.145	
Addendum:									
Gross national product	26	108.626	109.609	109.744	109.664	109.950	110.479	i 111.080	
Gross national product	20	100.020	103.009	103.744	103.004	103.930	110.479	111.000	

Table 1.1.10. Percentage Shares of Gross Domestic Product

	1:00	2000	2000	200	9		2010	
	Line	2008	2009 -	111	١٧	1	11	m
Gross domestic product	1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Personal consumption		1	i		i	1		
expenditures	2	70.3	70.8	71.1	71.0	70.8	70.6	70.4
Goods	2	23.5	22.9	23.2	23.2	23.4	23.2	23.1
Durable goods	4	7.5	7.3	7.4	7.3	7.3	7.4	7.4
Nondurable goods	5	16.0	15.6	15.8	15.9	16.1	15.8	15.8
Services	6	46.8	48.0	47.9	47.8	47.4	47.4	47.2
Gross private domestic				1	ļ	1	i	
investment	7	14.6	11.3	11.0	11.5	12.0	12.6	12.8
Fixed investment	8	14.9	12.2	12.0	11.8	11.7	12.1	12.0
Nonresidential	9	11.6	9.7	9.5	9.3	9.3	9.6	9.8
Structures	10	4.1	3.2	3.1	2.8	2.6	2.6	2.6
Equipment and software	11	7.5	6.5	6.4	6.5	6.7	7.0	7.2
Residential	12	3.3	2.5	2.5	2.5	2.4	2.5	2.2
Change in private inventories	13	-0.3	-0.9	-1.0	-0.3	0.3	0.6	0.9
Net exports of goods and		i						•
services	14	-4.9	-2.7	-2.9	-3.0	-3.3	-3.7	-3.7
Exports	15	12.8	11.2	11.2	11.8	12.2	12.5	12.5
Goods	16	9.0	7.5	7.6	8.1	8.4	8.7	8.7
Services	17	3.8	3.6	3.6	3.7	3.8	3.8	3.8
Imports	18	17.8	13.9	14.1	14.8	15.5	16.2	16.3
Goods	19	15.0	11.2	11.4	12.1	12.8	13.4	13.5
Services	20	2.8	2.7	2.7	2.7	2.7	2.7	2.8
Government consumption						1		
expenditures and gross	.		1		i			
investment	21	20.0	20.6	20.8	20.6	20.5	20.5	20.5
Federal	22	7.5	8.1	8.2	8.1	8.2	8.3	8.4
National defense		5.1	5.5	5.6	5.5	5.5	5.6	5.6
Nondefense	24	2.4	2.6	2.6	2.6	2.6	2.7	2.7
State and local	25	12.5	12.6	12.6	12.4	12.3	12.2	12.1
orace and rocal	23	12.3	12.0	12.0	14.4	12.0	12.2	12.1

Table 1.1.9. Implicit Price Deflators for Gross Domestic Product

Table 1.1.11. Real Gross Domestic Product: Percent Change From Quarter One Year Ago

			09		2010	
	Line		IV	ı	II	III
Gross domestic product		-2.7	0.2	2.4	3.0	3.2
Personal consumption expenditures	2	-0.9	0.2	0.8	1.7	2.0
Goods		-1.0	2.3	3.2	4.5	3.0
Durable goods	4	I –1.3	4.8	5.8	8.4	5.4
Nondurable goods		5 -0.9	1.1	2.1	2.7	2.
Services	6	6 -0.8	-0.8	-0.4	0.4	1.3
Gross private domestic investment	1 :	-24.0	-9.6	10.5	23.3	23.
Fixed investment		-18.6	~12.9	-2.0	5.1	5.
Nonresidential		-17.8	-12.7	-0.8	5.2	8.3
Structures		-21.7	-26.5	-20.1	-15.6	-14.
Equipment and software			-4.9	9.5	15.7	19.
Residential			-13.4	~6.3	4.8	-5.1
Change in private inventories		3		0.0		
• .		.				
Net exports of goods and services			-0.1	11.4	14.1	12.
Exports			-0.1	14.4	18.7	15.
Goods			0.3	5.1	4.9	7.0
Services			-7.2	6.2	17.4	16.
Imports			-7.2 -7.3	7.9	20.8	
Goods			-7.3 -7.0			18.4 6.1
Services			1	-0.8	3.2	
Government consumption expenditures and gross investment	2		0.8	1.1	0.6	1.
Federal			3.6	5.5) 4.1	4.5
National defense			3.3	5.6	3.4	3.
Nondefense			4.5	5.1	5.5	8.3
State and local	2	5 -1.1	-1.0	-1.5	-1.6	-1.
Addenda:						
Final sales of domestic product	20	-2.0	-0.3	0.9	1.1	1.3
Gross domestic purchases			-0.9	1.9	3.8	4.
Final sales to domestic purchasers		-2.9	-1.4	0.5	1.9	2.
Gross national product			0.5	2.8	3.4	3.
Real disposable personal income			0.4	0.7	0.6	Ĩ.
Price indexes (Chain-type):		"				
Gross domestic purchases	3	1 -1.1	0.5	1.5	1.4	1,
Gross domestic purchases excluding food and energy 1			0.5	1.1	1.1	1.
Gross domestic product			0.5	0.5	0.8	1.
Gross domestic product excluding food and energy 1	3		0.5	1.1	1.2	1
Personal consumption expanditures	3		1.5	2.4	1.2	1.
Personal consumption expenditures Personal consumption expenditures excluding food and energy 1			1.5	1.8	1.5	1.
Market-based PCE 2	3				1.51	1.
Market based DCE evaluating food and apparatize	3		1.5	2.2	1.7	1.
Market-based PCE excluding food and energy 2	3	3 1.8	1.7	1.4	1.1	1.

Table 1.2.1. Percent Change From Preceding Period in Real **Gross Domestic Product by Major Type of Product**

					Seasonally	adjusted at annu	ial rates		
	Line	2008	2009	2009	,	2010			
	_ 1			HI	IV	ı	II	111	
Gross domestic product Final sales of domestic product Change in private inventories	2	0.0 0.5	- 2.6 -2.1	1.6 0.4	5.0 2.1	3.7 1.1	1.7 0.9	2.5 1.2	
Goods	4 5	-0.5	-3.8 -1.6	6.8 2.0	23.9 11.0	19.5 8.6	-0.8 -3.7	5.9 1.1	
Durable goods Final sales Change in private inventories ¹	8 9	-0.9 0.9	-10.0 -5.4	15.2 5.9	16.3 4.0	33.3 11.2	11.2 5.3	11.8 7.9	
Nondurable goods Final sales Change in private inventories ¹	10	0.0 2.1	3.2 2.6	-0.6 -1.9	31.7 18.5	7.4 6.0	-11.8 -12.2	0.0 -5.5	
Services ²	13	1.5	-0.2	-0.2	8.0	0.0	1.9	2.4	
Structures	14	-7.9	-16.6	-0.1	-15.9	-15.2	10.6	-8.7	
Addenda: Motor vehicle output. Gross domestic product excluding motor vehicle output. Final sales of computers ³ Gross domestic product excluding final sales of computers. Gross domestic purchases excluding final sales of computers to domestic purchasers. Final sales of domestic product, current dollars.	15 16 17 18 19 20	-18.6 0.5 26.5 -0.1 -1.3 2.7	-24.7 -2.1 5.0 -2.7 -3.7 -1.1	145.5 0.0 -4.0 1.6 2.8 1.2	13.7 4.8 17.3 5.0 2.6 1.8	42.3 3.0 19.2 3.7 3.9 2.1	-2.7 1.8 5.3 : 1.7 4.9 2.9	28.7 2.0 59.3 2.3 4.2 3.5	

Estimates for durable goods and nondurable goods for 1996 and earlier periods are based on the 1987 Standard Industrial Classification (SIC); later estimates for these industries are based on the North American Industry Classification System (NAICS).
 Includes government consumption expenditures, which are for services (such as education and national defense) produced by government. In current dollars, these services are valued at their cost of production.
 Some components of final sales of computers include computer parts.

^{1.} Food excludes personal consumption expenditures for purchased meals and beverages, which are classified in food services.
2. Market-based PCE is a supplemental measure that is based on household expenditures for which there are observable price measures. It excludes most imputed transactions (for example, financial services furnished without payment) and the final consumption expenditures of nonprofit institutions serving households.

Nore. Percent changes for real estimates are calculated from corresponding quantity indexes presented in NIPA tables 1.1.3, 1.2.3, 1.4.3, and 1.7.3. Percent changes in price estimates are calculated from corresponding price indexes presented in NIPA tables 1.1.4, 1.6.4, and 2.3.4.

Table 1.2.2. Contributions to Percent Change in Real **Gross Domestic Product by Major Type of Product**

		:		Sea	sonally a	djusted at	annual rat	tes
	Line	2008	2009	200)9	-	2010	
			ļ	111	IV	- 1	ii i	III
Percent change at annual rate:								
Gross domestic product	1	0.0	-2.6	1.6	5.0	3.7	1.7	2.5
Percentage points at annual rates:				l				
Final sales of domestic								
product	2	0.51	-2.08	0.50	2.19	1.09	0.90	1.22
Change in private inventories	3	-0.51	-0.55	1.10	2.83	2.64	0.82	1.30
	: 1			- 1				
Goods	4	-0.13	-0.99 -0.44	1.67	5.74	4.90	-0.20	1.60
Final sales Change in private inventories	5	0.38 -0.51	-0.44	0.57	2.91	2.26	-1.02 0.82	0.30 1.30
Durable goods	7	-0.51	-1.39	1.10	2.03	3.91	1.49	1.59
Final sales	8	0.13	-0.76	0.86	0.60	1.46	0.71	1.05
Change in private inventories 1	9	-0.25	-0.63	1.05	1.46	2.45	0.78	0.55
Nondurable goods	10	0.00	0.40	-0.24	3.68	0.99	-1.69	0.01
Final sales	11	0.26	0.32	-0.29	2.31	0.80	-1.73	-0.75
Change in private inventories 1	12	-0.26	0.08	0.05	1.37	0.19	0.04	0.76
Services 2	13	0.94	-0.10	-0.10	0.57	0.02	1.21	1.57
Structures	14	-0.81	-1.54	0.02	-1.30	-1.18	0.71	-0.64
Addenda:					İ	ļ		
Motor vehicle output	15	-0.53	-0.56	1.56	0.25	0.74	-0.06	0.56
Gross domestic product excluding				1	}	_		
motor vehicle output	16	0.53	-2.07	0.03	4.76	2.99	1.78	1.97
Final sales of computers 3	17	0.14	0.03	0.02	0.09	0.10	0.03	0.27
Gross domestic product excluding final sales of computers	18	-0.14	-2.66	1.61	4.92	3.63	1.69	2.26
inal sales of computers	10	70.14	-2.00	1.01	4.92	3.03	1.09	2.20

Estimates for durable goods and nondurable goods for 1996 and earlier periods are based on the 1987 Standard Industrial Classification (SIC); later estimates for these industries are based on the North American Industry Classification System (NAICS).
 Includes government consumption expenditures, which are for services (such as education and national defense) produced by government. In current dollars, these services are valued at their cost of production.
 Some components of final sales of computers include computer parts.

Table 1.2.3. Real Gross Domestic Product by Major Type of Product, Quantity Indexes

[Index numbers, 2005=100]

	ļ		l		Seas	onally adj	usted	
	Line	2008	2009	20	09		2010	-
				ш	IV	ı	u	111
Gross domestic product Final sales of domestic	1	104.672	101.917	101.760	103.012	103.960	104.403	105.056
product Change in private	2	105.399	103.212	103.146	103.676	103.948	104.181	104.497
inventories	3							
Final sales	5 6		104.880 110.050	104.271 109.802	110.007 112.705		114.803 113.957	116.456 114.260
Durable goods	7 8	110.650 114.221		100.422 108.648	104.284 109.725		115.048 114.124	118.299 116.302
Change in private inventories ¹ Nondurable goods	9 10 11	107.024 109.183	110.477 111.982	108.345 110.855	116.071 115.660		114.500 113.610	114.5 01 112.005
Change in private inventories 1	12							
Services ²	13	106.271	106.102		106.294	106.297		107.422
Structures	14	85.585	71.407	71.502	68.472	65.703	67.380	65.858
Addenda: Motor vehicle output	15	80.384	60.568	66.657	68.836	75.184	74.677	79.532
Gross domestic product excluding motor vehicle output Final sales of computers 3	16 17	105.440 187.540		102.857 192.680	104.082 200.528	104.862 209.533	105.335 212.272	105.858 238.471
Gross domestic product excluding final sales of	''	167.540	197.006	192.000	200.526	209.555	212.212	236.471
computers	18	104.292	101.501	101.357	102.589	103.513	103.949	104.533
purchasers	19	102.262	98.494	98.532	99.162	100.109	101.309	102.355

Estimates for durable goods and nondurable goods for 1996 and earlier periods are based on the 1987 Standard Industrial Classification (SIC); later estimates for these industries are based on the North American Industry Classification System (NAICS).

2. Includes government consumption expenditures, which are for services (such as education and national defense) produced by government. In current dollars, these services are valued at their cost of production.

3. Some components of final sales of computers include computer parts.

Table 1.2.4. Price Indexes for Gross Domestic Product by Major Type of Product

					Seas	onally adj	usted	
	Line	2008	2009	20	109		2010	-
				111	١٧	1	H	111
Gross domestic product Final sales of domestic	1	108.598	109.618	109.759	109.693	109.959	110.485	111.111
product Change in private inventories	3	108.608	109.647				110.552	111.170
Final sales	5 6		101.245 101.263		100.232 100.329		100.154 100.332	101.558 101.734
Durable goods Final sales	7 8	95.883	95.676		95.062 95.037		94.122 94.098	93.934 93.893
Change in private inventories ¹ Nondurable goodsFinal sales	9 10 11	103.631 103.620	107.928	109.753 110.178		105.395 105.80 8		110.743 111.224
Change in private inventories 1	12						: 	
Services 2	13	111.575	112.591	112.694	113.352	114.143	114.605	114.879
Structures	14	116.079	114,144	112.514	112.584	112.827	112.868	113,257
Addenda:			""					
Motor vehicle output	15	96.481	97.984	98.580	100.074	99.918	100.265	100.293
excluding motor vehicle output Final sales of computers 3	16 17		109.991 51.690	110.123 49.853	110.020 49.454		110.828 47.656	111.470 46.516
Gross domestic product excluding final sales of]
computers Implicit price deflator for final	18		110.128				111.054	į
sales of domestic product	19	108.608	109.647	109.808	109.734	110.018	110.550	111.168

Estimates for durable goods and nondurable goods for 1996 and earlier periods are based on the 1987 Standard Industrial Classification (SIC); later estimates for these industries are based on the North American Industry Classification System (NAICS).

2. Includes government consumption expenditures, which are for services (such as education and national defense) produced by government. In current dollars, these services are valued at their cost of production.

3. Some components of final sales of computers include computer parts.

Table 1.2.5. Gross Domestic Product by Major Type of Product [Billions of dollars]

				S	easonally a	idjusted at	annual rat	es
	Line	2008	2009	20	009		2010	
				111	IV	1	11	1
Gross domestic product Final sales of domestic	1	14,369.1	14,119.0	14,114.7	14,277.3	14,446.4	14,578.7	14,750.2
product Change in private	2	14,410.2	14,246.3	14,258.0	14,321.5	14,396.4	14,498.3	14,623.6
inventories	3	-41.1	-127.2	-143.3	-44.2	50.0	80.4	126.6
Goods Final sales Change in private	4 5	3,763.5 3,804.6	3,687.3 3,814.5	3,691.6 3,834.8	3,826.5 3,870.7	3,970.1 3,920.1	3,994.2 3,913.8	4,105.6 3,979.0
inventories Durable goods Final sales	6 7 8	-41.1 2,006.0 2,031.8	-127.2 1,801.5 1,915.9	1,811.1	-44.2 1,875.3 1,935.5	50.0 2,000.9 1,974.2	80.4 2,048.5 1,993.2	126.6 2,102.1 2,026.8
Change in private inventories 1	9 10 11	-25.7 1,757.5 1,772.9	-114.4 1,885.8 1,898.6	-109.6 1,880.4 1,914.1	-60.2 1,951.2 1,935.2	26.7 1,969.1 1,945.9	55.3 1,945.7 1,920.6	75.3 2,003.5 1,952.3
Change in private inventories 1	12	-15.4	-12.8	-33.7	16.0	23.2	25.1	51.3
Services 2	13	9,251.0	9,320.5	9,326.8	9,400.4	9,466.2	9,548.2	9,628.2
Structures	14	1,354.5	1,111.3	1,096.3	1,050.4	1,010.1	1,036.3	1,016.4
Addenda: Motor vehicle output Gross domestic product	15	325.0	248.9	275.1	288.5	314.8	313.7	334.2
excluding motor vehicle output Final sales of computers 3 Gross domestic product	16 17	14,044.1 89.0	13,870.1 80.5	13,839.6 75.9	13,988.8 78.3	14,131.6 80.2	14,265.0 79.9	14,416.0 87.6
excluding final sales of computers	18	14,280.0	14,038.6	14,038.8	14,199.0	14,366.2	14,498.8	14,662.6

Estimates for durable goods and nondurable goods for 1996 and earlier periods are based on the 1987 Standard Industrial Classification (SIC); later estimates for these industries are based on the North American Industry Classification System (NAICS).

2. Includes government consumption expenditures, which are for services (such as education and national defense) produced by government. In current dollars, these services are valued at their cost of production.

3. Some components of final sales of computers include computer parts.

Table 1.2.6. Real Gross Domestic Product by Major Type of Product, Chained Dollars

[Billions of chained (2005) dollars]

	'			Se	easonally a	djusted at	annual rat	es
	Line	2008	2009	20	09		2010	
					IV	ı	II.	III
Gross domestic product	1	13,228.8	12,880.6	12,860.8	13,019.0	13,138.8	13,194.9	13,277.4
Final sales of domestic product	2	13,268.1	12.992.8	12,984.5	13.051.1	13,085.5	13,114.7	13,154.5
Change in private		,						
inventories		-37.6		-128.2	-36.7	44.1	68.8	111.5
Residual	4	-1.7	0.9	4.5	4.6	9.2	11.4	11.4
Goods Final sales	5 6	3,784.4 3,829.9	3,642.4 3,766.9	3,621.2 3,758.4	3,820.4 3,857.8	3,994.7 3,937.8	3,987.0 3,900.7	4,044.4 3,911.0
Change in private inventories	7	-37.6	-113.1	-128.2	00.7	44.1	68.8	111.5
Durable goods	8	2.092.5	1,883.1	1,899.1	-36.7 1,972.1	2,118.8	2,175.7	
Final sales Change in private	9	2,092.5	2,005.3	2,016.4	2,036.4	2,110.0	2,175.7	
inventories 1	10	-23.4	-106.7	-102.1	-55.6	24.4	50.0	68.0
Nondurable goods	11	1.692.9	1.747.5	1.713.8	1.836.0	1.868.9	1,811.1	
Final sales Change in private	12	1,710.9	1,754.8	1,737.1	1,812.4	1,839.0	1,780.3	1,755.1
inventories 1	13	-14.7	-9.6	-28.5	16.3	20.0	19.8	44.5
Services 2	14	8,291.4	8,278.2	8,276.3	8,293.2	8,293.4	8,331.5	8,381.2
Structures	15	1,166.9	973.6	974.9	933.5	895.8	918.7	897.9
Residual	16	-22.1	-15.0	-13.3	-17.2	-24.8	-23.4	-27.7
Addenda:								
Motor vehicle output	17	336.8	253.7	279.3	288.4	315.0	312.9	333.2
output	18	12.884.2	12,610.8	12 568 6	12.718.2	128135	12 871 3	12 935 2
Final sales of computers 3	19		155.6	152.2		165.5	167.7	188.4
Gross domestic product excluding final sales of	10	140.2	.00.0	.02.2		.00.0	.07.7	700.1
computers	20	13,098.5	12,747.9	12,729.8	12,884.5	13,000.6	13,055.4	13,128.7

^{1.} Estimates for durable goods and nondurable goods for 1996 and earlier periods are based on the 1987 Standard Industrial Classification (SIC); later estimates for these industries are based on the North American Industry Classification

Industrial Classification (SIC), later estimates for these industries are based on the North American Industry Classification System (NAICS).

2. Includes government consumption expenditures, which are for services (such as education and national defense) produced by government. In current dollars, these services are valued at their cost of production.

3. Some components of final sales of computers include computer parts.

Nors: Chained (2005) dollar series are calculated as the product of the chain-type quantity index and the 2005 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual fine following change in private inventories is the difference between gross domestic product and the sum of final sales of domestic product and of change in private inventories; the residual line following structures is the difference between gross domestic product and the sum of the detailed lines of goods, of services, and of structures.

Table 1.3.4. Price Indexes for Gross Value Added by Sector

[Index numbers, 2005=100]

					Seas	onaliy adju	ısted	
	Line	2008	2009	20	09		2010	
	İ			III	IV	I	II	III
Gross domestic product	1	108.598	109.618	109.759	109.693	109.959	110.485	111.111
Business ¹	2 3 4	107.536 107.351 128.136	108.123 108.289 95.781	108.236 108.468 90.230	108.118 108.195 103.982	108.413 108.483 104.937	109.065 109.172 102.159	109.777 109.768 113.186
Households and institutions Households Nonprofit institutions serving	5 6	110.916 109.325	113.343 111.191	113.698 111.382	113.673 110.931	112.982 110.460	112.812 110.339	113.213 110.560
households 3 General government 4 Federal State and local	8 9	113.109 113.415 112.645 113.750	116.335 115.761 113.596 116.733	116.923 115.857 112.997 117.154	117.501 116.086 113.332 117.334	116.500 11 7.185 115.099 118.111	116.264 117.638 115.007 118.828	116.914 117.939 115.144 119.210
Addendum: Gross housing value added	11	109.907	111.885	112.033	111.591	111.220	111.105	111.302

^{1.} Equals gross domestic product excluding gross value added of households and institutions and of general govern-

Table 1.3.1. Percent Change From Preceding Period in Real Gross Value Added by Sector

[Percent]

				Sea	asonally ac	djusted at a	annual rate	s
	Line	2008	2009	200	9		2010	
				III	IV	ı	II	III
Gross domestic product	1	0.0	-2.6	1.6	5.0	3.7	1.7	2.5
Business ¹ Nonfarm ² Farm	2 3 4	- 0.9 -1.1 13.3	-3.7 -3.8 6.1	1.6 1.4 19.3	6.5 6.7 -13.9	5.0 5.0 -0.8	1.8 1.6 24.6	3.7 3.7 0.3
Households and institutions Households Nonprofit institutions serving households 3	5 6	3.7 4.9 2.0	-0.5 -0.7 -0.2	3.1 3.0 3.2	0.8 0.2	-0.2 -2.3	1.3 -0.2 3.2	-0.5 -1.9
General government 4 Federal State and local	8 9 10	2.3 3.9 1.7	1.6 5.8 -0.2	0.1 3.5 -1.4	0.7 2.8 -0.2	0.5 3.9 -1.0	1.7 6.0 -0.3	-1.4 0.9 1.6
Addendum: Gross housing value added	11	4.7	0.4	3.3	0.7	-1.1	0.3	-0.9

^{1.} Equals gross domestic product excluding gross value added of households and institutions and of general govern-

Table 1.3.3. Real Gross Value Added by Sector, Quantity Indexes

[Index numbers, 2005=100]

	ļ.,				Seas	onally adju	ısted	
	Line	2008	2009	20	09		2010	
				III	IV	I	II	Ш
Gross domestic product	1	104.672	101.917	101.760	103.012	103.960	104.403	105.056
Business ¹ Nonfarm ² Farm	2 3 4	104.168 104.183 100.322	100.364 100.275 106.397	100.144 100.026 109.254	101.734 101.669 105.253	102.977 102.925 105.046	103.437 103.331 110.973	104.381 104.283 111.069
Households and institutions Households Nonprofit Institutions serving	5 6	108.208 110.984	107.652 110.184	107.602 110.151	107.805 110.215	107.740 109.588	108.080 109.535	107.948 109.014
households 3	7	104.547	104.308	104.234	104.615	105.266	106.107	106.474
General government 4	8 9 10	104.199 104.625 104.016	105.851 110.690 103.762	105.971 111.566 103.557	106.162 112.331 103.505	106.300 113.402 103.245	106.740 115.057 103.165	106.363 114.799 102.738
Addendum: Gross housing value added	11	112.446	112.926	113.062	113.263	112.959	113.037	112.791

^{1.} Equals gross domestic product excluding gross value added of households and institutions and of general govern-

Table 1.3.5. Gross Value Added by Sector

				Se	easonally a	idjusted at	annual rat	es	
	Line	2008	2009	20	09		2010	2010	
				III	IV	ı		111	
Gross domestic product	1	14,369.1	14,119.0	14,114.7	14,277.3	14,446.4	14,578.7	14,750.2	
Business ¹ Nonfarm ² Farm	2 3 4	10,863.5 10,732.3 131.1	10,520.8 10,416.8 104.0	10,508.0 10,407.8 100.3	10,660.9 10,549.3 111.6	10,823.2 10,710.6 112.6		11,107.1 10,979.0 128.1	
Households and institutions Households Nonprofit institutions serving	5 6	1,808.0 1,048.8	1,838.1 1,059.0	1,843.0 1,060.5	1,846.1 1,056.8	1,833.8 1,046.4	1,836.8 1,044.7	1,841.1 1,041.8	
households 3 General government 4 Federal State and local	7 8 9 10	759.2 1,697.6 517.1 1.180.5	779.1 1,760.2 551.7 1,208.5	782.5 1,763.6 553.1 1,210.5	789.3 1,770.3 558.6 1,211.7	787.4 1,789.4 572.7 1,216.7	792.1 1,803.7 580.6 1,223.1	799.3 1,802.0 580.0 1,222.0	
Addendum: Gross housing value added	11	1,302.6		1,335.1	1,332.2	1,324.2	1,323.8	1,323.2	

^{1.} Equals gross domestic product excluding gross value added of households and institutions and of general govern-

ment.
2. Equals gross domestic business value added excluding gross farm value added.
3. Equals compensation of employees of nonprofit institutions, the rental value of nonresidential fixed assets owned and used by nonprofit institutions serving households, and rental income of persons for tenant-occupied housing owned by nonprofit institutions.
4. Equals compensation of general government employees plus general government consumption of fixed capital.

ment.

2. Equals gross domestic business value added excluding gross farm value added.

3. Equals compensation of employees of nonprofit institutions, the rental value of nonresidential fixed assets owned and used by nonprofit institutions serving households, and rental income of persons for tenant-occupied housing owned by nonprofit institutions.

4. Equals compensation of general government employees plus general government consumption of fixed capital.

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2. Equals gross domestic business value added excluding gross farm value added.

3. Equals compensation of employees of nonprofit institutions, the rental value of nonresidential fixed assets owned and used by nonprofit institutions serving households, and rental income of persons for tenant-occupied housing owned by nonprofit institutions.

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2. Equals gross domestic business value added excluding gross farm value added.

3. Equals compensation of employees of nonprofit institutions, the rental value of nonresidential fixed assets owned and used by nonprofit institutions serving households, and rental income of persons for tenant-occupied housing owned by nonprofit institutions.

4. Equals compensation of general government employees plus general government consumption of fixed capital.

Table 1.3.6. Real Gross Value Added by Sector, Chained Dollars

[Billions of chained (2005) dollars]

				Se	easonally a	idjusted at	annual rat	tes
	Line	2008	2009	20	09		2010	
			İ	III	IV	ı	II	III
Gross domestic product	1	13,228.8	12,880.6	12,860.8	13,019.0	13,138.8	13,194.9	13,277.4
Business 1 Nonfarm 2 Farm	2 3 4	10,099.6 9,994.8 102.3	9,730.8 9,619.8 108.5	9,709.4 9,596.0 111.5	9,863.6 9,753.5 107.4	9,984.1 9,874.1 107.2	10,028.7 9,913.0 113.2	
Households and institutions Households Nonprofit institutions serving	5 6	1, 630.1 959.3	1, 621.7 952.4	1,620.9 952.1	1,624.0 952.7	1, 623.0 947.3	1, 628.1 946.8	1, 626.2 942.3
households ³	7 8 9 10 11	671.2 1,496.8 459.0 1,037.8 4.4	1,520.5 485.6 1,035.3 9.3	669.2 1,522.2 489.5 1,033.2 9.3	671.7 1,525.0 492.8 1,032.7 8.2	675.8 1,527.0 497.5 1,030.1 6.8	681.2 1,533.3 504.8 1,029.3 6.6	683.6 1,527.9 503.7 1,025.1 5.1
Addendum: Gross housing value added	12	1,185.2	1,190.3	1,191.7	1,193.8	1,190.6	1,191.4	1,188.8

^{1.} Equals gross domestic product excluding gross value added of households and institutions and of general govern-

Table 1.4.3. Real Gross Domestic Product, Real Gross Domestic Purchases, and Real Final Sales to Domestic Purchasers, Quantity Indexes

[Index numbers, 2005=100]

			İ	ļ	Seas	onally adj	justed	
	Line	2008	2009	20	009		2010	
				101	IV	ı	ıı	III
Gross domestic product Less: Exports of goods and services Plus: Imports of goods and services	1 2 3	104.672 126.255 106.113		101.760 114.174 92.752	103.012 120.569 93.874	123.858		128.541
Equals: Gross domestic purchases Less: Change in private inventories	4 5	102.756	99.045	99.092	99.829	100.797	102.070	103.122
Equals: Final sales to domestic purchasers	6	103.433	100.254	100.386	100.441	100.775	101.852	102.586
Addendum: Final sales of domestic product	7	105.399	103.212	103.146	103.676	103.948	104.181	104.497

Table 1.4.5. Relation of Gross Domestic Product, Gross Domestic Purchases, and Final Sales to Domestic Purchasers

(Billions of dollars)

				Se	easonally a	idjusted at	annual rat	es
	Line	14,369.1 1,843.4 2,553.8 15,079.5 -41.1	2009	20	09		2010	
			1 14,119.0 1 1,578.4 1 1,964.7 1 14,505.4 1 -127.2 1 14,632.7	III	IV	1	II	
Gross domestic product Less: Exports of goods and	1	14,369.1	14,119.0	14,114.7	14,277.3	14,446.4	14,578.7	14,750.2
services	2	1,843.4	1,578.4	1,582.1	1,689.9	1,757.8	1,817.9	1,847.0
Plus: Imports of goods and services	3	2,553.8	1,964.7	1,990.5	2,116.3	2,237.6	2,357.1	2,399.1
Equals: Gross domestic purchases	Ì	<i>'</i>	i '	,	'		'	ĺ
inventories	5	-41.1	-127.2	-143.3	-44.2	50.0	80.4	126.6
Equals: Final sales to domestic purchasers	6	15,120.6	14,632.7	14,666.3	14,748.0	14,876.3	15,037.6	15,175.8
Addendum: Final sales of domestic product	7	14,410.2	14,246.3	14,258.0	14,321.5	14,396.4	14,498.3	14,623.6

Table 1.4.1. Percent Change From Preceding Period in Real Gross Domestic Product, Real Gross Domestic Purchases, and Real Final Sales to Domestic Purchasers

[Percent]

	3 4 5 6			Seas	onally ad	usted at a	annual rat	es
	Line	2008	2009	200	9		2010	
			F	III	IV	1	II į	III
Gross domestic product	1 2 3	0.0 6.0 -2.6	-2.6 -9.5 -13.8	1.6 12.2 21.9	5.0 24.4 4.9	3.7 11.4 11.2	1.7 9.1 33.5	2.5 6.3 16.8
Equals: Gross domestic purchases Less: Change in private inventories		-1.1	-3.6	3.0	3.0	3.9	5.1	4.2
Equals: Final sales to domestic purchasers	6	-0.6	-3.1	1.8	0.2	1.3	4.3	2.9
Addenda: Final sales of domestic product Gross domestic purchases, current	7	0.5	-2.1	0.4	2.1	1.1	0.9	1.2
dollars	8	2.1	-3.8	4.3	5.1	6.2	5.2	5.0
current dollars	9	2.5	-3.2	3.3	2.2	3.5	4.4	3.7

Table 1.4.4. Price Indexes for Gross Domestic Product, Gross Domestic Purchases, and Final Sales to Domestic Purchasers

[Index numbers, 2005=100]

				ļ	Seas	onally ad	usted	
	Line	2008	2009	20	009	i	2010	
				ttt	ΙV	1	II	: III
Gross domestic product Less: Exports of goods and services Plus: Imports of goods and services	2		105.877	109.759 106.212 105.879	107.424	108.771		110.127
Equals: Gross domestic purchases Less: Change in private inventories	4 5	109.813	109.614	109.702	110.265	110.838	110.852	111.081
Equals: Final sales to domestic purchasers	6	109.823	109.649	109.757	110.309	110.900	110.917	111.135
Addenda: Final sales of domestic product Implicit price deflator for final sales	7	108.608	109.647	109.809	109.736	110.020	110.552	111.170
to domestic purchasers	8	109.823	109.649	109.756	110.308	110.899	110.915	111.134

Table 1.4.6. Relation of Real Gross Domestic Product, Real Gross Domestic Purchases, and Real Final Sales to Domestic Purchasers, Chained Dollars

[Billions of chained (2005) dollars]

	Seasonally adjusted at annual rates							
	Line	2008	2009	20	109		2010	
			3 12,880.6 7 1,490.7 7 1,853.8 1 13,233.6 6 —113.1 2 13,345.0	III	IV	ï	11	111
Gross domestic product Less: Exports of goods and	1	13,228.8	12,880.6	12,860.8	13,019.0	13,138.8	13,194.9	13,277.4
services	2	1,647.7	1,490.7	1,490.0	1,573.5	1,616.4	1,652.1	1,677.5
services Equals: Gross domestic	3	2,151.7	1,853.8	1,880.8	1,903.6	1,954.8	2,101.1	2,184.2
purchases	4	13,729.4	13,233.6	13,239.8	13,338.2	13,467.6	13,637.7	13,778.2
inventories	5	-37.6	-113.1	-128.2	-36.7	44.1	68.8	111.5
domestic purchasers	6	13,768.2	13,345.0	13,362.6	13,369.9	13,414.3	13,557.7	13,655.4
Addendum: Final sales of domestic product	7	13,268.1	12,992.8	12,984.5	13,051.1	13,085.5	13,114.7	13,154.5

Note. Chained (2005) dollar series are calculated as the product of the chain-type quantity index and the 2005 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.

^{1.} Equals gross domestic product excluding gross value added on nousehous and institutions and or general government.
2. Equals gross domestic business value added excluding gross farm value added.
3. Equals compensation of employees of nonprofit institutions, the rental value of nonresidential fixed assets owned and used by nonprofit institutions serving households, and rental income of persons for tenant-occupied housing owned by nonprofit institutions.
4. Equals compensation of general government employees plus general government consumption of fixed capital. Norz. Chained (2005) dollar series are calculated as the product of the chain-type quantity index and the 2005 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Table 1.5.1. Percent Change From Preceding Period in Real **Gross Domestic Product, Expanded Detail**

				Sea	sonally ac	ljusted at	annual ra	ates	
	Line	2008	2009	200	09		2010		
				III	IV		II I	111	
Gross domestic product	1	0.0	-2.6	1.6	5.0	3.7	1.7	2. 5	
Personal consumption expenditures	2	-0.3	-1.2	2.0	0.9	1.9	2.2	2.8	
Goods	3	-2.5	-2.0	7.2	1.7	5.7	3.4	3.5	
Durable goods	4	-5.2	-3.7	20.1	-1.1	8.8	6.8	7.4	
Motor vehicles and parts Furnishings and durable	5	-13.8	-6.9	42.7	-21.3	-2.6	6.9	5.5	
household equipment	6	-3.6	-6.4	7.0	9.4	13.9	9.0	5.5	
Recreational goods and									
vehicles	7	3.3	1.4	17.1	15.8	12.9	9.3	11.7	
Other durable goods Nondurable goods	8	-3.7 -1.1	-2.3 -1.2	4.9 1.7	-0.8 3.1	18.8 4.2	-2.2 1.9	5.5 1.8	
Food and beverages	ľ	"'	'	""	0.1	7.5	1.0	1.0	
purchased for off-premises									
consumption	10	-0.8	-0.9	4.0	5.1	3.7	-2.9	2.8	
Clothing and footwear Gasoline and other energy	11	-0.6	-4.4	0.5	5.8	12.0	6.4	-1.5	
goods	12	-4.7	1.2	-1.9	-2.3	0.7	3.0	-2.7	
Other nondurable goods	13	0.2	-1.1	1.4	2.4	3.3	4.5	4.1	
Services	14	0.9	-0.8	-0.5	0.5	0.1	1.6	2.5	
Household consumption	15		۸ - ۱	,,		0.0	1.5	2.4	
expenditures (for services) Housing and utilities	16	0.6 0.8	-0.7 1.1	-0.8 1.8	0.2 1.7	-0.5	1.5	3.3	
Health care	17	2.8	2.2	-0.1	1.8	-0.3	3.1	2.8	
Transportation services	18	-5.2	-8.1	-3.1	-1.0	3.5	4.1	3.9	
Recreation services	19	-0.3	-2.4	-4.4	-1.0	-0.1	-0.3	3.8	
Food services and accommodations	20	-0.7	-3.6	-1.4	0.6	6.9	2.5	2.6	
Financial services and	20	-0.7	-3.0	-1.4	0.0	0.9	2.5	2.0	
insurance	21	0.6	-3.6	-3.6	-3.7	-2.8	1.1	-2.3	
Other services	22	-0.3	-1.2	-2.2	-1.2	-1.2	-0.8	3.0	
Final consumption expenditures	ļ				ļ				
of nonprofit institutions serving households (NPISHs) 1	23	9.0	-4.2	9.3	8.6	1.2	3.4	3.9	
Gross output of nonprofit	-	0.0	7	0.0	0.0		0	0.0	
institutions 2	24	2.6	0.6	-0.3	1.6	-0.9	3.3	3.8	
Less: Receipts from sales of					. !				
goods and services by nonprofit institutions 3	25	0.5	2.3	-3.2	-0.5	-1.6	3.3	3.8	
Gross private domestic investment	26	~9.5	-22.6	11.8	26.7	29.1	26.2	12.4	
Fixed investment	27	-6.4	-18.3	0.7	-1.3	3.3	18.9	1.7	
Nonresidential	28	0.3	-17.1	-1.7	-1.4	7.8	17.2	10.3	
Structures	29	5.9	-20.4	-12.4	-29.2	-17.8	-0.5	-5.7	
Equipment and software Information processing	30	-2.4	-15.3	4.2	14.6	20.4	24.8	16.8	
equipment and software	31	6.1	0.2	14.7	22.4	8.4	15.3	11.0	
Computers and						• • •			
peripheral equipment	32	13.3	-1.5	23.1	80.6	4.8	45.2	-2.3	
Software 4 Other	33	5.8 3.5	1.7 -1.1	7.1 22.3	14.2 13.5	9.2 8.8	8.1 13.0	15.2 12.0	
Industrial equipment	35	-4.2	-23.3	-10.2	-3.0	0.2	44.2	7.5	
Transportation equipment	36	23.0	-51.5	-11.2	40.2	173.9	74.8	63.9	
Other equipment	37	-3.7	-22.3	-6.4	-4.3	32.7	16.2	19.2	
Residential	38	-24.0	-22.9	10.6	-0.8	-12.3	25.7	-27.5	
Change in private inventories	40								
Nonfarm	41								
Net exports of goods and services	42				l				
Exports	43	6.0	-9.5	12.2	24.4	11.4	9.1	6.3	
Goods Services	44 45	6.3 5.3	-12.0 -3.9	18.7 0.1	31.7 10.2	14.0 5.8	11.5 3.9	5.5 8.1	
Imports	46	-2.6	-13.8	21.9	4.9	11.2	33.5	16.8	
Goods	47	-3.5	-15.8	27.4	6.2	12.0	40.5	17.5	
Services	48	2.4	-4.2	1.5	-0.5	7.8	4.3	13.7	
Government consumption expenditures and gross	40	0.0			14	16	20	40	
investment Federal	49 50	2.8 7.3	1.6 5.7	1.6 5.7	-1.4 0.0	-1.6 1.8	3.9 9.1	4.0 8.9	
National defense	51	7.5	5.4	9.0	-2.5	0.4	7.4	8.5	
Consumption expenditures	52	6.5	5.3	7.9	-3.6	0.3	5.4	8.9	
Gross investment	53	14.4	6.0	15.6	4.5	0.7	20.4	6.6	
Nondefense	54	6.7	6.5	-0.9	5.6	5.0	12.8	9.5	
Consumption expenditures Gross investment	55 56	6.7	6.9 3.9	-2.8 13.8	5.4 7.2	2.9	12.2 17.2	8.3 17.8	
State and local	57	0.3	-0.9	-1.0	-2.3	-3.8	0.6	0.8	
Consumption expenditures	58	0.0	-0.7	-1.7	-0.4	-1,1	-0.9	-1.4	
Gross investment	59	1.4	-1.9	1.7	-9.9	-14.4	7.5	10.8	

Table 1.5.2. Contributions to Percent Change in Real **Gross Domestic Product, Expanded Detail**

				Seas	onally ad	justed at a	annual rat	es
	Line	2008	2009	200	9		2010	
			}	III	IV	ı	П	III
Percent change at annual rate: Gross domestic product	1	0.0	-2.6	1.6	5.0	3.7	1.7	2.5
Percentage points at annual rates: Personal consumption	i					!		
expenditures	2	-0.18 -0.60	-0.84 -0.46	1. 41 1.62	0.69 0.42	1.33 1.29	1.54 0.79	1.97 0.81
Durable goods	4	-0.42	-0.27	1.35	-0.07	0.62	0.49	0.53
Motor vehicles and parts Furnishings and durable	5	-0.39	-0.17	0.83	-0.56	-0.06	0.15	0.13
household equipment Recreational goods and	6	-0.07	-0.12	0.12	0.16	0.23	0.15	0.09
vehicles Other durable goods	7 8	0.08 -0.04	0.03 0.02	0.36 0.05	0.34 -0.01	0.28 0.18	0.20 -0.02	0.25 0.05
Nondurable goods Food and beverages purchased for off-premises	9	-0.18	-0.18	0.27	0.49	0.67	0.31	0.28
consumption	10	-0.04	-0.05	0.22	0.28	0.20	-0.16	0.15
Clothing and footwear Gasoline and other energy	11	-0.01	-0.10	0.01	0.13	0.26	0.14	-0.03
goods Other nondurable goods	12 13	-0.13 0.01	0.03 -0.06	-0.04 0.08	-0.05 0.14	0.02 0.18	0.07 0.25	-0.07 0.23
Services	14	0.41	-0.38	-0.21	0.27	0.03	0.75	1.16
Household consumption expenditures (for services)	15	0.25	-0.30	-0.37	0.12	0.01	0.69	1.09
Housing and utilities Health care	16	0.09 0.29	0.14 0.23	0.24 -0.01	0.23 0.21	-0.06 -0.04	0.14 0.35	0.43 0.32
Transportation services	18	-0.12	-0.18	-0.07	-0.02	0.07	0.08	0.08
Recreation services Food services and	19	-0.01	-0.06	-0.12	-0.03	0.00	-0.01	0.10
accommodations Financial services and	20	-0.03	-0.16	-0.06	0.02	0.29	0.11	0.11
insurance	21	0.03	-0.21	-0.21	-0.21	-0.16 -0.08	0.07	-0.13
Other services Final consumption expenditures	22	-0.02	-0.07	-0.14	-0.08	-0.08	-0.05	0.19
of nonprofit institutions serving households (NPISHs) 1	23	0.16	-0.08	0.16	0.15	0.02	0.06	0.07
Gross output of nonprofit institutions 2	24	0.18	0.04	-0.02	0.12	-0.07	0.25	0.28
Less: Receipts from sales of goods and services by	24	0.16	0.04	-0.02	0.12	-0.07	0.25	0.20
nonprofit institutions 3	25	0.02	0.12	-0.18	-0.03	-0.09	0.18	0.21
Gross private domestic investment Fixed investment	26	−1.53 −1.02	-3.24 -2.69	1.22 0.12	2.70 -0.12	3.04 0.39	2.88 2.06	1.51 0.20
Nonresidential	28	0.03	-1.96	-0.13	-0.10	0.71	1.51	0.96
Structures Equipment and software	29 30	0.22 -0.19	-0.81 -1.15	-0.41 0.28	-1.01 0.91	-0.53 1.24	-0.01 1.52	-0.15 1.11
Information processing equipment and software Computers and	31	0.23	0.01	0.52	0.79	0.32	0.57	0.42
peripheral equipment	32	0.08	-0.01	0.12	0.36	0.03	0.24	-0.02
Software 4 Other	33	0.10 0.05	0.03 -0.02	0.13 0.27	0.25 0.18	0.17 0.12	0.15 0.17	0.28 0.16
Industrial equipment Transportation equipment	35 36	-0.06 -0.31	-0.31 -0.54	-0.11 -0.05	-0.03 0.20	0.00 0.62	0.39	0.08 0.40
Other equipment	37	-0.05	-0.30	-0.07	-0.05	0.30	0.17	0.20
Residential Change in private inventories	38	-1.05 -0.51	-0.74 -0.55	0.25 1.10	-0.02 2.83	-0.32 2.64	0.55 0.82	-0.75 1.30
Farm	40	0.01	0.02	-0.19	0.21	0.07	0.02	-0.08
Net exports of goods and services	41	-0.53 1.18	-0.57 1.13	1.29 -1.37	2.62 1.90	2.57 -0.31	0.80 -3.50	1.38 -1.76
Exports	43	0.72	-1.18	1.30	2.56	1.30	1.08	0.77
Goods Services		0.53	-1.04 -0.15	1.29 0.01	2.19 0.37	1.09 0.21	0.93	0.47 0.30
Imports		0.46 0.52	2.32 2.20	-2.67 -2.64	-0.66 -0.68	-1.61 -1.41	-4.58 -4.46	-2.52 -2.17
Services	48	-0.07	0.12	-0.03	0.02	-0.20	-0.12	-0.36
Government consumption expenditures and gross investment	49	0.54	0.32	0.33	-0.28	-0.32	0.80	0.81
Federal National defense	50 51	0.51 0.36	0.43 0.27	0.45 0.48	0.01 -0.13	0.15 0.02	0.72 0.40	0.71 0.46
Consumption expenditures	52	0.27	0.23	0.37	-0.17	0.02	0.25	0.41
Gross investment Nondefense		0.09 0.15	0.04 0.16	0.12 -0.03	0.04 0.14	0.01 0.13	0.15 0.32	0.05 0.25
Consumption expenditures	55	0.13	0.14	-0.07	0.12	0.07	0.27	0.19
Gross investment State and local		0.02 0.04	0.01 -0.11	0.04	0.02 -0.29	0.06 -0.48	0.05	0.06 0.10
Consumption expenditures	58	0.00	-0.07	-0.17	-0.03	-0.11	-0.09	-0.14
Gross investment	59	0.03	-0.05	0.05	-0.25	-0.36	0.17	0.24

Net expenses of NPISHs, defined as their gross operating expenses less primary sales to households.
 Gross output is net of urrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; excludes own-account investment (construction and software).
 Excludes unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; includes membership dues and fees.
 Excludes software "embedded," or bundled, in computers and other equipment.

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 Excludes unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; includes membership dues and fees.
 Excludes software "embedded," or bundled, in computers and other equipment.

Table 1.5.3. Real Gross Domestic Product, **Expanded Detail, Quantity Indexes**

[Index numbers, 2005=100]

	-	_						
					Seas	onally adj	usted	
	Line	2008	2009	20	09		2010	
	İ			Ш	IV	- 1	- 11	1 111
Gross domestic product	1	104.672	101.917	101.760	103.012	103.960	104.403	105.056
Personal consumption		405.055						
expenditures	2 3	105.057 103.462	103.797 101.416	103.885 102.092	104.126 102.533	104.608 103.952	105.178 104.837	105.911 105.748
Durable goods	4	102.798	99.011	101.159	100.870	103.025	104.735	106.614
Motor vehicles and parts	5	85.000	79.093	83.655	78.782	78.271	79.584	80.661
Furnishings and durable household equipment	6	102.827	96.222	96.075	98.254	101.506	103.725	105 121
Recreational goods and	"	102.027	30.222	30.073	30.234	101.500	103.723	100.121
vehicles	7	129.771	131.643	132.793	137.749	141.981	145.157	149.212
Other durable goods Nondurable goods	8	101.041	98.669	99.590 102.460	99.380 103.247	103.753	103.183	
Food and beverages	3	103.096	102.467	102.400	103.247	104.321	104.823	100.200
purchased for off-premises		i						
Clothing and facturer	10	103.997 108.304	103.023	103.426	104.710 104.432	105.672	104.895	105.610
Clothing and footwear Gasoline and other energy	''	106.304	103.570	102.980	104.432	107.436	109.113	108.704
goods	12	92.523	93.660	93.527	92.996	93.155	93.854	93.204
Other nondurable goods	13	107.058	105.867	105.657	106.294	107.148	108.337	109.425
Services Household consumption	14	105.870	105.006	104./9/	104.936	104.952	105.366	106.012
expenditures (for services)	15	105.155	104.448	104.257	104.315	104.320	104.713	105.340
Housing and utilities	16	103.524	104.682	104.835	105.275	105.147	105.437	106.308
Health care Transportation services	17 18	107.148 95.511	109.457 87.758	109.547 87.192	110.028 86.966	109.932 87.710	110.766 88.602	111.532 89.455
Recreation services	19	107.116	104.597	103.883	103.610	103.584	103.498	104.460
Food services and	00	104 004	100 404	100 000	100 150	404 000	100 470	100 100
accommodations Financial services and	20	104.234	100.461	100.009	100.150	101.838	102.476	103.133
insurance	21	108.183	104.265	103.758	102.793	102.074	102.364	101.781
Other services	22	105.750	104.526	103.974	103.650	103.334	103.132	103.886
Final consumption expenditures of nonprofit institutions serving								
households (NPISHs) 1	23	124.877	119.597	118.919	121.393	121.755	122.788	123.958
Gross output of nonprofit	04	100 050	100 050	100.040	100 007	400.040	100 744	
institutions 2 Less: Receipts from sales of	24	108.252	108.852	108.648	109.087	108.846	109.744	110.771
goods and services by								
nonprofit institutions 3	25	103.033	105.361	105.300	105.166	104.756	105.613	106.595
Gross private domestic investment	26	90.105	69.778	68.800	73.000	77.811	82.474	84.923
Fixed investment Nonresidential	27 28	94.096	76.835 95.804	76.447 95.216	76.198 94.879	76.826 96.677	80.219 100.592	80.549 103.084
Structures	29	131.976	105.064	103.911	95.310	90.761	90.649	89.327
Equipment and software	30	108.681	92.035	91.716	94.895	99.408	105.067	109.217
Information processing equipment and software	31	125.136	125.368	126.613	133.164	135.861	140.775	144.499
Computers and								
peripheral equipment Software 4	32	159.060 116.907	156.682	155.815 119.562	180.635 123.600	182.749 126.350	200.624 128.839	199.462 133.485
Other	34	122.185	120.829		127.510	130.239	134.286	
Industrial equipment	35	107.896	82.784	80.998	80.385	80.422	88.127	89.732
Transportation equipment Other equipment	36 37	78.698 99.177	38.207 77.020	37.676 74.954	41.000 74.133	52.744 79.571	60.651 82.614	68.621 86.328
Residential	38	57.324	44.220	44.185	44.092	42.670	45.177	41.692
Change in private inventories	39 40							
Farm Nonfarm	41							
Net exports of goods and services	42							
Exports	43	126.255	114.228	114.174	120.569	123.858	126.592	128.541
Goods Services	44 45			112.474 117.933				
Imports	46	106.113	91.418	92.752	93.874	96.401	103.613	107.715
Goods	47	105.189	88.615	90.324	91.691	94.321	102.690	106.905
Services Government consumption	48	111.167	100.401	105.915	105.772	107.766	108.916	112.463
expenditures and gross								
investment	49		107.287		107.613		108.228	109.292
FederalNational defense	50 51	110.900	117.266	119.085 120.237	119.091 119.477	119.634 119.582	122.276 121.732	124.896
Consumption expenditures		109.175	114.933		116.251	116.337	117.866	120.397
Gross investment	53	129.524	137.252	141.271	142.838	143.089	149.875	152.300
Nondefense Consumption expenditures		109.326	116.467 115.768	116.687		119.738 118.171	123.410 121.627	126.239 124.080
Gross investment	56	116.678	121.237	122.874	117.321 125.021	131.075	136.377	142.066
State and local	57	102.611	101.688	101.770	101.179	100.213	100.367	100.566
Consumption expenditures	58	102.328	101.655	101.444	101.354	101.076	100.847	100.483
Gross investment	59	103.812	101.854	103.135	100.474	96.642	98.399	100.948

Table 1.5.4. Price Indexes for Gross Domestic Product, **Expanded Detail**

					S e as	onally adj	usted	
	Line	2008	2009	20	009		2010	
				III	IV	1	II	Ш
Gross domestic product	1	108.598	109.618	109.759	109.693	109.959	110.485	111.111
Personal consumption	_				l	l .	İ	
expenditures	2	109.061	109.258	109.598	110.333	110.901	110.888	111.172
Goods Durable goods	3	106.262 95.340	103.634 93.782	104.403 93.450	105.120 93.603	105.784 93.121	104.812 92.755	105.055
Motor vehicles and parts	5	98.575	98.676	98.961	101.333	102.384	103.041	103.637
Furnishings and durable		\	1	1	1		Ì	
household equipment	6	98.041	97.709	97.357	96.127	95.304	94.310	93.010
Recreational goods and vehicles	7	84.233	79.513	78.653	77.455	76.282	75.327	74.278
Other durable goods	8	109.745	111.234	110.981	112.456	111.179	111.571	111.756
Nondurable goods	9	112.484		110.624		112.949	111.638	
Food and beverages								
purchased for off-premises		110 000	110 500	440.007	440.050	110 100	440.040	440.000
consumption Clothing and footwear	10 11	112.089 97.754	113.538 98.588	112.967 99.207	112.950 98.770	113.466 98.452	113.916 97.439	113.989 98.323
Gasoline and other energy	'''	37.734	30.500	33.201	30.770	30.432	31.400	30.020
goods	12	145.870	106.387	114.356	121.338	128.166	118.788	121.610
Other nondurable goods	13	106.032	110.691	111.605		112.594		112.916
Services	14	110.566	112.233	112.355	113.102	113.620	114.116	114.423
Household consumption	15	110 022	112.718	112 050	112 621	114 205	114 702	114 004
expenditures (for services) Housing and utilities		110.832	113.240		113.631 113.277	114.205	114.703	114.986
Health care	17	109.730	112.693	113.041			115.286	
Transportation services	18	112.406	115.633	115.659	116.730	117.501	118.269	117.933
Recreation services	19	109.542	110.815	111.318	111.420	111.325	111.904	112.386
Food services and	20	111 644	114 275	114 426	114.935	115 001	115 704	116 00
accommodations Financial services and	20	111.644	114.375	114.430	114.935	1115.001	115.794	110.32
insurance	21	110.015	109.533	109.436	111.427	113.396	113.758	113.57
Other services		110.819	113.329	113.667		115.541		
Final consumption expenditures					l			
of nonprofit institutions serving		104 000	101 105	101 000	100.077	100.054	100 710	101 50
households (NPISHs) 1	23	104.298	101.105	101.003	100.977	100.254	100.713	101.53
institutions 2	24	109.594	111.137	111.438	112.221	112.553	113.322	113.974
Less: Receipts from sales of							. 10.022	1.0.07
goods and services by								
nonprofit institutions 3		1111.494	114.836	,	116.359	117.088	117.972	118.56
Gross private domestic investment		106.977	104.873	103.656	103.466	102.952	102.765	102.85
Fixed investment	27 28	107.053 106.984	105.260	104.294 104.768	104.030	103.661 103.639	103.487 103.636	103.486
Structures	29	125.460	122.187	119.654	119.017	119.291	119.887	120.62
Equipment and software		100.083	99.620	99.344	98.721	97.954	97.764	97.578
Information processing								
equipment and software	31	92.470	89.062	88.653	88.285	87.923	87.583	87.12
Computers and peripheral equipment	32	70.639	64.734	64.049	63.072	62.638	61.989	61.448
Software 4		101.916	100.364	99.755	99.973	99.700	99.538	99.244
Other	34	92.483	88.358	88.345	87.661	87.249	86.909	86.325
Industrial equipment		112.440	113.766	113.741	114.098	114.362	114.891	115.17
Transportation equipment Other equipment	36	102.921	109.977 112.772	110.986 112.223	105.729	101.206 110.841	100.648 110.947	100.46
Residential		106.261	102.736	101.637	102.712	102.869		
Change in private inventories	39							
Farm	40	1						
Nonfarm	41							
Net exports of goods and services	42	111.874	105 077	106.212	107.404	100 771	110.000	110 12
Exports		111.970			106.072	108.771	110.060 1108.965	
Services								
Imports	46	118.685	105.987	105.879	110.437 111.222	114.514	112.234	109.88
Goods		119.603						
Services Government consumption expenditures and gross	48	113.921	110.711	111.179	113.650	114.351	114.813	114.09
investment					115.067		116.606	
Federal		111.119			111.141	112.375	112.615	
National defense	51	112.109 113.091	111.342	111.153	111.590	113.046	113.377	
Consumption expenditures Gross investment		105.781	112.240		112.522	114.191 105.807	114.555 105.950	
Nondefense		109.077			110.222	110.997	111.053	
Consumption expenditures	55	110.000	111.156	111.067	111.496	112.389	112.466	112.56
Gross investment		103.021	102.299	101.655	101.866		101.806	102.01
	57	117.349	1116 892	116.998	117.434	118.760	119.014	119.14
State and local		116.766	115.608	115.040	116.587	118.148	118.356	

Net expenses of NPISHs, defined as their gross operating expenses less primary sales to households.
 Gross output is net of unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; excludes own-account investment (construction and software).
 Sexcludes unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; includes membership dues and fees.
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 Excludes software "embedded," or bundled, in computers and other equipment.

Table 1.5.5. Gross Domestic Product, Expanded Detail

Gross domestic product	Line	2008	2009	2009			2010		
Gross domestic product						2010			
Gross domestic product	1			III	IV	I	II	III	
	1	14,369.1	14,119.0	14,114.7	14,277.3	14,446.4	14,578.7	14,750.2	
rsonal consumption expenditures		10,104,5	10.001.3	10.040.7	10,131.5	10.230.8	10,285.4	10,383.6	
Goods	3	3,379.5	3,230.7	3,276.1	3,312.9	3,380.0	3,377.5	3,414.7	
Durable goods	4	1,083.5	1,026.5	1,045.2	1,043.9	1,060.7	1,074.1	1,087.2	
Motor vehicles and parts		343.2	319.7	339.1	327.0	328.3	335.9	342.4	
Furnishings and durable household equipment		266.0	248.1	246.9	249.3	255.3	258.2	258.	
Recreational goods and vehicles	7	331.6	317.5	317.1	323.9	328.8	331.9 148.0	336.5 150.0	
Other durable goods		142.6 2.296.0	141.1 2,204.2	142.1 2,231.0	143.7 2,269.0	148.3 2.319.3	2.303.4	2.327.4	
Nondurable goods		775.2	777.9	777.0	786.5	797.4	794.6	800.0	
Clothing and footwear		334.1	322.2	322.4	325.5	333.8	335.5	337.3	
Gasoline and other energy goods		411.4	303.7	326.2	344.1	364.1	340.0	345.	
Other nondurable goods		775.4	800.4	805.5	812.9	824.1	833.3	844.	
Services		6,725.0	6.770.6	6.764.6	6.818.6	6.850.9	6,907.9	6,968.	
Household consumption expenditures (for services)		6,446.1	6,511.8	6,507.5	6,556.2	6,589.6	6,643.2	6,699.	
Housing and utilities	16	1,833.1	1,876.3	1,877.5	1,887.6	1,887.1	1,892.5	1,910.	
Health care		1,547.2	1,623.2	1,629.5	1,650.1	1,657.5	1,680.4	1,701.	
Transportation services		306.9	290.1	288.3	290.2	294.6	299.6	301.	
Recreation services		383.4	378.8	377.9	377.3	376.8	378.5	383.	
Food services and accommodations			603.6	601.2	604.7	615.2	623.3	630.	
Financial services and insurance		848.1	813.8	809.3	816.3	824.9	829.9	823.	
Other services	22	916.0	925.9	923.8	930.1	933.3	939.1	948.	
Final consumption expenditures of nonprofit institutions serving households (NPISHs) 1		278.8	258.9	257.1	262.4	261.3	264.7	269.	
Gross output of nonprofit institutions 2		1,037.6	1,058.1	1,059.0	1,070.7	1,071.5	1,087.7	1,104.1 834.1	
Less: Receipts from sales of goods and services by nonprofit institutions 3		758.8	799.2	801.9	808.3	810.2	823.0		
oss private domestic investment		2,096.7	1,589.2	1,548.5	1,637.7	1,739.7	1,841.8	1,895.	
Fixed investment		2,137.8	1,716.4	1,691.8	1,681.9	1,689.8	1,761.4	1,768.	
Nonresidential	28	1,665.3	1,364.4	1,343.8	1,330.9	1,349.6	1,404.2	1,439.	
Structures		582.4 1,082.9	451.6 912.8	436.6 907.2	398.2 932.7	380.1 969.5	381.5 1.022.7	378.: 1.061.	
Equipment and software		549.9	530.7	533.7	559.0	568.0	586.2	598.	
Information processing equipment and software		88.6	80.0	78.9	90.1	90.5	98.4	96.	
Software 4		259.7	260.2	260.0	269.4	274.7	279.6	288.	
Other		201.6	190.4	194.7	199.5	202.8	208.3	212.	
Industrial equipment		193.7	150.4	147.1	146.4	146.8	161.6	165.	
Transportation equipment		147.2	76.4	76.0	78.8	97.0	110.9	125.	
Other equipment		192.1	155.4	150.5	148.6	157.7	163.9	172.	
Residential	38	472.5	352.1	348.0	351.0	340.2	357.2	329.	
Change in private inventories	39	-41.1	-127.2	-143.3	-44.2	50.0	80.4	126.	
Farm		1.6	3.8	-0.7	7.1	9.3	9.6	7.	
Nonfarm	41	-42.7	-131.1	-142.6	-51.3	40.7	70.8	119.	
et exports of goods and services	42	-710.4	-386.4	-408. 3	-426.4	-479.9	-539.3	~552.	
Exports	43	1,843.4	1,578.4	1,582.1	1,689.9	1,757.8	1,817.9	1,847.	
Goods	44	1,295.1	1,063.1	1,068.6	1,157.6	1,213.0	1,262.8	1,281.	
Services		548.3	515.3	513.6	532.3	544.8	555.1	566.	
Imports		2,553.8	1,964.7	1,990.5	2,116.3	2,237.6	2,357.1	2,399.	
Goods		2,148.8	1,587.8	1,613.8	1,731.8	1,843.5	1,957.2	1,988.	
Services		405.0	376.9	376.6	384.5	394.1	400.0	410.	
overnment consumption expenditures and gross investment		2,878.3	2,914.9	2,933.8	2,934.5	2,955.7	2,990.8	3,023.	
Federal		1,079.9	1,139.6	1,155.4	1,159.9	1,178.1	1,206.7	1,233.	
National defense		737.3	771.6	787.3	785.4	796.3	813.0	830.	
Consumption expenditures		635.7	664.1	676.9	673.5	684.0	695.2	711.	
Gross investment	53	101.7	107.5	110.4	111.9	112.4	117.9 393.7	119. 403.	
Nondefense		342.5 299.0	368.0 323.0	368.1 322.8	374.5 328.3	381.8 333.3	393.7	403. 350	
Consumption expenditures									
Gross investment	56 57	43.6 1.798.5	45.0 1,775.3	45.3 1,778.4	46.2 1,774.7	48.4 1,777.6	50.3 1,784.1	52. 1,789	
Consumption expenditures			1,775.3	1,425.6	1,432.2	1,447.4	1,764.1	1,769.	
Gross investment			351.0	352.8	342.4	330.2	337.4	347.	

Net expenses of NPISHs, defined as their gross operating expenses less primary sales to households.
 Gross output is net of unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; excludes own-account investment (construction and software).
 Excludes unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; includes membership dues and fees.
 Excludes software "embedded" or bundled, in computers and other equipment.

Table 1.5.6. Real Gross Domestic Product, Expanded Detail, Chained Dollars

[Billions of chained (2005) dollars]

					Seasonally	adjusted at annu	al rates	
	Line	2008	2009	2009			2010	
				III	IV	ł	11	III
Gross domestic product	1	13,228.8	12,880.6	12,860.8	13,019.0	13,138.8	13,194.9	13,277.4
Personal consumption expenditures	2	9,265.0	9,153.9	9,161.6	9,182.9	9,225.4	9,275.7	9,340.3
Goods	3	3,180.3	3,117.4	3,138.2	3,151.8	3,195.4	3,222.6	3,250.6
Durable goods	4	1,136.4	1,094.6	1,118.3	1,115.1	1,138.9	1,157.8	1,178.6
Motor vehicles and parts	5	348.2	324.0	342.7	322.7	320.6	326.0	330.4
Furnishings and durable household equipment	6	271.4 393.7	253.9 399.3	253.5 402.8	259.3 417.9	267.9 430.7	273.7 440.3	277.4 452.6
Recreational goods and vehicles	8	129.9	126.9	128.1	127.8	133.4	132.7	452.6 134.5
Nondurable goods	ا ۋ	2.041.2	2.017.4	2.016.9	2.032.3	2,053.5	2.063.4	2.072.4
Food and beverages purchased for off-premises consumption	10	691.6	685.1	687.8	696.3	702.7	697.6	702.3
Clothing and footwear	11	341.7	326.8	324.9	329.5	339.0	344.3	343.0
Gasoline and other energy goods	12	282.0	285.5	285.1	283.5	284.0	286.1	284.1
Other nondurable goods	13	731.3	723.1	721.7	726.0	731.9	740.0	747.4
Services	14	6,082.3	6,032.7	6,020.7	6,028.7	6,029.6	6,053.4	6,090.5
Household consumption expenditures (for services)	15	5,816.1	5,777.0	5,766.5	5,769.7	5,769.9	5,791.7	5,826.4
Housing and utilities	16 17	1,638.6 1,410.0	1,656.9 1,440.4	1,659.4 1,441.6	1,666.3 1,447.9	1,664.3 1,446.7	1,668.9 1,457.6	1,682.7
Transportation services	18	273.1	250.9	249.3	248.6	250.8	253.3	1,467.7 255.8
Recreation services	19	350.0	341.8	339.5	338.6	338.5	338.2	341.4
Food services and accommodations	20	547.6	527.7	525.4	526.1	535.0	538.3	541.8
Financial services and insurance	21	770.9	743.0	739.4	732.5	727.4	729.5	725.3
Other services	22	826.5	817.0	812.7	810.1	807.7	806.1	812.0
Final consumption expenditures of nonprofit institutions serving households (NPISHs) 1	23	267.3	256.0	254.6	259.9	260.6	262.9	265.4
Gross output of nonprofit institutions 2	24	946.8	952.1	950.3	954.1	952.0	959.9	968.8
Less: Receipts from sales of goods and services by nonprofit institutions 3	25	680.6	696.0	695.6	694.7	692.0	697.6	704.1
Gross private domestic investment	26	1,957.3	1,515.7	1,494.5	1,585.7	1,690.2	1,791.5	1,844.7
Fixed investment	27	1,997.0	1,630.7	1,622.4	1,617.1	1,630.5	1,702.5	1,709.5
Nonresidential	28	1,556.6	1,290.8	1,282.9	1,278.3	1,302.6	1,355.3	1,388.9
Structures	29	464.2 1.082.0	369.6 916.3	365.5 913.1	335.3 944.7	319.3 989.7	318.9 1.046.0	314.2 1,087.3
Information processing equipment and software	31	594.7	595.8	601.8	632.9	645.7	669.1	686.8
Computers and peripheral equipment 4	32 .	304.7	000.0		002.5	043.7	003.1	000.0
Software 5	33	254.9	259.3	260.7	269.5	275.4	280.9	291.0
Other	34	217.9	215.5	220.3	227.4	232.3	239.5	246.4
Industrial equipment	35	172.2	132.2	129.3	128.3	128.4	140.7	143.3
Transportation equipment	36 37	143.0	69.4	68.5	74.5	95.8	110.2	124.7
Other equipment	38	177.5 444.2	137.8 342.7	134.1 342.4	132.7 341.7	142.4	147.8	154.5
Residential	39	-37.6	-113.1	-128.2	-36.7	330.7 44.1	350.1 68.8	323.1 111.5
Farm	40	1.0	3.4	-0.6	6.4	7.6	7.8	5.7
Nonfarm	41	-39.0	-116.9	-127.7	-43.0	36.5	61.0	106.0
Net exports of goods and services	42	-504.1	-363.0	-390.8	-330.1	-338.4	-449.0	-506.7
Exports	43	1.647.7	1,490.7	1.490.0	1,573.5	1,616,4	1.652.1	1.677.5
Goods	44	1,156.6	1,018.2	1,019.1	1,091.7	1,128.0	1,159.2	1,174.9
Services	45	491.1	472.0	470.5	482.0	488.9	493.6	503.3
Imports	46	2,151.7	1,853.8	1,880.8	1,903.6	1,954.8	2,101.1	2,184.2
Goods	47	1,796.6	1,513.5	1,542.7	1,566.1	1,611.0	1,753.9	1,825.9
Services	48	355.5	340.5	338.7	338.3	344.6	348.3	359.7
Government consumption expenditures and gross investment	49	2,502.7	2,542.6	2,559.3	2,550.3	2,540.2	2,564.9	2,590.1
Federal	50	971.8	1,027.6	1,043.5	1,043.6	1,048.4	1,071.5	1,094.5
National defense	51 52	657.7 562.1	693.0 591.7	708.3 604.0	703.8 598.5	704.4	717.1	731.9
Consumption expenditures	53	96.1	101.9	104.8	106.0	598.9 106.2	606.8 111.2	619.8 113.0
Nondefense	54	314.0	334.6	335.2	339.8	344.0	354.5	362.6
Consumption expenditures	55	271.8	290.6	290.7	294.5	296.6	305.3	311.4
Gross investment.	56	42.3	44.0	44.5	45.3	47.5	49.4	51.5
State and local	57	1,532.6	1,518.8	1,520.0	1,511.2	1,496.8	1,499.1	1,502.0
Consumption expenditures	58	1,240.2	1,232.1	1,229.5	1,228.4	1,225.1	1,222.3	1,217.9
Gross investment	59	292.3						
Residual	60 i	-5.7	286.8	290.4 4.7	282.9 -13.7	272.1 -22.1	277.0 -37.8	284.2 -42.4

^{1.} Net expenses of NPISHs, defined as their gross operating expenses less primary sales to households.
2. Gross output is net of unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; excludes own-account investment (construction and software).
3. Excludes unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; includes membership dues and fees.
4. The quantity index for computers can be used to accurately measure the real growth of this component. However, because computers exhibit rapid changes in prices relative to other prices in the economy, the chained-dollar estimates should not be used to measure the component's relative importance or its contribution to the growth rate of more aggregate series; accurate estimates of these contributions are shown in table 1.5.2 and real growth rates are shown in table 1.5.1.

Note. The residual line is the difference between the first line and the sum of the most detailed lines.

Table 1.6.4. Price Indexes for **Gross Domestic Purchases**

[Index numbers, 2005=100]

					Seas	onally adju	sted	
	Line	2008	2009	20	09		2010	
	.			111	IV	1	II.	Ш
Gross domestic purchases Personal consumption expenditures Goods Durable goods	1 2 3 4	109.813 109.061 106.262 95.340	109.614 109.258 103.634 93.782	109.702 109.598 104.403 93.450	110.265 110.333 105.120 93.603	110.838 110.901 105.784 93.121	110.852 110.888 104.812 92.755	111.081 111.172 105.055 92.235
Motor vehicles and parts Furnishings and durable	5	98.575	98.676	98.961	101.333	102.384	103.041	103.637
household equipment Recreational goods and vehicles	7	98.041	97.709 79.513	97.357 78.653	96.127 77.455	95.304 76.282	94.310 75.327	93.010 74.278
Other durable goods	9	109.745 112.484	111.234 109.262	110.981 110.624	112.456 111.651	111.179 112.949	111.571 111.638	111.756 112.311
for off-premises consumption Clothing and footwear Gasoline and other energy	10 11	112.089 97.754	113.538 98.588	112.967 99.207	112.950 98.770	113.466 98.452	113.916 97.439	113.989 98.323
goods Other nondurable goods Services	12 13 14	145.870 106.032 110.566	106.387 110.691 112.233	114.356 111.605 112.355	121.338 111.966 113.102	128.166 112.594 113.620	118.788 112.604 114.116	121.610 112.916 114.423
Household consumption expenditures	15	110.832	112.718	112.850	113.631	114.205	114.703	114.986
Housing and utilities Health care Transportation services	16 17 18	111.871 109.730 112.406	113.240 112.693 115.633	113.144 113.041 115.659	113.277 113.966 116.730	113.389 114.582 117.501	113.396 115.286 118.269	113.542 115.898 117.933
Recreation services Food services and accommodations	19 20	109.542 111.644	110.815 114.375	111.318 114.436	111.420 114.935	111.325 115.001	111.904 115.794	112.386 116.327
Financial services and insuranceOther servicesFinal consumption expenditures of	21 22	110.015 110.819	109.533 113.329	109.436 113.667	111.427 114.795	113.396 115.541	113.758 116.488	113.577 116.820
nonprofit institutions serving households (NPISHs) Gross private domestic investment Fixed investment	23 24 25	104.298 106.977 107.053	101.105 104.873 105.260	101.003 103.656 104.294	100.977 103.466 104.030	100.254 102.952 103.661	100.713 102.765 103.487	101.531 102.853 103.486
Nonresidential Structures Equipment and software	26 27 28	106.984 125.460 100.083	105.700 122.187 99.620	104.768 119.654 99.344	104.030 104.144 119.017 98.721	103.639 119.291 97.954	103.636 119.887 97.764	103.460 103.662 120.627 97.578
Information processing equipment and software Computers and peripheral	29	92.470	89.062	88.653	88.285	87.923	87.583	87.124
equipment Software [†] Other	30 31 32	70.639 101.916 92.483	64.734 100.364 88.358	64.049 99.755 88.345	63.072 99.973 87.661	62.638 99.700 87.249	61.989 99.538 86.909	61.448 99.244 86.325
Industrial equipment Transportation equipment Other equipment Residential	33 34 35 36	112.440 102.921 108.232 106.361	113.766 109.977 112.772 102.736	113.741 110.986 112.223 101.637	114.098 105.729 112.063 102.712	114.362 101.206 110.841 102.869	114.891 100.648 110.947 102.030	115.174 100.464 111.577 101.919
Change in private inventories Farm Nonfarm	37 38 39							
Government consumption expenditures and gross investment	40	115.009	114.644	114.635	115.067	116.358	116.606	116.734
Federal National defense Consumption expenditures Gross investment Nondefense Consumption expenditures	41 42 43 44 45 46	111.119 112.109 113.091 105.781 109.077 110.000	110.895 111.342 112.240 105.507 109.984 111.156	110.716 111.153 112.059 105.274 109.822 111.067	111.141 111.590 112.522 105.559 110.222 111.496	112.375 113.046 114.191 105.807 110.997 112.389	112.615 113.377 114.555 105.950 111.053 112.466	112.740 113.508 114.720 105.890 111.166 112.564
Gross investment State and local Consumption expenditures Gross investment	47 48 49 50	103.021 117.349 116.766 119.842	102.299 116.892 115.608 122.380	101.655 116.998 115.943 121.512	101.866 117.434 116.587 121.054	101.884 118.760 118.148 121.341	101.806 119.014 118.356 121.800	102.015 119.143 118.401 122.293
Addenda: Final sales of computers to domestic purchasers ² Gross domestic purchases excluding	51	68.563	61.477	60.337	59.433	58.903	58.146	57.729
final sales of computers to domestic purchasers	52 53 54	110.322 112.038	110.236 113.396	110.344 112.776	110.932 112.772	111.525 113.138 122.569	111.555 113.496 116.855	111.796
Gross domestic purchases excluding food and energyGross domestic product	55 56	136.288 108.668 108.598	109.541 109.422 109.618	112.982 109.429 109.759	118.309 109.839 109.693	110.274 109.959	110.491 110.485	118.351 110.667 111.11
Gross domestic product excluding final sales of computers Food 3	57 58	108.999 114.294	110.128 114.629	110.293 114.164	110.230 113.766	110.512 113.899	111.054 113.754	111.700 114.285
Energy goods and services Gross domestic product excluding food and energy Final sales of domestic product	59 60	87.227 108.672	99.394 109.495	104.156 109.524	109.919	81.351 110.392	93.428	111.05
Final sales of domestic product Final sales to domestic purchasers Implicit price deflator for gross	61 62 63	108.608 109.823 109.834	109.647 109.649 109.611	109.809 109.757 109.693	109.736 110.309 110.238	110.020 110.900 110.831	110.552 110.917 110.854	111.170 111.135 111.062

Table 1.6.7. Percent Change From Preceding Period in **Prices for Gross Domestic Purchases**

D-13

	[]	Percent]					
				Seaso	naliy ad	justed a	t annual	rates
	Line	2008	2009	200	09		2010	
				Ш	IV	Ī	11	III
Gross domestic purchases Personal consumption expenditures Goods Durable goods Motor vehicles and parts	1 2 3 4 5	3.2 3.3 3.2 -1.4 -1.1	-0.2 0.2 -2.5 -1.6 0.1	1.4 2.9 5.7 -2.5 4.9	2.1 2.7 2.8 0.7 9.9	2.1 2.1 2.6 -2.0 4.2	0.1 0.0 -3.6 -1.6 2.6	0.8 1.0 0.9 -2.2 2.3
Furnishings and durable household equipment Recreational goods and	6	-0.6	-0.3	-5.9	-5.0	-3.4	-4.1	-5.4
vehicles Other durable goods Nondurable goods Food and beverages purchased	7 8 9	-4.5 3.7 5.6	-5.6 1.4 -2.9	-8.3 0.3 9.7	-6.0 5.4 3.8	-5.9 -4.5 4.7	-4.9 1.4 -4.6	-5.5 0.7 2.4
for off-premises consumption Clothing and footwear Gasoline and other energy	10 11	6.0 -0.8	1.3 0.9	-2.4 3.6	-0.1 -1.8	1.8 -1.3	1.6 -4.1	0.3 3.7
goods Other nondurable goods Services Household consumption	12 13 14	17.7 2.4 3.4	-27.1 4.4 1.5	88.1 2.6 1.7	26.8 1.3 2.7	24.5 2.3 1.8	-26.2 0.0 1.8	9.8 1.1 1.1
expenditures	15 16 17 18 19	3.5 3.6 2.7 5.4 3.1	1.7 1.2 2.7 2.9 1.2	1.7 -0.2 2.8 2.6 4.0	2.8 0.5 3.3 3.8 0.4	2.0 0.4 2.2 2.7 -0.3	1.8 0.0 2.5 2.6 2.1	1.0 0.5 2.1 -1.1 1.7
Food services and accommodations	20	4.0	2.4	0.5	1.8	0.2	2.8	1.9
insuranceOther servicesFinal consumption expenditures of	21 22	3.0 4.1	-0.4 2.3	1.7 3.2	7.5 4.0	7.3 2.6	1.3 3.3	-0.6 1.1
nonprofit institutions serving households (NPISHs)	23 24 25 26 27 28	0.7 0.7 0.8 1.4 4.7 -0.2	-3.1 -2.0 -1.7 -1.2 -2.6 -0.5	0.9 - 6.0 -4.8 -5.1 -10.5 -2.4	-0.1 - 0.7 -1.0 -2.4 -2.1 -2.5	-2.8 - 2.0 -1.4 -1.9 0.9 -3.1	1.8 - 0.7 -0.7 0.0 2.0 -0.8	3.3 0.3 0.0 0.1 2.5 -0.8
Information processing equipment and software Computers and peripheral equipment	29	-3.4 -10.1	-3.7 -8.4	-2.3 -6.1	-1.7 -6.0	-1.6 -2.7	-1.5 -4.1	-2.1 -3.4
Software 1 Software 1	31 32 33 34 35 36 37 38 39	0.2 -4.8 4.8 0.5 3.4 -1.2	-1.5 -4.5 1.2 6.9 4.2 -3.4	-3.2 0.7 0.7 -6.9 -3.5 -3.3	0.9 -3.1 1.3 -17.6 -0.6 4.3	-1.1 -1.9 0.9 -16.0 -4.3 0.6	-0.6 -1.5 1.9 -2.2 0.4 -3.2	-1.2 -2.7 1.0 -0.7 2.3 -0.4
expenditures and gross investment. Federal. National defense. Consumption expenditures. Gross investment. Nondefense Consumption expenditures. Gross investment. State and local. Consumption expenditures. Gross investment.	40 41 42 43 44 45 46 47 48 49 50	4.7 3.1 3.6 3.8 2.2 2.4 0.6 5.6 5.8 5.0	-0.3 -0.2 -0.7 -0.8 -0.3 0.8 1.1 -0.7 -0.4 -1.0 2.1	0.4 -0.1 0.3 0.4 -0.4 -1.0 -0.6 -3.6 0.8 2.1 -4.6	1.5 1.5 1.6 1.7 1.1 1.5 1.6 0.8 1.5 2.2 -1.5	4.6 4.5 5.3 6.1 0.9 2.8 3.2 0.1 4.6 5.5 1.0	0.9 0.9 1.2 1.3 0.5 0.2 0.3 -0.3 0.9 0.7 1.5	0.4 0.4 0.5 0.6 -0.2 0.4 0.3 0.8 0.4 0.2
Addenda: Final sales of computers to domestic purchasers ²	51	-11.1	-10.3	-11.1	-5.9	-3.5	-5.0	-2.8
domestic purchasers Food ³ Energy goods and services	52 53 54	3.3 6.0 14.4	-0.1 1.2 -19.6	1.5 -2.5 39.7	2.1 0.0 20.2	2.2 1.3 15.2	0.1 1.3 –17.4	0.9 1.0 5.2
Gross domestic purchases excluding food and energy	55 56	2.6 2.2		0.4 0.7	1.5 -0.2	1.6 1.0	0.8 1.9	0.6 2.3
excluding final sales of computers	57 58 59	2.3 7.2 –21.1	1.0 0.3 13.9	0.9 -3.0 14.7	-0.2 -1.4 -50.3	1.0 0.5 -25.1	2.0 -0.5 74.0	2.4 1.9 99.7
Gross domestic product excluding food and energy Final sales of domestic product Final sales to domestic purchasers	60 61 62	2.3 2.2 3.2	1.0	0.6 0.8 1.5	1.5 0.3 2.0	1.7 1.0 2.2	1.0 1.9 0.1	0.8 2.3 0.8
Implicit price deflator for gross domestic purchases 4	63	3.2	-0.2	1.3	2.0	2.2	0.1	0.8

Excludes software "embedded," or bundled, in computers and other equipment.
 Some components of final sales of computers include computer parts.
 Food excludes personal consumption expenditures for purchased meals and beverages, which are classified in food services.

Excludes software "embedded," or bundled, in computers and other equipment.
 Some components of final sales of computers include computer parts.
 Food excludes personal consumption expenditures for purchased meals and beverages, which are classified in food services.
 The percent change for this series is calculated from the implicit price deflator in NIPA table 1.6.4.

Table 1.6.8. Contributions to Percent Change in the Gross Domestic Purchases Price Index

Percentage points at annual rates: Personal consumption expenditures Cools Coo					Sea	sonally ac	djusted at	annual ra	ates
Percent change at annual rate: Gross domestic purchases. 1 3.2 -0.2 1.4 2.1 2.1 0.1 0.0 Percentage points at annual rates: Personal consumption expenditures Goods. 3 0.73 -0.56 1.19 0.61 0.57 -0.83 0.2 Durable goods. 4 0.11 -0.12 -0.19 0.04 -0.15 -0.11 -0.15 Motor vehicles and parts. 5 -0.03 0.00 0.10 0.22 0.09 0.06 0.00 Furnishings and durable flowers and vehicles and parts. 6 -0.01 -0.01 -0.11 -0.09 -0.06 -0.07 -0.00 Porticolation goods and reversible goods. 8 0.03 0.01 0.00 0.05 -0.04 0.01 0.00 Cher durable goods. 9 0.84 -0.44 1.38 0.56 0.72 -0.72 0.03 Food and beverages purchased for off-premises consumption of clothing and obtwear against and other energy goods. 11 -0.02 0.02 0.08 -0.04 -0.03 -0.09 0.00 Clothing and tobewear against and other energy goods. 3 0.12 0.23 0.14 0.07 0.12 0.00 0.00 Services. 11 -0.02 0.02 0.08 -0.04 -0.03 -0.09 0.00 Services. 14 1.48 0.68 0.73 1.21 0.85 0.80 0.45 Household consumption expenditures. 15 1.47 0.74 0.72 1.29 0.90 0.77 0.12 0.00 0.00 Recreation services and accommodations. 16 0.43 0.15 -0.03 0.06 0.05 0.05 0.05 0.00 Financial services and accommodations. 20 0.16 0.10 0.00 0.00 0.00 0.05 0.00 0.05 0.00 Financial services and insurance. 21 0.17 0.02 0.08 0.09 0.09 0.00 0.05 0.00 0.00 Financial services and insurance. 22 0.16 0.10 0.00 0.00 0.07 0.05 0.05 0.05 0.05 0.0		Line	2008	2009	20	09		2010	
Percentage points at annual rates: 1					Ш	IV	1	II	III
Percentage points at annual rates: Personal consumption expenditures 2	•								
Personal consumption expenditures 2	•	1	3.2	-0.2	1.4	2.1	2.1	0.1	0.8
Goods		2	2 21	0.12	1 02	1 82	1 /3	_0.03	0.70
Motor Vehicles and parts 5 -0.03 0.00 0.10 0.22 0.09 0.06 0.07 -0.									0.70
Furnishings and durable 6									-0.16
household equipment. 6 -0.01 -0.01 -0.11 -0.09 -0.06 -0.07 -0.01 -0.01 -0.11 -0.13 -0.11 -0.12 -0.22 -0.72		5	-0.03	0.00	0.10	0.22	0.09	0.06	0.05
vehicles		6	-0.01	-0.01	-0.11	-0.09	-0.06	-0.07	-0.09
Other durable goods		,	0.11	0.12	0.10	0.14	0.12	0.11	0.12
Food and beverages purchased for off-premises consumption 10 0.30 0.07 -0.13 -0.01 0.10 0.08 0.00 Clothing and toolwear 11 -0.02 0.02 0.08 -0.04 -0.03 -0.09 0.00	Other durable goods								0.01
for off-premises consumption 10		9	0.84	-0.44	1.38	0.56	0.72	-0.72	0.37
Clothing and footwear		10	0.30	0.07	-0.13	-0.01	0.10	0.08	0.01
12	Clothing and footwear								0.08
Offier nondurable goods. 3		12	0.43	_0.76	1 20	0.54	0.53	- 0.71	0.21
Services					0.14				0.06
expenditures	Services	14	1.48	0.68		1.21	0.85		0.49
Housing and utilities		15	1.47	0.74	0.72	1.22	0.90	0.77	0.43
Transportation services	Housing and utilities	16	0.43	0.15	-0.03	0.06	0.05	0.00	0.06
Recreation services									
Computers and peripheral equipment and software Computers and peripheral equipment Software	Recreation services								0.04
Financial services and insurance		20	0.16	0.10	0.02	0.07	0.01	0.11	0.00
Other services Contemptor expenditures of nonprofit institutions serving households (NPISHs) Consequent Contemptor Consequent		20	0.16	0.10	0.02	0.07	0.01	0.11	0.06
Final consumption expenditures of nonprofit institutions serving households (NPISHs)									-0.03
nonprofit institutions serving households (NPISHs)		22	0.25	0.14	0.19	0.25	0.16	0.20	0.07
Gross private domestic investment 24 0.11 -0.24 -0.61 -0.05 -0.22 -0.09 0.06	nonprofit institutions serving								
Fixed investment.			l l					Į.	0.06
Norresidential									
Equipment and software. 28 -0.02 -0.03 -0.16 -0.16 -0.20 -0.05 -0.05		26		-0.12	-0.52				0.01
Information processing									0.06
equipment and software 29 -0.13 -0.14 -0.08 -0.06 -0.06 -0.06 -0.06 -0.06 equipment 30 -0.06 -0.05 -0.03 -0.04 -0.02 -0.03 -0.06 O.07 O.07 O.07 O.07 O.08 O.07 O.08 O		20	-0.02	-0.03	-0.16	-0.10	-0.20	-0.05	-0.05
equipment	equipment and software	29	-0.13	-0.14	-0.08	-0.06	-0.06	-0.06	-0.08
Software 1		30	-0.06	-0.05	-0.03	-0.04	-0.02	-0.03	-0.02
Industrial equipment	Software 1	31	0.00	-0.03	-0.06	0.02	-0.02	-0.01	-0.02
Transportation equipment. 34 0.01 0.04 -0.05 -0.11 -0.10 -0.02 -0.00 Other equipment 35 0.04 0.05 -0.04 -0.01 -0.05 0.00 0.00 Residential 36 -0.04 -0.10 -0.08 0.10 0.01 -0.08 -0.01 Change in private inventories 37 0.00 -0.01 0.00 0.00 -0.01 -0.08 -0.01 Farm 38 0.00 -0.01 0.00 0.00 -0.01 -0.02 0.00 Nonfarm 39 -0.01 -0.02 -0.01 0.07 -0.06 -0.01 0.00 Residential 37 0.00 -0.01 0.00 0.00 -0.01 -0.02 0.00 Nonfarm 39 -0.01 -0.02 -0.01 0.07 -0.05 0.01 0.00 Government consumption expenditures and gross investment 40 0.86 -0.06 0.08 0.30 0.89 0.17 0.00 Federal 41 0.21 -0.02 0.00 0.13 0.35 0.07 0.00 National defense 42 0.17 -0.03 0.02 0.09 0.28 0.06 0.00 Consumption expenditures 43 0.15 -0.03 0.02 0.09 0.28 0.06 0.00 Gross investment 44 0.01 0.00 0.00 0.01 0.01 0.00 0.00 Consumption expenditures 46 0.05 0.02 -0.02 0.04 0.07 0.01 0.00 Gross investment 48 0.65 -0.05 0.08 0.18 0.54 0.10 0.00 State and local 48 0.65 -0.05 0.08 0.18 0.54 0.10 0.00 Gross investment 50 0.11 0.05 -0.12 -0.04 0.02 0.03 0.04 Addenda: Final sales of computers to domestic purchasers 52 3.30 -0.08 1.50 2.13 2.13 0.11 0.8 Food 3 53 0.30 0.06 -0.13 0.00 0.07 0.07 0.05 Energy goods and services 54 0.55 -0.87 1.24 0.74 0.58 -0.73 0.15 Gross domestic purchases excluding final sales of computers to domestic purchasers 52 0.55 0.05 0.08 1.50 2.13 2.13 0.11 0.8 Food 3 54 0.55 0.55 -0.87 1.24 0.74 0.58 -0.73 0.15 Energy goods and services 54 0.55 0.55 0.08 0.08 0.00 0.00 0.00 Gross domestic purchases excluding final sales of computers to domestic purchases excluding final sales of computers to domest									
Residential	Transportation equipment	34	0.01	0.04	-0.05	-0.11	-0.10	-0.02	-0.01
Change in private inventories. 37 0.00 -0.02 -0.01 0.07 -0.06 -0.01 0.00									
Nordarm		37	0.00	-0.02	-0.01	0.07	-0.06	-0.01	0.04
Government consumption expenditures and gross 40 0.86 -0.06 0.08 0.30 0.89 0.17 0.05 0.05 0.07 0.05 0.07 0.05 0.07 0.05 0.07 0.05 0.07 0.05 0.05 0.07 0.05 0.									0.02
expenditures and gross		03	-0.01	-0.02	-0.01	0.07	-0.03	0.01	0.02
Federal	expenditures and gross		1			1		[
National defense	Federal								0.09
Gross investment. 44 0.01 0.00 0.01 0.01 0.00 0.00 Nondefense. 45 0.05 0.02 -0.02 -0.04 0.07 0.01 0.00 Consumption expenditures. 46 0.05 0.02 -0.01 0.00	National defense	42	0.17	-0.03	0.02	0.09	0.28	0.06	0.02
Nondefense									0.03
Gross investment. 47 0.00 0.00 -0.01 0.00	Nondefense						0.07		0.01
State and local									0.01
Gross investment	State and local	48	0.65	-0.05		0.18	0.54		0.05
Addenda: Final sales of computers to domestic purchasers 2									0.01
Final sales of computers to domestic purchasers 2		50	U.11	0.05	-U.12	-U.U4	0.02	0.03	0.04
purchasers 2	Final sales of computers to domestic	.					Į		
final sales of computers to domestic purchasers 52 3.30 -0.08 1.50 2.13 2.13 0.11 0.86 Food 3 53 0.30 0.06 -0.13 0.00 0.07 0.07 0.05 Energy goods and services 54 0.55 -0.87 1.24 0.74 0.58 -0.73 0.15 Gross domestic purchases excluding	purchasers 2	51	-0.12	-0.10	-0.11	-0.06	-0.04	-0.05	-0.03
domestic purchasers						Ì			
Energy goods and services	domestic purchasers								0.86
Gross domestic purchases excluding	Foeray goods and services								0.05 0.19
	Gross domestic purchases excluding								
food and energy	food and energy	55	2.33	0.63	0.28	1.32	1.45	0.72	0.58

Table 1.7.1. Percent Change from Preceding Period in Real Gross Domestic Product, Real Gross National Product, and Real Net National Product

[Percent]

				Sea	asonally a	djusted at	annual rat	es	
	Line	2008	2009	20	09		2010		
	1 0.0 2 -6.6 3 -13.9 4 0.3 5 3.2 6 3.2 7 3.3 8 3.5 9 2.4 10 -0.1 11 -0.8 12 -0.5 13 -0.5 14 -1.4 15 -1.7	Ì	188	IV	1	ll l	111		
Gross domestic product	1	0.0	-2.6	1.6	5.0	3.7	1.7	2.5	
rest of the world Less: Income payments to the rest	2	-6.6	-24.9	9.1	23.7	16.7	1.3	4.9	
of the world	3	-13.9	-27.2	-18.0	35.5	0.8	-1.4	12.0	
Equals: Gross national product Less: Consumption of fixed capital			-2.8 1.8	2.6 0.5	4.9 0.7	4.4 1.3	1.8 1.9	2.3 2.4	
Private			1.5	0.0	0.3	1.1	1.6	2.2	
Government	7		3.3	3.0	2.8	2.6	3.0	3.3	
General government Government	8		3.5	3.1	2.9	2.7	3.2	3.6	
enterprises	9	2.4	2.2	2.1	2.0	1.8	2.2	2.2	
Equals: Net national product	10	-0.1	-3.4	3.0	5.5	4.9	1.8	2.3	
Addenda:									
Gross domestic income 1	11	-0.8	-2.9	0.0	6.7	4.1	2.7	1.6	
Gross national income 2			-3.1	1.0	6.6	4.8	2.8	1.4	
Net domestic product			-3.3	1.8	5.7	4.1	1.7	2.5	
Net domestic income 3			-3.6	-0.1	7.7	4.5	2.8	1.5	
Net domestic purchases Gross national product, current	15	-1.7	-4.4	3.3	3.4	4.3	5.6	4.4	
dollars	16	2.5	-1.9	3.4	4.6	5.5	3.8	4.6	

Gross domestic income deflated by the implicit price deflator for gross domestic product.
 Gross national income deflated by the implicit price deflator for gross national product.
 Net domestic income deflated by the implicit price deflator for net domestic product.

Table 1.7.3. Real Gross Domestic Product, Real Gross National Product, and Real Net National Product, Quantity Indexes

[Index numbers, 2005=100]

				<u> </u> 	Seas	onally adj	usted	
	Line	2008	2009	20	009	2010		
		104.672 133.660 3 127.412 105.129 1111.232 111.580 109.454 110.010 106.695 104.288		III	IV		II	Ш
Gross domestic product	1	104.672	101.917	101.760	103.012	103.960	104.403	105.056
rest of the world Less: Income payments to the rest	2	133.660	100.427	99.948	105.396	109.555	109.907	111.242
of the world	3	127.412	92.797	88.238	95.203	95.393	95.051	97.792
Equals: Gross national product	4	105.129	102.192	102.185	103.413	104.534	105.003	105.609
Less: Consumption of fixed capital	5	111.232	113.198	113.268	113.468	113.846	114.374	115.051
Private	6	111.580	113.211	113.203	113.281	113.583	114.042	114.660
Government	7	109.454	113.019	113.459	114.235	114.964	115.816	116.770
General government Government	8	110.010	113.823	114.291	115.117	115. 8 93	116.797	117.823
enterprises	9	106.695	109.045	109.343	109.873	110.371	110.961	111.561
Equals: Net national product	10	104.288	100.691	100.675	102.038	103.257	103.718	104.314
Addenda:			!	1				ĺ
Net domestic product	11	103.761	100.363	100.177	101.570	102.593	103.025	103.675
Net domestic purchases	12	101.656	97.224	97.268	98.073	99.114	100.478	101.575

Table 1.7.4. Price Indexes for Gross Domestic Product, **Gross National Product, and Net National Product**

					Seas	onally adj	usted			
	Line	2008	2009	20	109		2010			
		108.598 109.567 109.617 108.605 107.857 106.707 113.878 113.555 115.526 108.715		III	IV	ı	II	III		
Gross domestic product	1	108.598	109.618	109.759	109.693	109.959	110.485	111.111		
Plus: Income receipts from the rest of the world	2	109.567	109.446	109.555	110.071	110.527	110.547	110.770		
Less: income payments to the rest of the world	3	109.617	109.505	109.582	110.173	110.709	110.712	110.913		
Equals: Gross national product	4	108.605	109.612	109.753	109.691	109.957	110.478	111.099		
Less: Consumption of fixed capital			106.665	105.863	105.901	105.561	105.524	105.563		
Private	6		105.097	104.236	104.322	103.862	103.756	103.750		
Government	7		114.865	114.365	114.152	114.424		115.006		
General government Government	8	113.555	114.617	114.170	114.026	114.297	114.570	114.731		
enterprises	9	115.526	116.128	115.348	114,777	115.052	115.598	116.408		
Equals: Net national product	10	108.715	110.053	110.340	110.261	110.619	111.225	111.935		
Addenda:										
Net domestic product	11		110.065	110.353	110.270	110.630	111.244	111.960		
Net domestic purchases	12	110.087	110.034	110.257	110.898	111.608	111.630	111.887		

Excludes software "embedded," or bundled, in computers and other equipment.
 Some components of final sales of computers include computer parts.
 Food excludes personal consumption expenditures for purchased meals and beverages, which are classified in food services.

Table 1.7.5. Relation of Gross Domestic Product, Gross National Product, Net National Product, National Income, and Personal Income

[Billions of dollars]

				Se	asonally a	diusted at	annual ra	tes.
	ļ.,	2222	2000			Justed at		
	Line	2008	2009	20		L	2010	
				III	IV	<u> </u>	l II	III
Gross domestic product	1	14,369.1	14,119.0	14,114.7	14,277.3	14,446.4	14,578.7	14,750.2
rest of the world Less: Income payments to the	2	839.2	629.8	627.4	664.7	693.7	696.1	706.0
rest of the world	3	664.7	483.6	460.1	499.1	502.6	500.8	516.1
Equals: Gross national product Less: Consumption of fixed	4	14,543.6		14,281.9			14,774.0	ļ ·
capital Private	5 6	1,849.2 1,536.9	1,861.1 1,535.8	1,848.3 1,523.1	1,852.2 1,525.5	1,852.4 1,522.8	1,860.4 1,527.4	1,872.1 1,535.6
Domestic business Capital consumption	7	1,244.5	1,245.2	1,234.3	1,234.7	1,231.1	1,236.9	1,243.2
allowances Less: Capital	8	1,358.1	1,297.2	1,295.0	1,295.8	1,145.5	1,151.4	1,159.5
consumption adjustment Households and	9	113.6	52.0	60.7	61.1	-85.6	-85.4	-83.7
institutions	10	292.4	290.6	288.8	290.8	291.7	290.5	292.3
Government General government Government	11 12	312.3 260.7	325.3 272.3	325.1 272.3	326.8 274.0	329.6 276.5	333.0 279.3	336.5 282.1
enterprises	13	51.6	53.0	52.8	52.8	53.2	53.7	54.4
Equals: Net national product	14	12,694.4	12,404.2	12,433.6	12,590.6	12,785.2	12,913.7	13,068.0
Less: Statistical discrepancy	15	136.6	179.1	228.9	175.2	164.2	131.1	165.4
Equals: National income Less: Corporate profits with	16	12,557.8	12,225.0	12,204.8	12,415.5	12,621.0	12,782.6	12,902.6
inventory valuation and capital consumption adjustments Taxes on production and	17	1,262.8	1,258.0	1,297.5	1,418.2	1,566.6	1,614.1	1,658.5
imports less subsidies Contributions for	18	992.3	964.4	959.2	976.8	988.5	996.1	1,002.1
government social insurance, domestic Net interest and	19	987.2	970.3	970.6	974.8	987.8	1,001.9	1,009.7
miscellaneous payments on assets Business current transfer	20	812.8	784.3	750.7	765.6	765.9	736.2	728.4
payments (net) Current surplus of	21	121.7	134.0	124.9	129.8	130.5	130.8	133.1
government enterprises	22	-16.7	-13.2	-11.7	-11.3	-12.1	-13.1	-14.1
Wage accruals less disbursements Plus: Personal income receipts on	23	-5.0	5.0	0.0	0.0	0.0	0.0	0.0
assets	24	2,109.3	1,919.7	1,891.1	1,889.2	1,911.1	1,914.4	1,899.4
receipts	25	1,879.2	2,132.8	2,159.3	2,188.2	2,245.5	2,286.1	2,316.0
Equals: Personal income	26	12,391.1	12,174.9	12,164.0	12,239.0	12,350.3	12,517.1	12,600.4
Addenda: Gross domestic income	27	14,232.5	13,939.9	13,885.8	14 102 1	14 202 2	: 14,447.6	14 504 0
Gross national income	28	14,232.5	14,086.2	14,053.1	14,102.1 14,267.7		14,447.6	
Gross national factor income 1	29	13,309.7	13,001.0	12,980.7	13,172.3	13,366.4	13,529.2	13,653.6
Net domestic product	30	12,519.9	12,257.9	12,266.4	12,425.1	12,594.0		12,878.1
Net domestic income	31	12,383.3	12,078.8	12,037.6	12,249.9	12,429.8		12,712.7
Net national factor income 2 Net domestic purchases	32 33	11,460.4 13,230.3	11,139.9 12,644.3	11,132.5 12,674.7	11,320.1 12,851.5	11,514.0 13,073.8	11,668.8 13,257.6	11,781.6 13,430.3

Consists of compensation of employees, proprietors' income with inventory valuation adjustment (IVA) and capital
consumption adjustment (CCAdj), rental income of persons with CCAdj, corporate profits with IVA and CCAdj, net interest
and miscellaneous payments, and consumption of fixed capital.
 Consists of gross national factor income less consumption of fixed capital.

Table 1.7.6. Relation of Real Gross Domestic Product, Real Gross National Product, and Real Net National Product, Chained Dollars

[Billions of chained (2005) dollars]

				Se	asonally a	ıdjusted at	annua! ra	tes	
	2 3 4 5 6 7 8	2008	2009	20	109	2010			
		13,228.8 1 765.9 606.3 13,388.7 1 1,714.5		111	IV	1	ti	Ш	
Gross domestic product	1	13,228.8	12,880.6	12,860.8	13,019.0	13,138.8	13,194.9	13,277.4	
rest of the world Less: Income payments to the	2	765.9	575.5	572.7	604.0	627.8	629.8	637.5	
rest of the world	3	606.3	441.6	419.9	453.1	454.0	452.3	465.4	
Equals: Gross national product Less: Consumption of fixed	4	13,388.7	13,014.7	13,013.8	13,170.1	13,313.0	13,372.7	13,449.8	
capital	5			1,745.9	1,749.0	1,754.8	1,762.9	1,773.4	
Private					1,462.2	1,466.1	1,472.1	1,480.0	
Government									
General government Government				238.5	240.2		:		
enterprises	9	44.7	45.7	45.8	46.0	46.2	46.5	46.7	
Equals: Net national product	10	11,674.1	11,271.5	11,269.7	11,422.3	11,558.8	11,610.4	11,677.1	
Addenda:									
Gross domestic income 1	11	13.103.1	12,717,1	12.652.3	12.859.3	12.989.5	13.076.2	13.128.6	
Gross national income 2									
Net domestic product	13	11,514.3	11,137.3	11,116.7	11,271.2	11,384.8	11,432.7	11,504.8	
Net domestic income 3									
Net domestic purchases									

Table 1.8.3. Command-Basis Real Gross Domestic Product and Gross National Product, Quantity Indexes

					Seas	onally adj	usted	
	Line	2008	2009	20	109		2010	
				III	IV	ı	11	Ш
Gross domestic product Less: Exports of goods and	1	104.672	101.917	101.760	103.012	103.960	104.403	105.056
services	2	126.255	114.228	114.174		123.858		128.541
services	3	106.113	91.418	92.752	93.874	96.401	103.613	107.715
Equals: Gross domestic purchases	4	102.756	99.045	99.092	99.829	100.797	102.070	103.122
services, command basis 1 Less: Imports of goods and	5	128.625	110.334	110.525	117.450	121.536	125.674	127.423
services, command basis 1	6	114.686	88.393	89.503	94.678	99.586	104.892	106.540
Equals: Command-basis gross domestic product 1,2	7	103.534	101.917	101.810	102.457	103.134	104.065	105.073
Plus: Income receipts from the rest of the world, command basis ¹ Less: Income payments to the rest	8	133.361	100.273	99.851	105.247	109.285	109.642	110.969
of the world, command basis 1	9	127.184	92.704	88.213	95.200	95.359	95.007	97.722
Equals: Command-basis gross national product 1,3	10	103.992	102.188	102.229	102.854	103.701	104.654	105.612
Addenda:								
Command-basis net domestic product ⁴ Net domestic product	11 12	102.484 103.761	100.389 100.363	100.260 100.177	100.970 101.570	101.691 102.593	102.675	103.726 103.675
Command-basis net national product 4	13		100.705	100.744	101.426	102.338	103.346	104.341
Net national product	14	104.288	100.691	100.675		103.257		104.314
Percent change from preceding period:	!							
Real gross domestic product Command-basis gross	15	0.0	-2.6	1.6	5.0	3.7	1.7	2.5
domestic product Real gross national product	16 17	-1.0 0.3	-1.6 -2.8	0.9 2.6	2.6 4.9	2.7 4.4	3.7 1.8	3.9 2.3
Command-basis gross					ı			3.7
national product	18	-0.6	-1.7	2.0	2.5	3.3	3.7	3

^{1.} Gross domestic income deflated by the implicit price deflator for gross national product.
2. Gross national income deflated by the implicit price deflator for gross national product.
3. Net domestic income deflated by the implicit price deflator for net domestic product.

Nors. Except as noted in footnotes 1, 2 and 3, chained (2005) dollar series are calculated as the product of the chain-type quantity index and the 2005 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.

Deflator is the gross domestic purchases price index.
 This measure is called "real gross domestic income" in the System of National Accounts, 2008.
 This measure is called "real gross national income" in the System of National Accounts, 2008.
 Deflator is the net domestic purchases price index.

Table 1.8.6. Command-Basis Real Gross Domestic Product and Gross National Product, Chained Dollars

[Billions of chained (2005) dollars]

					Seasonally a	adjusted at a	nnual rates	
	Line	2008	2009	200	9		2010	
	1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 10 10 11 12 12 13 14 15 15 16 16			III	IV	I	H	ш
Gross domestic product Less: Exports of goods and services Plus: Imports of goods and services.	1 2 3	13,228.8 1,647.7 2,151.7	12,880.6 1,490.7 1,853.8	12,860.8 1,490.0 1,880.8	13,019.0 1,573.5 1,903.6	13,138.8 1,616.4 1,954.8	13,194.9 1,652.1 2,101.1	13,277.4 1,677.5 2,184.2
Equals: Gross domestic purchases	4 5 6	13,729.4 1,678.6 2,325.6	13,233.6 1,439.9 1,792.4	13,239.8 1,442.2 1,814.4	13,338.2 1,532.6 1,919.3	13,467.6 1,585.9 2,018.8	13,637.7 1,639.9 2,126.4	13,778.2 1,662.7 2,159.8
Equals: Command-basis gross domestic product 12. Plus: Income receipts from the rest of the world, command basis 1. Less: Income payments to the rest of the world, command basis 1.	7 8	13,085.0 764.2 605.3	12,880.7 574.6 441.2	12,866.4 571.9 419.4	12,948.2 602.8 452.7	13,033.8 625.9 453.4	13,151.4 628.0 451.7	13,278.8 635.6 464.6
Equals: Command-basis gross national product 1,3		13,244.0	13,014.1	13,018.8	13,098.3	13,206.3	13,327.7	13,449.7
Addenda:			-			·		•
Command-basis net domestic product 4 Net domestic product Command-basis net national product 4 Net national product Trading gains index 5 Terms of trade index 6 Terms of trade index 6	13 14 15	11,372.7 11,514.3 11,531.2 11,674.1 98.893 94.262 93.618	11,140.2 11,137.3 11,273.1 11,271.5 100.004 99.896 99.518	11,125.3 11,116.7 11,277.0 11,269.7 100.052 100.314 100.203	11,204.1 11,271.2 11,353.4 11,422.3 99.481 96.585 95.863	11,284.1 11,384.8 11,455.4 11,558.8 99.207 94.985 93.945	11,393.3 11,432.7 11,568.3 11,610.4 99.669 98.064 97.593	11,510.0 11,504.8 11,679.6 11,677.1 100.027 100.223 100.079
Terms of trade, nonpetroleum goods 8	18	103.470	100.892	101.876	101.816	101.993	103.064	103.409

1. Uses gross domestic purchases price Index as deflator.
2. This measure is called "real gross domestic income" in the System of National Accounts, 2008.
3. This measure is called "real gross national income" in the System of National Accounts, 2008.
4. Uses net domestic purchases price index as deflator.
5. Ratio (multiplied by 100) of the price index for gross domestic product to the price index for gross domestic purchases.
6. Ratio (multiplied by 100) of the price index for exports of goods and services to the price index for imports of goods and services.
7. Ratio (multiplied by 100) of the price index for goods exports to the price index for goods imports.
8. Ratio (multiplied by 100) of the price index for goods exports to the price index for nonpetroleum goods imports.

Table 1.10. Gross Domestic Income by Type of Income

					Seasonally	adjusted at a	nnual rates	
	Line	2008	2009	20	09		2010	
				i II	IV	ı	II	111
Gross domestic income	1	14,232.5	13,939.9	13,885.8	14,102.1	14,282.2	14,447.6	14,584.8
Compensation of employees, paid Wage and salary accruals. Disbursements. To persons To the rest of the world. Wage accruals less disbursements.	3 4 5 6 7	8,068.1 6,561.4 6,566.4 6,556.0 10.4 -5.0	7,819.5 6,286.9 6,281.9 6,271.2 10.8 5.0	7,806.4 6,271.6 6,271.6 6,261.0 10.7 0.0	7,839.2 6,292.8 6,292.8 6,281.9 10.8 0.0	7,866.3 6,299.6 6,299.6 6,288.4 11.2 0.0	7,978.3 6,397.2 6,397.2 6,385.7 11.5 0.0	8,040.8 6,448.6 6,448.6 6,437.0 11.6 0.0
Supplements to wages and salaries	8	1,506.8 1 .045.1	1,532.6 1 .024.7	1,534.8 1.028.2	1,546.5 1 .035.2	1,566.7 1.045.9	1,581.1	1,592.2
Less: Subsidies	10	52.8	60.3	69.1	58.4	57.4	1,054.6 58.5	1,060.6 58.5
Net operating surplus Private enterprises Net interest and miscellaneous payments, domestic industries. Business current transfer payments (net) Proprietors' income with inventory valuation and capital consumption adjustments Rental income of persons with capital consumption adjustment	11 12	3,322.8 3,339.5 1,042.3 121.7 1,102.0 222.0	3,294.9 3,308.1 982.5 134.0 1,011.9 274.0	3,271.9 3,283.7 940.0 124.9 1,006.4 279.1	3,433.9 3,445.1 954.8 129.8 1,022.1 282.8	3,575.0 3,587.1 955.0 130.5 1,030.7 292.7	3,612.9 3,626.0 923.9 130.8 1,049.7 298.8	3,669.9 3,684.0 913.9 133.1 1,057.6 304.7
Corporate profits with inventory valuation and capital consumption adjustments, domestic industries Taxes on corporate income Profits after tax with inventory valuation and capital consumption adjustments Net dividends	17	851.5 308.4 543.1 611.5	905.7 254.9 650.8 611.6	933.2 255.7 677.5 567.3	1,055.7 319.1 736.6 596.1	1,178.1 403.2 774.9 621.2	1,222.7 405.6 817.1 591.6	1,274.7 437.4 837.4 618.4
Undistributed corporate profits with inventory valuation and capital consumption adjustments. Current surplus of government enterprises	21 22	-68.4 -16.7	39.2 -13.2	110.2 -11.7	140.5 -11.3	153.6 -12.1	225.6 -13.1	218.9 -14.1
Consumption of fixed capital Private Government	23 24 25	1,849.2 1,536.9 312.3	1,861.1 1,535.8 325.3	1,848.3 1,523.1 325.1	1,852.2 1,525.5 326.8	1, 852.4 1,522.8 329.6	1,860.4 1,527.4 333.0	1,872.1 1,535.6 336.5
Addendum: Statistical discrepancy	26	136.6	179.1	228.9	175.2	164.2	131.1	165.4

Table 1.12. National Income by Type of Income [Billions of dollars]

	į l		Į		Seasonally	adjusted at a	nnual rates	
	Line	2008	2009	200)9		2010	
				III	IV	ı	II	III
National income	1	12,557.8	12,225.0	12,204.8	12,415.5	12,621.0	12,782.6	12,902.6
Compensation of employees	2	8,060.8	7,811.7	7.798.7	7,831.4	7,858.1	7,969.9	8,032.
Wage and salary accruals	3	6,554.0	6,279.1	6,263.9	6,284.9	6,291.4	6,388.8	6,440.
Government		1,144.0	1,173.6	1,175.6	1,174.9	1,185.5	1,193.1	1,185.
Other		5,410.1	5,105.5	5,088.3	5,110.0	5,105.9	5,195.7	5,255.
Supplements to wages and salaries	6	1,506.8	1,532.6	1,534.8	1,546.5	1,566.7	1,581.1	1,592.
Employer contributions for employee pension and insurance funds		1,036.6 470.1	1,072.0 460.6	1,074.0 460.8	1,084.0 462.5	1,095.8 470.9	1,103.1 478.0	1,110. 481.
Employer contributions for government social insurance			. 1					
Proprietors' income with IVA and CCAdj		1,102.0	1,011.9	1,006.4	1, 022. 1 36.2	1,030.7	1,049.7	1,057.
Farm		50.8 1,051.2	30.5 981.5	28.0 978.4	985.9	36.8 994.0	38.9 1,010.8	47. 1,010.
Nonfarm				I	- 1		· · ·	
Rental income of persons with CCAdj		222.0	274.0	279.1	282.8	292.7	298.8	304.
Corporate profits with IVA and CCAdj		1,262.8	1,258.0	1,297.5	1,418.2	1,566.6	1,614.1	1,658.
Taxes on corporate income		308.4	254.9	255.7	319.1	403.2	405.6	437.
Profits after tax with IVA and CCAdj		954.4	1,003.1	1,041.8	1,099.2	1,163.3	1,208.5	1,221.
Net dividends	16	797.7 156.7	718.9 284.2	699.6 342.2	708.5 390.6	720.3 443.0	728.4 480.1	736. 484.
				I				
Net Interest and miscellaneous payments		812.8	784.3	750.7	765.6	765.9	736.2	728.
Taxes on production and imports		1,045.1	1,024.7	1,028.2	1,035.2	1,045.9	1,054.6	1,060.
Less: Subsidies	20	52.8	60.3	69.1	58.4	57.4	58.5	58.
Business current transfer payments (net)	21	121.7	134.0	124.9	129.8	130.5	130.8	133.
To persons (net)		36.7	36.0	35.8	35.8	36.6	37.0	37.
To government (net)		81.7	98.5	90.0	93.6	93.0	93.8	96.
To the rest of the world (net)	24	3.3	-0.6	-0.9	0.4	0.9	0.0	-0.
Current surplus of government enterprises	25	-16.7	-13.2	-11.7	-11.3	-12.1	-13.1	-14.
Addenda for corporate cash flow:	1!	!						
Net cash flow with IVA		1,239.4	1,427.9	1,405.6	1,484.0	1,517.3	1,578.4	1,520.
Undistributed profits with IVA and CCAdj		156.7	284.2	342.2	390.6	443.0 1.008.0	480.1	484. 1.019.
Consumption of fixed capital		1,018.5 -64.1	1,019.8 -123.9	1,010.6 -52.8	1,010.8 -82.6	-66.3	1,013.7 -84.6	-16.
, , , ,		-04.1	-123.5	-52.0	702.0	-00.0	704.0	-10.
Addenda: Proprietors' income with IVA and CCAdj	30	1,102.0	1,011.9	1,006.4	1,022.1	1,030.7	1,049.7	1,057
Farm		50.8	30.5	28.0	36.2	36.8	38.9	47.
Proprietors' income with IVA		57.4	36.8	34.2	42.2	42.5	44.4	52.
Capital consumption adjustment		-6.5	~6.3	-6.2	-6.0	-5.7	-5.5	-5.
Nonfarm	34	1,051.2	981.5	978.4	985.9	994.0	1,010.8	1,010
Proprietors' income (without IVA and CCAdj)		893.5	837.2	837.3	852.5	895.2	903.5	909
Inventory valuation adjustment		-5.0	0.2	-3.5	-11.6	-6.1	2.0	-4.
Capital consumption adjustment	37	162.7	144.0	144.6	144.9	104.8	105.3	105
Rental income of persons with CCAdj		222.0	274.0	279.1	282.8	292.7	298.8	304
Rental income of persons (without CCAdj)	39	238.3	289.0	293.9	297.7	307.5	313.3	319
Capital consumption adjustment	40	-16.2 1.262.8	-15.11 1.258.0	-14.8 1,297.5	-14.9 1.418.2	-14.8 1.566.6	-14.5 1.614.1	-14. 1.658.
Corporate profits with IVA and CCAdj	41	1,289.1	1,328.6	1,360.5	1,410.2	1,736.5	1,784.7	1,827.
Profits before tax (without IVA and CCAdj)		1,333.2	1,326.7	1,369.2	1,548.4	1,772.9	1,788.2	1,864.
Taxes on corporate income	44	308.4	254.9	255.7	319.1	403.2	405.6	437.
Profits after tax (without IVA and CCAdj)		1,024.8	1,061.8	1,113.5	1,229.3	1,369.7	1,382.6	1,427
Net dividends	46	797.7	718.9	699.6	708.5	720.3	728.4	736.
Undistributed profits (without IVA and CCAdj)	47	227.2	342.9	413.9	520.8	649.4	654.2	690.
Inventory valuation adjustment	48	-44.1	11.9	-8.7	-67.2	-36.4	-3.5	-36.
Capital consumption adjustment	49	-26.3	-70.6	-63.0	-63.0	-169.9	-170.7	-169.

IVA Inventory valuation adjustment CCAdj Capital consumption adjustment

Table 1.14. Gross Value Added of Domestic Corporate Business in Current Dollars and Gross Value Added of Nonfinancial Domestic Corporate Business in Current and Chained Dollars

	i				Seasonally a	idjusted at an	nual rates	
	Line	2008	2009	200	9	2010		
				Ш	IV	ı	II .	111
Gross value added of corporate business 1	1	7,922.9	7,675.4	7,641.6	7,810.6	7,941.3	8,068.7	8,181.9
Consumption of fixed capital		1,018.5	1,019.8	1,010.6	1,010.8	1,008.0	1,013.7	1,019.3
Net value added	3	6,904.4	6.655.6	6.631.0	6.799.8	6.933.3	7.055.0	7.162.7
Compensation of employees	4	5.017.4	4.738.1	4.719.7	4.740.5	4,746.1	4.827.0	4.879.1
Wage and salary accruals		4.170.3	3,886.7	3,867.5	3,883.1	3,877.7	3,949.5	3.994.8
Supplements to wages and salaries		847.1	851.4	852.1	857.4	868.4	877.4	884.3
Taxes on production and imports less subsidies		661.7	637.5	632.0	646.0	652.9	657.2	661.2
Net operating surplus		1.225.2	1,280.1	1,279.3	1,413.3	1,534.2	1,570.8	1.622.3
Net interest and miscellaneous payments		279.0	279.8	260.5	268.7	264.3	256.4	254.4
		94.7	94.6	85.6	88.9	91.9		
Business current transfer payments (net)							91.6	93.2
Corporate profits with IVA and CCAdj		851.5	905.7	933.2	1,055.7	1,178.1	1,222.7	1,274.7
Taxes on corporate income	12	308.4	254.9	255.7	319.1	403.2	405.6	437.4
Profits after tax with IVA and CCAdj	13	543.1	650.8	677.5	736.6	774.9	817.1	837.4
Net dividends	14	611.5	611.6	567.3	596.1	621.2	591.6	618.4
Undistributed profits with IVA and CCAdj		-68.4	39.2	110.2	140.5	153.6	225.6	218.9
Gross value added of financial corporate business 1		932.4	1,050.2	1,083.2	1,142.8	1,136.9	1,145.7	1,183.4
Gross value added of nonfinancial corporate business 1	17	6,990.5	6,625.2	6,558.4	6,667.8	6,804.4	6,923.0	6,998.5
Consumption of fixed capital		878.8	879.0	871.0	870.7	868.2	872.9	877.6
Net value added		6.111.7	5.746.3	5,687.4	5,797.1	5,936.2	6,050.0	6,120.9
Compensation of employees		4,435.3	4,193.6	4,175.0	4.192.4	4,205.1	4,271.7	4,319.5
Wage and salary accruals		3.684.9	3.441.0	3,421.8	3,434.6	3.437.6	3,496.1	3.537.9
Supplements to wages and salaries		750.5	752.5	753.2	757.9	767.6	775.6	781.6
		615.3	590.2	584.5	598.3	604.8	609.0	
Taxes on production and imports less subsidies								613.3
Net operating surplus	24	1,061.1	962.5	927.9	1,006.4	1,126.3	1,169.3	1,188.0
Net interest and miscellaneous payments		271.3	220.1	205.5	205.3	208.3	202.3	201.0
Business current transfer payments (net)		66.2	79.1	75.2	77.8	77.5	78.3	79.8
Corporate profits with IVA and CCAdj		723.5	663.3	647.1	723.2	840.4	888.6	907.2
Taxes on corporate income		226.4	170.3	163.7	201.8	265.2	287.4	301.2
Profits after tax with IVA and CCAdj		497.1	492.9	483.5	521.4	575.3	601.1	606.0
Net dividends	30	482.8	511.4	469.8	497.3	515.5	499.1	533.0
Undistributed profits with IVA and CCAdj	31	14.4	-18.5	13.6	24.1	59.7	102.0	72.9
Addenda:	į l							
Corporate business:			- 1				i	
Profits before tax (without IVA and CCAdi)	32	921.9	964.4	1.005.0	1.185.8	1.384.4	1.396.9	1.480.7
Profits after tax (without IVA and CCAdj)."		613.6	709.5	749.3	866.8	981.2	991.3	1,043.4
Inventory valuation adjustment		-44.1	11.9	-8.7	-67.2	-36.4	-3.5	-36.7
Capital consumption adjustment		-26.3	-70.6	-63.0	-63.0	-169.9	~170.7	-169.3
Nonfinancial corporate business:					33.0			
Profits before tax (without IVA and CCAdj)		782.0	706.4	704.8	839.1	1,021.8	1,037.5	1.088.2
Profits after tax (without IVA and CCAdj)		555.6	536.1	541.1	637.3	756.6	750.1	787.0
Inventory valuation adjustment		-44.1	11.9	-8.7	-67.2	-36.4	-3.5	-36.7
Capital consumption adjustment		-44.1 -14.4	-55.1	-8.7 -48.9	-67.2 -48.7	-36.4 -144.9	-3.5 -145.4	-30.7 -144.4
Capital consumption adjustment		-14.4	-55.1	-40.9	48./	-144.9	-145.4	-144.4
	į		Value-ad	ded, in billions	of chained	(2005) dollars	•	
Gross value added of nonfinancial corporate business 2	40	6.686.4	6.284.3	6.210.3	6.401.0	6,567.6	6.639.4	6,636.7
Consumption of fixed capital 3	41	819.9	830.5	829.8	830.3	833.6	838.4	845.0
Net value added 4		5,866.5	5,453.8	5,380.5	5,570.7	5.734.0	5.800.9	5,791.7
Hot value avecu		5,000.5	3,433.0	3,000.0	3,370.7	3,704.0	5,000.5	3,731.7

^{1.} Estimates for financial corporate business and nonfinancial corporate business for 2000 and earlier periods are based on the 1987 Standard Industrial Classification (SIC); later estimates for these industries are based on the North American Industry Classification System (NAICS).

2. The current-dollar gross value added is deflated using the gross value added chain-type price index for nonfinancial industries from the GDP-by-industry accounts. For periods when this price index is not available, the chain-type price index for GDP goods and structures is used.

3. Chained-dollar consumption of fixed capital of nonfinancial corporate business is calculated as the product of the chain-type quantity index and the 2005 current-dollar value of the corresponding series, divided by 100.

4. Chained-dollar net value added of nonfinancial corporate business is the difference between the gross product and the consumption of fixed capital.

IVA Inventory valuation adjustment

CCAdj Capital consumption adjustment

Table 1.15. Price, Costs, and Profit Per Unit of Real Gross Value Added of Nonfinancial Domestic Corporate Business [Dollars]

	Line	Ţ	·-		Seas	onally adjust	0.640 0.643 0.6 0.268 0.265 0.2 0.132 0.131 0.1 0.104 0.104 0.1 0.032 0.030 0.0 0.128 0.134 0.1 0.040 0.043 0.0			
		2008	2009	200	9					
			-	III	IV	ī	II I	III		
Price per unit of real gross value added of nonfinancial corporate business 1	1	1.045	1.054	1.056	1.042	1.036	1.043	1.055		
Compensation of employees (unit labor cost)	2	0.663	0.667	0.672	0.655	0.640	0.643	0.651		
Unit nonlabor cost Consumption of fixed capital Taxes on production and imports less subsidies plus business current transfer payments (net) Net interest and miscellaneous payments	3 4 5 6	0.274 0.131 0.102 0.041	0.282 0.140 0.107 0.035	0.279 0.140 0.106 0.033	0.274 0.136 0.106 0.032	0.132 0.104	0.131 0.104	0.266 0.132 0.104 0.030		
Corporate profits with IVA and CCAdj (unit profits from current production). Taxes on corporate income	7 8 9	0.108 0.034 0.074	0.106 0.027 0.078	0.104 0.026 0.078	0.113 0.032 0.081			0.137 0.045 0.091		

^{1.} The implicit price deflator for gross value added of nonfinancial corporate business divided by 100. Estimates for nonfinancial corporate business for 2000 and earlier periods are based on the 1987 Standard Industrial Classification (SIC); later estimates for these industries are based on the North American Industry Classification System (NAICS).

Nore: The current-follar gross value added is deflated using the gross value added chain-type price index for nonfinancial industries from the GDP-by-industry accounts. For periods when this price index is not available, the chain-type price index for GDP goods and structures is used.

IVA Inventory valuation adjustment

CCAdj Capital consumption adjustment

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2. Personal Income and Outlays

December 2010

Table 2.1. Personal Income and Its Disposition

[Billions of dollars]

	i				Seasonally a	adjusted at a	nual rates	
	Line	2008	2009	200	9		2010	
				10	II	III		
Personal income	1	12,391.1	12,174.9	12,164.0	12,239.0	12,350.3	12,517.1	12,600.4
Compensation of employees, received	2	8,065.8	7,806.7	7,798.7	7,831.4	7,858.1	7,969.9	8,032.4
Wage and salary disbursements	3	6,559.0	6,274.1	6,263.9	6,284.9	6,291.4	6,388.8	6,440.2
Private industries	4	5,415.1	5,100.5	5,088.3			5,195.7	5,255.1
Government		1,144.0	1,173.6				1,193.1	1,185.1
Supplements to wages and salaries	6	1,506.8	1,532.6				1,581.1	1,592.2
Employer contributions for employee pension and insurance funds		1,036.6	1,072.0				1,103.1	1,110.3
Employer contributions for government social insurance		470.1	460.6				478.0	481.9
Proprietors' income with inventory valuation and capital consumption adjustments		1,102.0	1,011.9				1,049.7	1,057.6
Farm		50.8	30.5				38.9	47.4
Nonfarm		1,051.2	981.5				1,010.8	1,010.2
Rental income of persons with capital consumption adjustment	12	222.0	274.0				298.8	304.7
Personal income receipts on assets		2,109.3	1,919.7				1,914.4	1,899.4
Personal interest income		1,314.7	1,222.3				1,205.3	1,184.1
Personal dividend income		794.6	697.4				709.2	715.3
Personal current transfer receipts		1,879.2	2,132.8				2,286.1	2,316.0
Government social benefits to persons	17	1,842.6	2,096.8				2,249.1	2,278.8
Old-age, survivors, disability, and health insurance benefits	18	1,068.3	1,164.5				1,208.1	1,223.5
Government unemployment insurance benefits		50.7	128.6				136.8	135.7
Veterans benefits		45.6	52.3				60.4	63.3
Family assistance 1		19.3	20.1				19.4	19.9
Other	22	658.7	731.3				824.4	836.5
Other current transfer receipts, from business (net)		36.7 987.2	36.0 970.3				37.0 1,001.9	37.2 1,009.7
Less: Personal current taxes	25	1,438.2	1,140.0	,	,	, ,	1,149.1	1,178.6
Equals: Disposable personal income		10,952.9	11,034.9	11,047.0	11,121.7	11,215.6	11,368.0	11,421.8
Less: Personal outlays	27	10,505.0	10,379.6	10,423.6	10,505.7	10,603.9	10,663.7	10,755.5
Personal consumption expenditures	28	10,104.5	10,001.3	10,040.7	10,131.5	10,230.8	10,285.4	10,383.6
Personal interest payments 2	29	246.2	216.8	220.9	207.8	203.8	206.0	198.5
Personal current transfer payments		154.3	161.4	161.9	166.4		172.3	173.4
To government		89.7	95.0	9 5.6	97.0		100.1	101.8
To the rest of the world (net)	32	64.6	66.5	66.3	69.5	70.7	72.2	71.6
Equals: Personal saving		447.9	655.3	623.4	616.0	611.8	704.3	666.3
Personal saving as a percentage of disposable personal income	34	4.1	5.9	5.6	5.5	5.5	6.2	5.8
Addenda:	1 1							
Personal income excluding current transfer receipts, billions of chained (2005) dollars 3	35	9,638.5	9,191.1	9,128.7	9,109.7	9,111.7	9,226.6	9,251.0
Disposable personal income: Total, billions of chained (2005) dollars 3	36	10.042.9	10.099.8	10.079.7	10.080.4	10,113.3	10,251.9	10.274.2
	30	10,042.9	10,099.6	10,079.7	10,000.4	10,113.3	10,251.9	10,214.2
Per capita: Current dollars	37	35.931	35,888	35.888	36.049	36,282	36,704	36,792
		32,946	32,847	32,746	32,673	30,262	33,100	33.096
Chained (2005) dollars		304.831	307.483	307.815	308,521	309,120	309,724	310.438
Percent change from preceding period:	33	304,031	301,403	307,010	300,321	303,120	303,724	310,430
Disposable personal income, current dollars	40	5.1	0.7	-1.6	2.7	3.4	5.5	1.9
Disposable personal income, chained (2005) dollars	i I	1.7	0.6	-4.4	0.0	1.3	5.6	0.9
Proposition personal intentitie, charites (2000) dentale	71		0.0		V. 0	1.0	5.0	0.5

Consists of aid to families with dependent children and, beginning with 1996, assistance programs operating under the Personal Responsibility and Work Opportunity Reconciliation Act of 1996.
 Consists of nonmortgage interest paid by households.
 The current-dollar measure is deflated by the implicit price deflator for personal consumption expenditures.

Table 2.2B. Wage and Salary Disbursements by Industry

				Seasonally adjusted at annual rates						
	Line	2008	2009	20	09		2010			
	i			101	IV	ı	II	III		
Wage and salary disbursements	1	6,559.0	6,274.1	6,263.9	6,284.9	6,291.4	6,388.8	6,440.2		
Private industries Goods-producing industries Manufacturing Services-producing industries. Trade, transportation, and utilities Other services-producing industries 1	2 3 4 5 6 7	5,415.1 1,207.6 741.2 4,207.4 1,050.9 3,156.6	5,100.5 1,064.0 661.5 4,036.6 990.5 3,046.1	5,088.3 1,046.7 649.8 4,041.6 986.9 3,054.7	5,110.0 1,046.1 658.3 4,064.0 988.2 3,075.7	5,105.9 1,032.2 652.6 4,073.7 988.0 3,085.8	5,195.7 1,054.3 672.4 4,141.4 1,005.4 3,136.0	5,255.1 1,066.2 680.7 4,188.9 1,014.4 3,174.5		
Government	8	1,144.0	1,173.6	1,175.6	1,174.9	1,185.5	1,193.1	1,185.1		

^{1.} Other services-producing industries consists of 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; and other

services.

Nore. Estimates in this table are based on the 2002 North American Industry Classification System (NAICS).

Table 2.3.1. Percent Change From Preceding Period in Real Personal Consumption Expenditures by Major Type of Product [Percent]

					Seasonally	adjusted at a	innual rates	
	Line	2008	2009	200	09		2010	
				III	IV	ı	II	III
Personal consumption expenditures (PCE)	1	-0.3	-1.2	2.0	0.9	1.9	2.2	2.8
Goods	2	-2.5	-2.0	7.2	1.7	5.7	3.4	3.5
Durable goods		-5.2	-3.7	20.1	-1.1	8.8	6.8	7.4
Motor vehicles and parts		-13.8	-6.9	42.7	-21.3	-2.6	6.9	5.5
Furnishings and durable household equipment	5	-3.6	-6.4	7.0	9.4	13.9	9.0	5.5
Recreational goods and vehicles	6	3.3	1.4	17.1	15.8	12.9	9.3	11.7
Other durable goods	7 7	-3.7	-2.3	4.9	-0.8	18.8	-2.2	5.5
Nondurable goods	8	-1.1	-1.2	1.7	3.1	4.2	1.9	1.8
Food and beverages purchased for off-premises consumption	9	-0.8	-0.9	4.0	5.1	3.7	-2.9	2.8
Clothing and footwear	10	-0.6	-4.4	0.5	5.8	12.0	6.4	-1.5
Gasoline and other energy goods	11	-4.7	1.2	-1.9	-2.3	0.7	3.0	-2.7
Other nondurable goods		0.2	-1.1	1.4	2.4	3.3	4.5	4.1
Services		0.9	-0.8	-0.5	0.5	0.1	1.6	2.5
Household consumption expenditures (for services)		0.6	-0.7	-0.8 -0.8	0.3	0.0	1.5	2.5
Housing and utilities.		0.8	1.1	1.8	1.7	-0.5	1.1	3.3
Health care		2.8	2.2	-0.1	1.8	-0.3	3.1	2.8
Transportation services		-5.2	-8.1	-3.1	-1.0	3.5	4.1	3.9
Recreation services	18	-0.3	-2.4	-4.4	-1.0	-0.1	-0.3	3.8
Food services and accommodations		-0.7	-3.6	-1.4	0.6	6.9	2.5	2.6
Financial services and insurance		0.6	-3.6	-3.6	-3.7	-2.8	1.1	-2.3
Other services		-0.3	-1.2	-2.2	-1.2	-1.2	-0.8	3.0
Final consumption expenditures of popprofit institutions serving households (NPISHs) 1	22	9.0	-4.2	9.3	8.6	1.2	3.4	3.9
Gross output of nonprofit institutions 2	23	2.6	0.6	-0.3	1.6	-0.9	3.3	3.8
Less: Receipts from sales of goods and services by nonprofit institutions 3	24	0.5	2.3	-3.2	-0.5	-1.6	3.3	3.8
Addenda:		i						-10
PCE excluding food and energy 4	25	0.0	-1.4	1.7	0.4	2.0	2.6	2.5
Energy goods and services 5		-3.8	1.1	3.8	3.4	-2.6	3.4	7.8
Market-based PCE 8	27	-0.5	-1.0	2.4	1.2	2.2	2.5	2.6
Market-based PCE excluding food and energy 6	28	-0.0	-1.1	2.2	0.7	2.5	3.0	2.3

Table 2.3.2. Contributions to Percent Change in Real Personal **Consumption Expenditures by Major Type of Product**

		1			Seasonally a	djusted at an	nual rates		
	Line	2008	2009	2009		2010			
			-	411	IV	1	II	III	
Percent change at annual rate:									
Personal consumption expenditures (PCE)	1	-0.3	-1.2	2.0	0.9	1.9	2.2	2.8	
Percentage points at annual rates:					!				
Goods	2	-0.85	-0.65	2.28	0.57	1.82	1.13	1.15	
Durable goods		-0.60	-0.39	1.90	-0.11	0.88	0.69	0.75	
Motor vehicles and parts.		-0.55	-0.24	1.16	-0.79	-0.08	0.22	0.18	
Furnishings and durable household equipment	``	-0.10	-0.17	0.17	0.22	0.32	0.22	0.14	
Recreational goods and vehicles	. 6	0.11	0.05	0.50	0.47	0.39	0.29	0.36	
Other durable goods	. 6	-0.05	-0.03	0.07	-0.01	0.25	-0.03	0.08	
Nondurable goods		-0.25	-0.26	0.37	0.68	0.94	0.44	0.40	
Food and beverages purchased for off-premises consumption	9	-0.06	-0.07	0.30	0.38	0.29	-0.23	0.21	
Clothing and footwear	! 10	-0.02	-0.14	0.02	0.18	0.37	0.20	-0.05	
Gasoline and other energy goods	11	-0.19	0.04	-0.06	-0.07	0.02	0.10	-0.09	
Other nondurable goods	12	0.02	-0.09	0.11	0.19	0.26	0.36	0.33	
Services	13	0.59	-0.55	-0.30	0.36	0.05	1.07	1.66	
Household consumption expenditures (for services)	14	0.36	-0.43	-0.53	0.15	0.02	0.98	1.56	
Housing and utilities	15	0.14	0.20	0.34	0.31	-0.09	0.20	0.61	
Health care	16	0.42	0.33	-0.02	0.29	-0.06	0.49	0.45	
Transportation services		-0.16	-0.25	-0.09	-0.03	0.10	0.12	0.11	
Recreation services		-0.01	-0.09	-0.17	-0.04	0.00	-0.01	0.14	
Food services and accommodations		-0.04	-0.22	-0.09	0.03	0.40	0.15	0.16	
Financial services and insurance		0.05	-0.30	-0.30	-0.30	-0.22	0.10	-0.18	
Other services	21	-0.02	-0.11	-0.21	-0.11	-0.11	-0.07	0.27	
Final consumption expenditures of nonprofit institutions serving households (NPISHs) 1	22	0.23	-0.11	0.23	0.21	0.03	0.09	0.10	
Gross output of nonprofit institutions 2	23	0.26	0.06	-0.03	0.17	-0.09	0.35	0.40	
Less: Receipts from sales of goods and services by nonprofit institutions 3	24	0.03	0.17	-0.26	-0.04	-0.12	0.26	0.30	
Addenda:	1 1	ĺ	1	1	-	i			
PCE excluding food and energy 4	, 25	0.03	-1.19	1.48	0.36	1.73	2.24	2.19	
Energy goods and services 5	. 26	-0.23	0.06	0.19	0.18	-0.15	0.19	0.42	
Market-based PCE 6		-0.42	-0.85	2.10	1.06	1.96	2.14	2.31	
Market-based PCE excluding food and energy 6		-0.13	-0.84	1.61	0.49	1.83	2.18	1.68	

Net expenses of NPISHs, defined as their gross operating expenses less primary sales to households.
 Gross output is net of unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; excludes own-account investment (construction and software).
 Excludes unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; includes membership dues and fees.
 Food consists of food and beverages purchased for off-premises consumption; tood services, which include purchased meals and beverages, are not classified as food.
 Consists of gasoline and other energy goods and of electricity and gas services.
 Market-based PCE is a supplemental measure that is based on household expenditures for which there are observable price measures. It excludes most imputed transactions (for example, financial services furnished without payment) and the final consumption expenditures of nonprofit institutions serving households.

^{1.} Net expenses of NPISHs, defined as their gross operating expenses less primary sales to households.
2. Gross output is net of unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; excludes own-account investment (construction and software).
3. Excludes unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; includes membership dues and fees.
4. Food consists of food and beverages purchased for off-premises consumption, food services, which include purchased meals and beverages, are not classified as food.
5. Consists of gasoline and other energy goods and of electricity and gas services.
6. Market-based PCE is a supplemental measure that is based on household expenditures for which there are observable price measures. It excludes most imputed transactions (for example, financial services furnished without payment) and the final consumption expenditures of nonprofit institutions serving households.

Table 2.3.3. Real Personal Consumption Expenditures by Major Type of Product, Quantity Indexes

[Index numbers, 2005=100]

		1			Seas	sonally adjust	ted	
	Line	2008	2009	2009			2010	_
	;]			III	IV		II	III
Personal consumption expenditures (PCE)	1	105.057	103.797	103.885	104.126	104.608	105.178	105.911
Goods	. 2	103,462	101.416	102.092	102.533	103.952	104.837	105.748
Durable goods		102.798	99.011	101.159	100.870	103.025	104,735	106.614
Motor vehicles and parts		85.000	79.093	83.655	78.782	78.271	79.584	80.661
Furnishings and durable household equipment	5	102.827	96.222	96.075	98.254	101.506	103.725	105.121
Recreational goods and vehicles	5	129.771	131.643	132.793	137,749	141.981	145.157	149.212
Other durable goods		101.041	98.669	99.590	99.380	103.753	103.183	104.569
Nondurable goods	· 6	103.698	102.487	102.460	103.247	104.321	104.823	105.283
Food and beverages purchased for off-premises consumption	9	103.997	103.023	103.426	104.710	105.672	104.895	105.610
Clothing and footwear	10	108.304	103.570	102.980	104.432	107.436	109.113	108,704
Gasoline and other energy goods	11	92.523	93.660	93.527	92.996	93.155	93.854	93.204
Other nondurable goods		107.058	105.867	105.657	106.294	107.148	108.337	109.425
· · · · · · · · · · · · · · · · · · ·				- 1		- 1	I	
Services	. 13	105.870	105.006	104.797	104.936	104.952	105.366	106.012
Household consumption expenditures (for services)	. 14	105.155	104.448	104.257	104.315	104.320	104.713	105.340
Housing and utilities	. 15 !	103.524	104.682	104.835	105.275	105.147	105.437	106.308
Health care		107.148	109.457	109.547	110.028	109.932	110.766	111.532
Transportation services	. 17	95.511	87.758	87.192	86.966	87.710	88.602	89.455
Recreation services	. 18	107.116	104.597	103.883	103.610	103.584	103.498	104.460
Food services and accommodations	. 19	104.234	100.461	100.009	100.150	101.838	102,476	103.133
Financial services and insurance		108,183	104.265	103.758	102.793	102.074	102.364	101.781
Other services		105.750	104.526	103.974	103.650	103.334	103,132	103.886
Final consumption expenditures of nonprofit institutions serving households (NPISHs) 1		124.877	119.597	118.919	121.393	121.755	122.788	123.958
Gross output of popprofit institutions 2	23	108.252	108.852	108.648	109.087	108.846	109.744	110.771
Gross output of nonprofit institutions ² Less: Receipts from sales of goods and services by nonprofit institutions ³	241	103.033	105.361	105.300	105.166	104.756	105.613	106.595
Addenda:		- 1		- 1		-		
PCF excluding food and energy 4	. 25	105.946	104.493	104.548	104.657	105,176	105.850	106.509
PCE excluding food and energy 4 Energy goods and services 5	26	93.954	94.956	95.079	95.882	95.243	96.051	97.874
Market-based PCE 6	27	104.532	103.517	103.711	104.024	104.604	105.239	105.926
Market-based PCE excluding food and energy ⁶		105.472	104.278	104.456	104.627	105.268	106.038	106.630
Walker-based For excluding food and energy	. 20	103,472	104.270	104.430	104.027	103.200	100.000	100.030

Table 2.3.4. Price Indexes for Personal Consumption Expenditures by Major Type of Product

		j			Sea	sonally adjus	ted	
	Line	2008	2009	20	09		2010	
	1 1 2 3 3 4 4 5 5 6 6 7 7 7 11 11 12 12 13 13 14 15 15 15 17 18 18 19 12 20 21 22 23 24 24 25 26 26 27	,	Ì	tII	IV	7	H	111
Personal consumption expenditures (PCE)	, 1	109.061	109.258	109.598	110.333	110.901	110.888	111.172
Goods	2	106.262	103.634	104.403	105,120	105.784	104.812	105.055
Durable goods		95.340	93.782	93.450	93,603	93.121	92,755	92.235
Motor vehicles and parts		98.575	98.676	98.961	101.333	102.384	103.041	103.637
Furnishings and durable household equipment		98.041	97.709	97.357	96.127	95.304	94.310	93.010
Recreational goods and vehicles	6	84.233	79.513	78.653	77.455	76.282	75.327	74.278
Other durable goods		109.745	111.234	110.981	112.456	111.179	111.571	111.756
Nondurable goods		112.484	109.262	110.624	111.651	112.949	111.638	112.311
Food and beverages purchased for off-premises consumption		112.089	113.538	112.967	112.950	113.466	113.916	113.989
Clothing and footwear	10	97.754	98.588	99.207	98.770	98.452	97.439	98.323
Gasoline and other energy goods	1 11	145.870	106.387	114.356	121.338	128.166	118.788	121.610
Other nondurable goods	1	106.032	110.691	111.605	111.966	112.594	112.604	112.916
Services	, 13	110.566	112.233	112.355	113.102	113.620	114.116	114.423
Household consumption expenditures (for services) Housing and utilities	14	110.832	112.718	112.850	113.631	114.205	114.703	114.986
Housing and utilities	15	111.871	113.240	113.144	113.277	113.389	113.396	113.542
Health care		109.730	112.693	113.041	113.966	114.582	115.286	115.898
Transportation services		112.406	115.633	115.659	116.730	117.501	118.269	117.933
Recreation services		109.542	110.815	111.318	111.420 114.935	111.325 115.001	111.904 115.794	112.386 116.327
Food services and accommodations		111.644 110.015	114.375 109.533	114.436 109.436	111.427	113.396	113.758	113.577
Financial services and insurance		110.015	113.329	113.667	114.795	115.541	116.488	116.820
Other services	21	104.298	101.105	101.003	100.977	100.254	100.400	101.531
Grace output of popprefit institutions 2	22	104.296	111.137	111.438	112.221	112.553	113.322	113.974
Final consumption expenditures of nonprofit institutions serving households (NPISHs) 1	23	111,494	114.836	115.280	116.359	117.088	117.972	118.561
	24	111.434	114.000	110.200	110.000	117.000	177.372	1 10.501
Addenda:	ا م	107.151	100 774	100.000	100 551	400 007	110 171	110.000
PCE excluding food and energy 4		107.151 136.449	108.774 110.250	108.990 114.091	109.551 118.904	109.887 123.495	110.171 117.714	110.399 119.255
Energy goods and services 5 Market-based PCE 6		109.016	109.372	109.752	110.356	110.824	110.763	111.124
		109.016	109.372	109.752	109.445	10.624	109.903	110.212
Market-based PCE excluding food and energy 6	20	100.776	100.020	109.000	109,445	109.020	109.903	110.212

Net expenses of NPISHs, defined as their gross operating expenses less primary sales to households.
 Gross output is net of unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; excludes own-account investment (construction and software).
 Excludes unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; includes membership dues and fees.
 Food consists of food and beverages purchased for off-premises consumption; food services, which include purchased meals and beverages, are not classified as food.
 Consists of gasoline and other energy goods and of electricity and gas services.
 Market-based PCE is a supplemental measure that is based on household expenditures for which there are observable price measures. It excludes most imputed transactions (for example, financial services furnished without payment) and the final consumption expenditures of nonprofit institutions serving households.

Net expenses of NPISHs, defined as their gross operating expenses less primary sales to households.
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 Food consists of food and beverages purchased for off-premises consumption; tood services, which include purchased meals and beverages, are not classified as food.
 Consists of gasoline and other energy goods and of electricity and gas.
 Market-based PCE is a supplemental measure that is based on household expenditures for which there are observable price measures. It excludes most imputed transactions (for example, financial services furnished without payment) and the final consumption expenditures of nonprofit institutions serving households.

Table 2.3.5. Personal Consumption Expenditures by Major Type of Product

[Billions of dollars]

					Seasonally a	idjusted at ar	nual rates	
	Line	2008	2009	200	09		2010	
			ļ		IV	ı	ll l	fil
Personal consumption expenditures (PCE)	1	10,104.5	10,001.3	10,040.7	10,131.5	10,230.8	10,285.4	10,383.6
Goods	2	3,379.5	3,230.7	3,276.1	3,312.9	3.380.0	3.377.5	3.414.7
Durable goods	3	1.083.5	1,026.5	1.045.2	1.043.9	1,060.7	1.074.1	1.087.2
Motor vehicles and parts	4	343.2	319.7	339.1	327.0	328.3	335.9	342.4
Furnishings and durable household equipment		266.0	248.1	246.9	249.3	255.3	258.2	258.1
Recreational goods and vehicles	6	331.6	317.5	317.1	323.9	328.8	331.9	336.5
Other durable goods	×	142.6	141.1	142.1	143.7	148.3	148.0	150.3
Nondurable goods	ا ۾	2,296.0	2.204.2	2.231.0	2.269.0	2.319.3	2.303.4	2.327.4
Food and beverages purchased for off-premises consumption	8	775.2	777.9	777.0	786.5	797.4	794.6	800.6
Clothing and footwear		334.1	322.2	322.4	325.5	333.8	335.5	337.3
Gasoline and other energy goods	11	411.4	303.7	326.2	344.1	364.1	340.0	345.6
Other nondurable goods	12	775.4	800.4	805.5	812.9	824.1	833.3	844.0
Services	13	6.725.0	6.770.6	6.764.6	6.818.6	6.850.9	6,907.9	6.968.9
Household consumption expenditures (for services)	14	6,446.1	6.511.8	6.507.5	6,556.2	6.589.6	6,643.2	6,699.5
	15	1.833.1	1.876.3	1.877.5	1,887.6	1.887.1		1,910.6
Housing and utilities	16	1,533.1	1,623.2	1,677.5	1,650.1	1,657.5	1,892.5 1,680.4	1,701.0
Transportation services	17	306.9	290.1	288.3	290.2	294.6	299.6	301.6
Recreation services	18	383.4	378.8	377.9	377.3	376.8	378.5	383.7
Food services and accommodations	19	611.3	603.6	601.2	604.7	615.2	623.3	630.2
Financial services and insurance	20	848.1	813.8	809.3	816.3	824.9	829.9	823.9
	21	916.0	925.9	923.8	930.1	933.3	939.1	948.6
Other services		278.8	258.9				264.7	
Final consumption expenditures of nonprofit institutions serving households (NPISHs) 1	23	1.037.6		257.1	262.4	261.3		269.4
Gross output of nonprofit institutions 2	24		1,058.1	1,059.0	1,070.7	1,071.5	1,087.7	1,104.2
Less: Receipts from sales of goods and services by nonprofit institutions 3	24	758.8	799.2	801.9	808.3	810.2	823.0	834.8
Addenda:	1							
PCE excluding food and energy 4	25	8,694.4	8,705.0	8,726.9	8,780.9	8,851.5	8,931.3	9,005.5
Energy goods and services 5	26	634.8	518.4	536.8	564.1	582.0	559.5	577.5
Market-based PCE 6,	27	8,815.6	8,758.5	8,805.1	8,880.2	8,967.6	9,017.2	9,105.6
Market-based PCE excluding food and energy 6	28	7,405.9	7,462.7	7,491.7	7,530.0	7,588.6	7,663.5	7,727.9

Table 2.3.6. Real Personal Consumption Expenditures by Major Type of Product, Chained Dollars

[Billions of chained (2005) dollars]

					Seasonally a	ally adjusted at annual rates				
	Line	2008	2009	200	09		2010			
	!			111	١٧	1	11	III		
Personal consumption expenditures (PCE)	1	9,265.0	9,153.9	9,161.6	9,182.9	9,225.4	9,275.7	9,340.3		
Goods	2	3,180.3	3,117,4	3.138.2	3,151.8	3,195.4	3,222.6	3,250.6		
Durable goods	3	1,136.4	1,094.6	1,118.3	1,115.1	1,138.9	1,157.8	1.178.6		
Motor vehicles and parts	4	348.2	324.0	342.7	322.7	320.6	326.0	330.4		
Furnishings and durable household equipment	5	271.4	253.9	253.5	259.3	267.9	273.7	277.4		
Recreational goods and vehicles		393.7	399.3	402.8	417.9	430.7	440.3	452.€		
Other durable goods	i 71	129.9	126.9	128.1	127.8	133.4	132.7	134.5		
Nondurable goods	8	2,041.2	2,017.4	2,016.9	2,032.3	2.053.5	2.063.4	2.072.4		
Food and beverages purchased for off-premises consumption	! 9	691.6	685.1	687.8	696.3	702.7	697.6	702.3		
Clothing and footwear	10	341.7	326.8	324.9	329.5	339.0	344.3	343.0		
Gasoline and other energy goods	11	282.0	285.5	285.1	283.5	284.0	286.1	284.1		
Other nondurable goods	12	731.3	723.1	721.7	726.0	731.9	740.0	747.4		
Services	13	6,082.3	6,032,7	6.020.7	6,028.7	6,029.6	6,053.4	6.090.5		
Household consumption expenditures (for services)		5.816.1	5,777.0	5.766.5	5,769.7	5,769.9	5,791.7	5.826.4		
Housing and utilities		1,638.6	1.656.9	1,659.4	1,666.3	1,664.3	1,668.9	1,682.7		
Health care		1,410.0	1,440,4	1,441.6	1.447.9	1.446.7	1,457.6	1.467.7		
Transportation services		273.1	250.9	249.3	248.6	250.8	253.3	255.8		
Recreation services		350.0	341.8	339.5	338.6	338.5	338.2	341.4		
Food services and accommodations		547.6	527.7	525.4	526.1	535.0	538.3	541.8		
Financial services and insurance		770.9	743.0	739.4	732.5	727.4	729.5	725.3		
Other services		826.5	817.0	812.7	810.1	807.7	806.1	812.0		
Final consumption expenditures of nonprofit institutions serving households (NPISHs) 1	22	267.3	256.0	254.6	259.9	260.6	262.9	265.4		
Gross output of nonprofit institutions 2	23	946.8	952.1	950.3	954.1	952.0	959.9	968.8		
Gross output of nonprofit institutions 2	24	680.6	696.0	695.6	694.7	692.0	697.6	704.1		
Residual	25	-7.7	-4.5	-7.0	-9.6	-15.2	-19.2	-22.8		
Addenda:	1 2				5.0			-2.0		
	! 26	0.114.0	0,000,0	0.007.1	0.045.4	0.055.0	0.100.0	0.457.0		
PCE excluding food and energy 4		8,114.2	8,002.9	8,007.1	8,015.4	8,055.2	8,106.8	8,157.3		
Energy goods and services 5		465.3 8.086.5	470.2 8.008.0	470.8 8.023.0	474.8 8.047.2	471.6	475.6	484.7		
Market-based PCE 6 Market-based PCE excluding food and energy 6			6.857.4			8,092.0	8,141.2	8,194.4		
warket-based POE excluding floor and energy "	, 29	6,935.9	0,857.4	6,869.0	6,880.3	6,922.5	6,973.1	7,012.0		

^{1.} Net expenses of NPISHs, defined as their gross operating expenses less primary sales to households.
2. Gross output is net of unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; excludes own-account investment (construction and software).
3. Excludes unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; includes membership dues and fees.
4. Food consists of food and beverages purchased for off-premises consumption; food services, which include purchased meals and beverages, are not classified as food.
5. Consists of gasoline and other energy goods and of electricity and gas.
6. Market-based PCE is a supplemental measure that is based on household expenditures for which there are observable price measures. It excludes most imputed transactions (for example, financial services furnished without payment) and the final consumption expenditures of nonprofit institutions serving households.

^{1.} Net expenses of NPISHs, defined as their gross operating expenses less primary sales to households.
2. Gross output is net of unrelates cales, secondary sales, and sales to business, to government, and to the rest of the world; excludes own-account investment (construction and software).
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4. Food consists of food and beverages purchased for off-premises consumption; food services, which include purchased meals and beverages, are not classified as food.
5. Consists of gasoline and other energy goods and of electricity and gas.
6. Market-based PCE is a supplemental measure that is based on household expenditures for which there are observable price measures. It excludes most imputed transactions (for example, financial services furnished without payment) and the final consumption expenditures of nonprofit institutions serving households.

Note: Chained (2005) dollar series are calculated as the product of the chain-type quantity index and the 2005 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Table 2.3.7. Percent Change from Preceding Period in Prices for Personal Consumption Expenditures by Major Type of Product

	i				Seasonally a	nual rates	nual rates		
	Line	2008	2009	2009	9	2010 2010 1	,		
				101	(V	2010		Ш	
Personal consumption expenditures (PCE)		3.3	0.2	2.9	2.7	2.1	0.0	1.0	
Goods	2	3.2	-2.5	5.7	2.8	2.6	-3.6	0.9	
Durable goods	3	-1.4	-1.6	-2.5				-2.2	
Motor vehicles and parts.	4	-1.1	0.1	4.9				2.3	
Furnishings and durable household equipment	5	-0.6	0.3	-5.9	-5.0	-3.4	-4.1	-5.4	
Recreational goods and vehicles	6	-4.5	-5.6	~8.3	-6.0	5.9	-4.9	~5.5	
Other durable goods	7	3.7	1.4	0.3	5.4	-4.5	1.4	0.7	
Nondurable goods	8	5.6	-2.9	9.7	3.8	4.7	-4.6	2.4	
Food and beverages purchased for off-premises consumption	9	6.0	1.3	-2.4	-0.1	1.8	1.6	0.3	
Clothing and footwear	10	-0.8	0.9	3.6	-1.8	-1.3	-4.1	3.7	
Gasoline and other energy goods	11	17.7	-27.1	88.1	26.8		-26.2	9.8	
Other nondurable goods	12	2.4	4.4	2.6	1.3	2.3	0.0	1.1	
Services	13	3.4	1.5	1.7	2.7	1.8	1.8	1.1	
Household consumption expenditures (for services)		3.5	1.7	1.7				1.0	
Housing and utilities		3.6	1.2	-0.2				0.5	
Health care		2.7	2.7	2.8	3.3	2.2	2.5	2.1	
Transportation services		5.4	2.9	2.6				-1.1	
Recreation services		3.1	1.2	4.0	0.4	-0.3		1.7	
Food services and accommodations	19	4.0	2.4	0.5	1.8	0.2	2.8	1.9	
Financial services and insurance	20	3.0	-0.4	1.7	7.5	7.3	1.3	-0.6	
Other services	21	4.1	2.3	3.2	4.0	2.6	3.3	1.1	
Final consumption expenditures of nonprofit institutions serving households (NPISHs) 1	22	0.7	-3.1	0.9	-0.1	-2.8	1.8	3.3	
Gross output of nonprofit institutions 2	23	2.6	1.4	2.9	2.8	1.2	2.8	2.3	
Gross output of nonprofit institutions ²	24	3.3	3.0	3.6	3.8	2.5	3.1	2.0	
Addenda:	i l					Ì			
PCE excluding food and energy 4	25	2.3	1.5	1.5	2.1	1.2	1.0	0.8	
Energy goods and services 5		14.3	-19.2	41.5				5.3	
Market-based PCE 6		3.4	0.3	3.0	2.2	1.7	-0.2	1.3	
Market-based PCE excluding food and energy 6		2.3	1.9	1.3		0.7	1.0	1.1	

^{1.} Net expenses of NPISHs, defined as their gross operating expenses less primary sales to households.
2. Gross output is net of unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; excludes own-account investment (construction and software).
3. Excludes unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; includes membership dues and fees.
4. Food consists of load and beverages purchased for off-premises consumption; food services, which include purchased meals and beverages, are not classified as food.
5. Consists of gasoline and other energy goods and of electricity and gas.
6. Market-based PCE is a supplemental measure that is based on household expenditures for which there are observable price measures. It excludes most imputed transactions (for example, financial services furnished without payment) and the final consumption expenditures of nonprofit institutions serving households.

3. Government Current Receipts and Expenditures

Table 3.1. Government Current Receipts and Expenditures

					Seasonally	adjusted at a	ınnual rates	
	Line	2008	2009	20	09		2010	
				Ш	IV	ı	11	III
Current receipts	1	4,074.0	3,726.9	3,702.5	3.785.0	3,904.0	3,947.8	4.028.4
Current tax receipts	2	2,780.3	2,409.3	2,391.2	2,459.4	2,572.4	2,597.8	2.663.3
Personal current taxes		1,438.2	1,140.0	1.117.0	1,117.2	1,134,7	1,149,1	1,178.6
Taxes on production and imports		1,045.1	1,024.7	1,028.2	1,035.2	1.045.9	1,054.6	1,060.6
Taxes on corporate income		280.2	231.4	233.1	294.6	379.2	381.3	412.3
Taxes from the rest of the world		16.8	13.2	12.9	12.4	12.6	12.8	11.8
Contributions for government social insurance		992.1	975.1	975.4	979.5	992.9	1.007.1	1.014.9
Income receipts on assets		146.9	162.2	162.1	166.8	159.3	162.2	166.4
Interest and miscellaneous receipts	9	143.8	140.8	140.3	141.7	141.4	142.9	145.0
Dividends		3.1	21.5	21.8	25.1	18.0	19.2	21.4
Current transfer receipts.		171.4	193.5	185.5	190.5	191.4	193.9	198.0
From business (net)		81.7	98.5	90.0	93.6	93.0	93.8	96.2
From persons		89.7	95.0	95.6	97.0	98.5	100.1	101.8
Current surplus of government enterprises.		-16.7	-13.2	-11.7	-11.3	-12.1	-13.1	-14.1
Current expenditures		4,737.7	4,998.8	5.078.4	5.081.5	5.189.6	5,268.6	5.316.4
Consumption expenditures		2.382.8	2.411.5	2,425.3	2,434.0	2,464.7	2.485.2	2.503.7
Current transier payments		1.902.7	2.164.9	2,202.1	2,215.0	2.287.2	2,319.0	2.352.0
Government social benefits		1.857.8	2,112.3	2,139.0	2.168.2	2,224.6	2,265.2	2,295.3
To persons		1.842.6	2.096.8	2,123.4	2,152.5	2.208.9	2,249.1	2,278.8
To the rest of the world		15.2	15.5	15.6	15.7	15.8	16.1	16.6
Other current transfer payments to the rest of the world (net)		44.8	52.7	63.1	46.8	62.5	53.8	56.7
Interest payments		399.4	362.0	382.0	374.1	380.3	405.9	402.3
To persons and business.		232.8	218.0	243.4	237.8	242.8	264.8	260.1
To the rest of the world.		166.6	144.0	138.6	136.3	137.5	141.1	142.1
Subsidies		52.8	60.3	69.1	58.4	57.4	58.5	58.5
Less: Wage accruals less disbursements		0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net government saving		663.6	-1,271.9	-1,375.9	-1,296,4	-1.285.7	-1.320.8	-1.288.0
Social insurance funds		-53.2	-1,271.9 -249.8	-1,375.9	-1, 290.4 -284.5	-1, 265 .7 -274.9		~272.5
		-610.4	-1.022.0	-1,101.3	-1.012.0		-267.2 -1.053.6	-272.5 -1.015.5
Other	29	-010.4	-1,022.0	-1,101.3	-1,012.0	-1,010.8	-1,053.6	-1,015.5
				i				
Total receipts		4,107.9	3,752. 2	3,727.6	3,805.8	3,930.2	3,971.5	4,048.5
Current receipts		4,074.0	3,726.9	3,702.5	3,785.0	3,904.0	3,947.8	4,028.4
Capital transfer receipts		33.9	25.3	25.1	20.8	26.2	23.7	20.0
Total expenditures	33	5.020.2	5,344.9	5,367.0	5.393.6	5,471.6	5,591.9	5,577,7
Current expenditures	34	4,737.7	4,998.8	5,078.4	5,081.5	5,189,6	5,268.6	5,316.4
Gross government investment		495.5	503.4	508.5	500.5	491.0	505.6	519.8
Capital transfer payments	36	104.6	161.8	90.2	125.2	106.9	137.3	61.7
Net purchases of nonproduced assets		-5.3	6.3	15.1	13.1	13.7	13.4	16.3
Less: Consumption of fixed capital	38	312.3	325.3	325.1	326.8	329.6	3 33.0	336.5
Net lending or net borrowing (-)		-912.3	-1,592.7	-1,639.4	-1,587.8	-1,541,4	-1,620.5	-1,529.3
net rending of net bottoming (-).	39	-512.3	-1,552./	-1,000.4	~1,007.0	-1,041.4	-1,020.3	~1,523.3

Table 3.2. Federal Government Current Receipts and Expenditures
[Billions of dollars]

Seasonally adjusted at annual rates 2008 2009 2009 2010 Line Ш IV П Ш Current receipts..... 2,503.1 1,447.8 2,205.8 1,142.4 2,176.3 **2,231.7** 1,166.2 2,322.8 1,253.6 **2,364.7** 1,281.1 2,421.9 Personal current taxes 3 1,102.8 852.7 827.0 823.4 843.2 868.5 886.2 Taxes on production and 97 (97.1 109.1 imports .. 96.0 94 4 100.6 106.6 Excise taxes 74.0 74.7 22.3 79.1 27.5 79.4 29.7 5 75.0 25.6 29.2 Customs duties 23.1 Taxes on corporate 232.2 182.1 184.4 233.2 297.1 293.2 319.1 income Federal Reserve banks 47.4 134.6 77.5 155.8 69.6 223.6 31.7 200.5 56.7 127.7 88.9 208.3 82.4 236.7 Other. Taxes from the rest of the 10 16.8 12.9 12.4 12.6 12.8 13.2 11.8 world. Contributions for government social insurance..... 984.7 44.0 25.3 972.4 953.5 970.6 992.4 46.2 22.7 18.7 4.8 67.9 46.0 23.0 19.0 3.9 58.9 41.8 24.4 14.9 2.5 60.2 40.3 Income receipts on assets...
Interest receipts..... 31.7 21.1 50.0 24.2 47.6 26.3 22.3 3.4 61.8 16.3 2.5 59.1 18.6 2.7 60.5 40.5 Dividends. 0.6 15 16 17 Rents and royalties. 10.0 Current transfer receipts... 55.0 39.2 19.7 From business .. 42.0 19.7 From persons Current surplus of government enterprises... 18 20.0 20.0 19.8 19.9 20.0 19 -3.7 -3.5 -3.6 -4.2 -3.4-4.2-4.9 **3,759.9** 1,061.7 2,351.5 3,119.3 **Current expenditures** 20 21 22 3,457.5 3.542.0 3,701.2 3.532.9 3.637.1 1,001.8 2,216.7 Consumption expenditures. 2,191.5 Current transfer payments 1,843.7 2,157.4 2,292.3 2,311.4 Government social benefits..... 1,715.2 1,699.5 15.8 1,402.7 1.620.2 1,637.6 1.668.8 1.732.6 1.755.6 To persons......
To the rest of the world 1,387.4 15.2 1,604.7 15.5 1,622.0 15.6 1,653.1 15.7 1,739.0 16.6 24 25 1,716.5 16.1 Other current transfer payments...... Grants-in-aid to state and local 26 441.1 537.3 554.0 547.9 577.1 578.8 596.0 governments......
To the rest of the world 27 396.2 484.6 490.9 501.1 514.6 525.0 539.3 (net)...... Interest payments 44.8 52.7 63.1 46.8 53.8 56.7 28 62.5 254.0 110.0 273.8 135.3 294.9 153.8 289.8 147.6 29 30 31 32 266.4 To persons and business To the rest of the world 124 6 130.0 134 1 49.8 57.2 Subsidies.. 58.9 67.9 55.8 56.4 56.9 Less: Wage accruals less disbursements 33 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Net federal government saving 34 35 36 -616.2 1,251.7 -1,310.3 Social insurance funds . -54.9-252.4 -277.3 -287.3 -269.8 -561.3 -999.3 1,079.4 -1,023.0 1,036.7 -1,066.7 -1,062.9 Other Addenda: **2,248.3** 2,231.7 16.6 **2,437.7** 2,421.9 15.8 Total receipts 37 2.531.3 2.226.5 2.196.9 2.345.1 2.384.2 2,503.1 28.2 2,205.8 2,176.3 20.7 2,364.7 19.6 Current receipts..... Capital transfer receipts 38 39 22.2 Total expenditures. 3,286.4 40 41 **3,703.1** 3,457.5 3,727.1 3,532.9 3.770.2 3,828.7 3,936.3 3,701.2 **3,934.7** 3,759.9 Current expenditures. 3,119.3 3,542.0 3,637.1 Gross government 42 145.3 152.4 155.7 158.1 168.2 172.2 investment ... 160.8 Capital transfer payments...... Net purchases of 43 160.8 224.6 161.3 196.4 158.3 196.4 130.9 nonproduced assets Less: Consumption of 44 -19.2-7.01.8 -0.4 -0.1 -0.71.9 45 119.8 124.7 125.9 127.3 128.8 130.2 fixed capital 124.3 Net lending or net borrowing (-).... -755.2 -1,476.6 -1,530.1 -1,521.9 -1,483.6 -1,552.1

Table 3.3. State and Local Government Current Receipts and Expenditures
[Billions of dollars]

		[Dillotte	or dollar	o]				
				Sea	asonally a	djusted at	annual ra	ites
	Line	2008	2009	20	09		2010	-
				III	IV	ī	II	III
Current receipts	1	1,967.2	2,005.8	2,017.2	2,054.4	2,095.7	2,108.1	2,145.8
Current tax receipts	2	1,332.5	1,267.0	1,270.0	1,293.2	1,318.8	1,316.7	1,337.1
Personal current taxes	3	335.4	287.3	290.0	293.8	291.5	280.6	292.4
Income taxes	4	308.0	259.1	261.8	265.0	262.5	251.3	262.7
Other	5	27.5	28.2	28.2	28.9	28.9	29.4	29.7
Taxes on production and imports	6	949.1	930.3	931.3	938.0	945.3	948.1	951.4
Sales taxes	7	442.7	421.1	421.3	420.8	424.4	426.4	426.2
Property taxes	8	411.7	425.2	426.8	428.9	431.8	434.8	437.6
Other	9	94.7	84.0	83.2	88.4	89.0	86.9	87.7
Taxes on corporate income	10	48.0	49.4	48.7	61.3	82.0	88.1	93.2
Contributions for government social	1							
insurance	11	19.7	21.6	21.8	22.1	22.3	22.4	22.5
Income receipts on assets	12	115.2	116.0	116.1	116.9	117.5	118.1	118.7
Interest receipts	13	99.5	98.8	98.7	99.0	99.0	99.2	99.4
Dividends	14	2.5	2.7	2.8	2.9	3.0	2.9	2.8
Rents and royalties	15	13.2	14.5	14.6	15.0	15.5	16.0	16.6
Current transfer receipts	16	512.7	610.2	617.5	629.9	645.8	659.8	676.8
	17	396.2	484.6	490.9	501.1	514.6	525.0	539.3
Federal grants-in-aid			50.4			52.7	54.7	55.7
From business (net)	18	46.8		50.7	51.6			81.8
From persons	19	69.7	75.2	75.9	77.2	78.6	80.1	01.0
Current surplus of government		400						
enterprises	20	-13.0	-9 .0	-8.2	-7.7	-8.7	-8.9	-9.2
Current expenditures	21	2,014.6	2,025.9	2,036.4	2,040.6	2,067.2	2,092.4	2,095.9
Consumption expenditures	22	1,448.2	1,424.4	1,425.6	1,432.2	1,447.4	1,446.7	1,442.0
Government social benefit payments	ļ		· ·	'	'			
to persons	23	455.2	492.1	501.5	499.4	509.4	532.6	539.8
Interest payments	24	108.2	108.0	108.1	107.7	108.7	111.0	112.5
Subsidies	25	3.0	1.4	1.2	1.2	1.6	2.1	1.6
Less: Wage accruals less								
disbursements	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
			•,•	0.0	0.0	0.0		
Net state and local	07	47.4	20.1	40.0	120	20.0	45.0	50.0
government saving	27	-47.4	-20.1	-19.2	13.9	28.6	15.8	50.0
Social insurance funds	28	1.7	2.6	2.7	2.8	2.7	2.6	2.6
Other	29	-49.1	-22.7	-21.9	11.1	25.9	13.1	47.4
Addenda:						[ſ
Total receipts	30	2.029.1	2,073.1	2,092.8	2,129.8	2,151.1	2,171.3	2,219.3
Current receipts	31	1,967.2	2,005.8	2,017.2	2.054.4	2,095.7	2,108.1	2,145.8
Capital transfer receipts	32	61.9	67.4	75.6	75.3	55.4	63.2	73.5
	1			1				
Total expenditures	33	2,186.2	2,189.3	2,202.0	2,195.7	2,208.8	2,239.7	2,251.6
Current expenditures	34	2,014.6	2,025.9	2,036.4	2,040.6	2,067.2	2,092.4	2,095.9
Gross government investment	35	350.3	351.0	352.8	342.4	330.2	337.4	347.6
Capital transfer payments	36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net purchases of nonproduced								[
assets	37	13.9	13.4	13.3	13.5	13.8	14.1	14.4
Less: Consumption of fixed	1							1
capital	38	192.6	200.9	200.5	200.8	202.3	204.2	206.3
Net lending or net borrowing (-)	39	-157.1	-116.1	-109.3	-65.9	-57.7	-68.4	-32.3
reciding of her borrowing (=)	ا عو	-137.1	-110.1	-103.3	-03.9	-5/./	-00.4	-52.3

Table 3.9.1. Percent Change From Preceding Period in Real Government **Consumption Expenditures and Gross Investment**

[Percent]

				Sea	sonally ac	djusted at	annual rat	es
	Line	2008	2009	200)9		2010	
				111	ΙV	ι	II	ш
Government consumption expenditures and gross								
investment	1	2.8	1.6	1.6	-1.4	-1.6	3.9	4.0
Consumption expenditures 1	2	2.5	1.9	0.8	-0.5	-0.2	2.5	2.7
Gross investment 2	3	4.3	0.2	5.6	-5.5	-8.2	11.3	10.5
Structures	4	0.9	0.1	8.3	-11.2	-14.5	9.0	13.3
Equipment and software	5	10.4	0.4	1.2	5.1	2.7	14.9	6.3
Federal	6	7.3	5.7	5.7	0.0	1.8	9.1	8.9
Consumption expenditures	7	6.5	5.8	4.3	-0.8	1.1	7.6	8.7
Gross investment	8	12.1	5.3	15.1	5.3	6.3	19.4	9.9
Structures	9	3.1	23.2	105.4	10.3	18.2	17.0	14.7
Equipment and software	10	13.9	2.0	1.3	4.1	3.6	20.0	8.7
National defense	11	7.5	5.4	9.0	-2.5	0.4	7.4	8.5
Consumption expenditures	12	6.5	5.3	7.9	-3.6	0.3	5.4	8.9
Gross investment	13	14.4	6.0	15.6	4.5	0.7	20.4	6.6
Structures	14	9.3	40.1	184.0	11.3	3.5	0.5	19.9
Equipment and software	15	15.1	1.7	-0.6	3.3	0.2	24.5	4.3
Nondefense	16	6.7	6.5	-0.9	5.6	5.0	12.8	9.5
Consumption expenditures	17	6.7	6.9	-2.8	5.4	2.9	12.2	8.3
Gross investment	18	7.0	3.9	13.8	7.2	20.8	17.2	17.8
Structures	19	-2.5	6.2	34.9	8.9	42.3	42.0	8.7
Equipment and software	20	10.6	3.1	6.8	6.5	13.5	8.3	21.8
State and local	21	0.3	-0.9	-1.0	-2.3	-3.8	0.6	0.8
Consumption expenditures	22	0.0	-0.7	-1.7	-0.4	-1.1	-0.9	-1.4
Gross investment	23	1.4	-1.9	1.7	-9.9	-14.4	7.5	10.8
Structures	24	0.8	-1.7	1.9	-13.3	-17.6	8.1	13.1
Equipment and software	25	4.2	-2.6	1.1	7.1	1.0	4.9	1.3

Government consumption expenditures are services (such as education and national defense) produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction and software).
 Gross government investment consists of general government and government enterprise expenditures for fixed assets; inventory investment is included in government consumption expenditures.

Table 3.9.3. Real Government Consumption Expenditures and Gross Investment, Quantity Indexes

[Index numbers, 2005=100]

					Seas	onally adj	usted	
	Line	2008	2009	20	109		2010	
		105.605 104.824 109.528 100.776 126.200 110.900 108.888 125.350 121.683 126.047 111.653 109.175 129.524 128.929 129.528 109.284 116.678 115.142 117.390 102.328 103.812 99.379		Ш	IV	1	II	III
Government consumption expenditures and gross investment	1	105 605	107.287	107.991	107.613	107.185	108.228	109,292
Consumption expenditures ¹ Gross investment ² Structures Equipment and software	3 4 5	104.824 109.528 100.776	106.797 109.766 100.859 126.759	107.282 111.542 103.043 127.651	107.140 109.989 100.014 129.243	107.093 107.652 96.172 130.112	107.764 110.565 98.270 134.697	108.486 113.353 101.378 136.760
Federal Consumption expenditures Gross investment Structures. Equipment and software	6 7 8 9	108.888 125.350 121.683	117.266 115.204 132.056 149.869 128.620	119.085 116.828 135.308 162.136 130.134	119.091 116.599 137.061 166.170 131.451	119.634 116.932 139.168 173.275 132.607	122.276 119.086 145.476 180.206 138.792	124.896 121.592 148.943 186.500 141.720
National defense	11 12 13 14 15	109.175 129.524 128.929	117.648 114.933 137.252 180.681 131.719	120.237 117.326 141.271 201.764 133.577	119.477 116.251 142.838 207.231 134.652	119.582 116.337 143.089 209.013 134.711	121.732 117.866 149.875 209.254 142.306	124.253 120.397 152.300 218.946 143.823
Nondefense Consumption expenditures Gross investment Structures. Equipment and software	16 17 18 19 20	108.284 116.678 115.142	116.467 115.768 121.237 122.304 121.014	116.687 115.800 122.874 126.678 121.648	118.283 117.321 125.021 129.417 123.580	119.738 118.171 131.075 141.343 127.549	123.410 121.627 136.377 154.301 130.127	126.239 124.080 142.066 157.559 136.695
State and local Consumption expenditures Gross investment Structures Equipment and software	21 22 23 24 25	102.328 103.812	101.688 101.655 101.854 97.665 123.117	101.770 101.444 103.135 99.210 122.825	101.179 101.354 100.474 95.736 124.943	100.213 101.076 96.642 91.207 125.262	100.367 100.847 98.399 92.999 126.760	100.566 100.483 100.948 95.902 127.156

Government consumption expenditures are services (such as education and national defense) produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction and software).
 Gross government investment consists of general government and government enterprise expenditures for fixed assets; inventory investment is included in government consumption expenditures.

Table 3.9.2. Contributions to Percent Change in Real Government **Consumption Expenditures and Gross Investment**

				Sea	sonally a	djusted at	annual rat	es
	Line	2008	2009	20	09	·	2010	
			i	111	W	i	ii i	111
Percent change at annual rate:								
Government consumption expenditures and gross investment	1	2.8	1.6	1.6	-1.4	-1.6	3.9	4.0
Percentage points at annual rates:								
Consumption expenditures ¹ Gross investment ² Structures Equipment and software	2 3 4 5	2.08 0.74 0.10 0.64	1.56 0.04 0.01 0.03	0.61 0.97 0.89 0.08	-0.45 -0.95 -1.27 0.33	-0.14 -1.44 -1.61 0.18	2.13 1.82 0.90 0.92	2.26 1.73 1.31 0.42
Federal	6 7 8 9 10	2.63 2.06 0.57 0.02 0.54	2.15 1.89 0.27 0.18 0.09	2.17 1.42 0.75 0.69 0.06	0.00 -0.28 0.28 0.10 0.18	0.73 0.40 0.33 0.18 0.15	3.56 2.56 1.00 0.17 0.82	3.50 2.95 0.55 0.16 0.39
National defense Consumption expenditures Gross investment Structures Equipment and software	11 12 13 14 15	1.85 1.38 0.46 0.03 0.43	1.37 1.16 0.21 0.16 0.05	2.30 1.75 0.55 0.56 -0.01	-0.67 -0.84 0.17 0.07 0.11	0.10 0.07 0.03 0.02 0.01	1.96 1.23 0.73 0.00 0.73	2.28 2.01 0.26 0.11 0.15
Nondefense Consumption expenditures Gross investment Structures Equipment and software	16 17 18 19 20	0.78 0.68 0.10 -0.01 0.11	0.78 0.72 0.06 0.02 0.03	-0.13 -0.33 0.20 0.12 0.07	0.67 0.56 0.11 0.04 0.07	0.63 0.33 0.30 0.16 0.15	1.60 1.33 0.27 0.17 0.10	1.22 0.94 0.28 0.04 0.24
State and local Consumption expenditures Gross investment Structures Equipment and software	21 22 23 24 25	0.19 0.02 0.17 0.08 0.09	-0.56 -0.33 -0.23 -0.17 -0.06	-0.59 -0.81 0.22 0.20 0.02	-1.40 -0.17 -1.23 -1.38 0.15	-2.31 -0.54 -1.77 -1.79 0.02	0.39 -0.44 0.83 0.72 0.10	0.49 -0.69 1.18 1.15 0.03

Government consumption expenditures are services (such as education and national defense) produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction and software).
 Gross government investment consists of general government and government enterprise expenditures for fixed assets; inventory investment is included in government consumption expenditures.

Table 3.9.4. Price Indexes for Government Consumption Expenditures and Gross Investment

					Seas	onally adj	usted	
	Line	2008	2009	20	009		2010	
		1 115.009 2 114.929 3 115.410 4 124.557 5 101.349 7 112.078 8 104.902 9 118.600 10 102.634 11 112.109 11 12.109 11 13 105.78 11 117.998 105.78 11 10.000 10 109.077 11 10.000 11 109.077 11 11 11 11 11 11 11 11 11 11 11 11 11	1	. ()]	IV	1	11	III
Government consumption expenditures and gross				·				
investment		115 000	114.644	114.635	115 067	116.358	116.606	116.734
Consumption expenditures 1	2		114.166	114.035	114.864	116.365	116.599	116.686
Gross investment 2			116.983	116.281	116.069	116.320	116.641	116.966
Structures			127,347	126.221	125.806	126,100	126.608	127.207
Equipment and software			101.257	101.139	101.201	101.389	101.471	101.446
Federal	6	111,119	110.895	110.716	111,141	112.375	112.615	112.746
Consumption expenditures			111.885	111.736	112.188	113.600	113.869	114.01
Gross investment	8	104.902	104.493	104.137	104.399	104.577	104.652	104.676
Structures	9	118.600	118.983	117.676	117.301	117.183	116.961	117.454
Equipment and software	10	102.634	102.082	101.893	102.286	102.529	102.668	102.590
National defense	11	112,109	111.342	111.153	111.590	113.046	113.377	113.508
Consumption expenditures	12	113.091	112.240	112.059	112.522	114.191	114.555	114.720
Gross investment	13	105.781	105.507	105.274	105.559	105.807	105.950	105.89
Structures	14	117.998	118.453	117.393	117.325	117.171	116.575	116.87
Equipment and software	15	104.450	104.073	103.952	104.297	104.616	104.885	104.76
Nondefense	16	109.077	109.984	109.822	110.222	110.997	111.053	111.166
Consumption expenditures	17	110.000	111.156	111.067	111.496	112.389	112.466	112.564
Gross investment	18	103.021	102.299	101.655	101.866	101.884	101.806	102.01
Structures	19		119.486	117.893	117.094	117.026	117.282	118.010
Equipment and software	20	98.102	97.089	96.724	97.248	97.292	97.101	97.130
State and local	21	117.349	116.892	116.998	117.434	118.760	119.014	119.14
Consumption expenditures	22		115.608		116.587	118.148	118.356	118.40°
Gross investment	23		122.380	121.512	121.054	121.341	121.800	122.293
Structures	24		128.032	126.926	126.507	126.852	127.454	128.06
Equipment and software	25	99.005	99.792	99.809	99.220	99.303	99.270	99.350

Government consumption expenditures are services (such as education and national defense) produced by government that are valued at the cost of production. Excludes government sales to other sectors and government own-account investment (sectors).

investment (construction and software).

2. Gross government investment consists of general government and government enterprise expenditures for fixed assets; inventory investment is included in government consumption expenditures.

Table 3.9.5. Government Consumption Expenditures and Gross Investment

[Billions of dollars]

				Sea	asonally a	djusted at	annual ra	tes
	Line	2008	2009	20	09		2010	
	:			111	IV	ì	II	III
Government consumption expenditures and gross								
investment	1 2 3 4	2,878.3 2,382.8 495.5 309.4	2,914.9 2,411.5 503.4 316.6		2,934.5 2,434.0 500.5 310.2	2,955.7 2,464.7 491.0 299.0	2,990.8 2,485.2 505.6 306.7	3,023.5 2,503.7 519.8 317.9
Equipment and software Federal Consumption expenditures	5 6 7	186.1 1,079.9 934.6	186.8 1,139.6 987.1	187.9 1,155.4 999.7	190.4 1,159.9 1,001.8	192.0 1,178.1 1,017.3	198.9 1,206.7 1,038.5	201.9 1,233.9 1,061.7
Gross investment Structures Equipment and software	8 9 10	145.3 22.7 122.6	152.4 28.0 124.4	155.7 30.0 125.6	158.1 30.7 127.4	160.8 32.0 128.8	168.2 33.2 135.0	172.2 34.5 137.8
National defense Consumption expenditures Gross investment Structures Equipment and software	11 12 13 14 15	737.3 635.7 101.7 11.3 90.3	771.6 664.1 107.5 15.9 91.5	787.3 676.9 110.4 17.7 92.7	785.4 673.5 111.9 18.1	796.3 684.0 112.4 18.3 94.1	813.0 695.2 117.9 18.2 99.7	830.8 711.1 119.7 19.1 100.6
Nondefense Consumption expenditures Gross investment. Structures. Equipment and software	16 17 18 19 20	342.5 299.0 43.6 11.3 32.2	368.0 323.0 45.0 12.1 32.9	368.1 322.8 45.3 12.4 32.9	374.5 328.3 46.2 12.5 33.6	381.8 333.3	393.7 343.3 50.3 15.0 35.4	403.1 350.6 52.5 15.4 37.2
State and local Consumption expenditures Gross investment Structures Equipment and software	21 22 23 24 25	1,798.5 1,448.2 350.3 286.7 63.6	1,775.3 1,424.4 351.0 288.5 62.4	1,778.4 1,425.6 352.8 290.6 62.3	1,774.7 1,432.2 342.4 279.5 63.0	1,777.6 1,447.4 330.2 267.0 63.2	1,784.1 1,446.7 337.4 273.5 63.9	1,789.6 1,442.0 347.6 283.4 64.2

Government consumption expenditures are services (such as education and national defense) produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction and software).
 Gross government investment consists of general government and government enterprise expenditures for fixed assets; inventory investment is included in government consumption expenditures.

Table 3.9.6. Real Government Consumption Expenditures and Gross Investment, Chained Dollars

[Billions of chained (2005) dollars]

				Sea	asonally a	djusted at	,118.1 2,131.4 2 422.0 433.4 237.0 242.2 189.4 196.0				
	Line	2008	2009	20	09		2010				
				111	IV	-	II	III			
Government consumption expenditures and gross											
investment	1	2,502.7	2,542.6	2,559.3	2,550.3	2,540.2		2,590.1			
Consumption expenditures 1	2	2,073.3	2,112.3		2,119.1			2,145.7			
Gross investment 2	3	429.4	430.3	437.3	431.2			444.4			
Structures Equipment and software	4 5	248.4 183.7	248.6 184.5	254.0 185.8	246.5 188.1			249.9 199.0			
	1	1									
Federal Consumption expenditures Gross investment Structures Equipment and software	6 7 8 9	971.8 833.9 138.5 19.1 119.4	1,027.6 882.3 145.9 23.6 121.9	1,043.5 894.7 149.5 25.5 123.3	1,043.6 893.0 151.4 26.1 124.5	895.5 153.7 27.2	912.0 160.7 28.3	1,094.5 931.2 164.5 29.3 134.3			
National defense Consumption expenditures Gross investment	11 12 13	657.7 562.1 96.1	693.0 591.7 101.9	708.3	703.8 598.5 106.0	704.4 598.9	717.1 606.8	731.9 619.8 113.0			
Structures Equipment and software	14 15	9.6 86.5	13.5 87.9	15.0 89.2	15.4 89.9	15.6	15.6	16.3			
Nondefense Consumption expenditures Gross investment	16 17 18	314.0 271.8 42.3	334.6 290.6 44.0	335.2 290.7 44.5	339.8 294.5 45.3	344.0 296.6 47.5	354.5 305.3 49.4	362.6 311.4 51.5			
Structures Equipment and software	19 20	9.5 32.9	10.1 33.9	10.5 34.0	10.7 34.6	11.7 35.7	12.8 36.4	13.0 38.3			
State and local	21 22 23 24 25	1,532.6 1,240.2 292.3 229.3 64.2	1,518.8 1,232.1 286.8 225.4 62.5	1,520.0 1,229.5 290.4 228.9 62.4	1,511.2 1,228.4 282.9 220.9 63.5	1,496.8 1,225.1 272.1 210.5 63.6	1,499.1 1,222.3 277.0 214.6 64.4	1,502.0 1,217.9 284.2 221.3 64.6			
Residual	26	-3.4	-5.1	-4.9	-6.1	-7.4	-8.3	-8.5			

Table 3.10.1. Percent Change From Preceding Period in Real Government **Consumption Expenditures and General Government Gross Output**

				Seaso	nally ad	justed at	annual	rates
	Line	2008	2009	20	09		2010	
				III	IV	1	II	111
Government consumption	1	2.5	1.9	0.0	-0.5	-0.2	2.5	2.7
expenditures 1	2	2.6	2.0	0.8 1.0	-0.2	0.1	2.8	2.8
Value addedCompensation of general	3	2.3	1.6	0.1	0.7	0.5	1.7	-1.4
government employees	4	2.1	1.2	-0.4	0.3	0.1	1.4	-2.3
Consumption of general government fixed capital 2	5	3.5	3.5	3.1	2.9	2.7	3.2	3.6
Intermediate goods and services						1		
purchased 3 Durable goods	6	2.9 10.7	2.7 4.0	2.5 18.2	-1.7 -11.2	-0.7 -7.9	4.7 8.4	10.0 12.7
Nondurable goods	8	0.0	2.1	-3.1	-5.4	-0.3	3.6	6.8
Services Less: Own-account investment 4	10	3.4 4.5	2.9 l 0.4 l	2.9 -2.9	0.7 -13.1	-0.1 -12.4	4.7 l 5.8	10.9 14.3
Sales to other sectors	11	2.8	3.1	3.0	3.0	2.5	4.2	2.9
Federal consumption expenditures 1	12	6.5	5.8	4.3	-0.8	1.1	7.6	8.7
Gross output of general government Value added	13 14	6.6 3.9	5.8 5.8	4.4 3.5	-0.8 ! 2.8	1.3 3.9	8.0 6.0	8.9 -0.9
Compensation of general						ĺ	İ	
government employees Consumption of general	15	3.8	6.1	3.4	2.5	3.9	6.4	-2.4
government fixed capital 2	16	4.2	4.6	4.2	3.9	3.6	4.3	4.9
Intermediate goods and services purchased 3	17	10.1	5.8	5.5	-4.9	-1.8	10.7	21.8
Durable goods	18	17.1	5.7	29.4	-15.4	-11.5	12.2	18.6
Nondurable goods Services	19	6.4 9.8	11.3 5.0	-12.1 5.2	-21.8 -0.6	0.4 -0.8	17.5 9.5	32.9 20.7
Less: Own-account investment 4	21	7.6	3.8	8.7	-3.0	2.4 13.4	10.0	23.4
Sales to other sectors Defense consumption expenditures 1	22	17.3 6.5	7.1 5.3	11.9 7.9	2.2 -3.6	0.3	63.1 5.4	19.9 8.9
Gross output of general government	24	6.5	5.2	8.0	-3.6	0.3	5.3	8.9
Value added	25	4.0	6.1	7.0	3.9	2.3	2.1	1.9
government employees	26	3.9	6.6	7.9	3.8	1.9	1.3	0.9
Consumption of general government fixed capital 2	27	4.3	4.6	4.3	4.0	3.8	4.6	5.2
Intermediate goods and services								
purchased 3 Durable goods	28 29	9.5 17.4	4.2 5.3	9.1 30.6	-11.5 -16.5	-2.0 -13.2	9.3 12.0	17.4 17.7
Nondurable goods	30	1.9	4.8	48.0	-54.0	-2.4	14.7	19.2
ServicesLess: Own-account investment 4	31	9.1 4.6	3.9 4.1	1.9 7.5	-4.1 4.2	0.3 3.8	8.3 4.3	17.1 18.9
Sales to other sectors	33	13.2	-3.7	13.7	-8.5	5.6	-3.0	4.4
Nondefense consumption expenditures 1	34	6.7	6.9	-2.8	5.4	2.9	12.2	8.3
Gross output of general government	35	6.9	7.0	-2.4	5.3	3.2	13.7	8.9
Value added	36	3.8	5.2	-2.6	0.7	6.8	13.7	-6.0
government employees	37	3.8	5.3	-3.9	0.2	7.6	15.7	-7.7
Consumption of general government fixed capital 2	38	4.1	4.4	3.9	3.3	2.9	3.3	3.9
Intermediate goods and services							i	
purchased 3 Durable goods	39	11.7	9.6	-2.1 15.4	11.8 1.5	-1.6 13.4	13.8 15.6	31.8 30.3
Nondurable goods	41							
Commodity Credit Corporation inventory change	42							
Other nondurable goods	43	13.4	19.1	-21.9	5.2	11.0	17.3	40.8
Services Less: Own-account investment 4	44 45	11.5	7.4	12.9 9.6	7.3 -8.2	-3.0 1.3	12.3 14.6	28.5 26.9
Sales to other sectors		20.5	15.3	10.8	9.2	18.1	113.2	27.8
State and local consumption expenditures ¹ Gross output of general government		0.0	-0.7 0.1	-1.7 -0.8	-0.4 0.1	-1.1 -0.6	-0.9 -0.1	−1.4 −0.5
Value added			-0.2	-1.4	-0.2	-1.0	-0.3	-1.6
Compensation of general government employees	50	1.5	-0.7	-1.9	-0.5	-1.4	-0.7	-2.3
Consumption of general								
government fixed capital 2 Intermediate goods and services	İ	3.0	2.6	2.4	2.2	2.1	2.3	2.5
purchased 3		-1.5	0.6	0.3	0.8	0.2	0.4	1.8
Durable goods Nondurable goods	53 54	-1.3	0.9	-1.5 -0.5	-1.9 -0.8	-0.5 -0.5	1.2 0.5	1.7 1.1
ServicesLess: Own-account investment 4	55	-1.8	1.0	0.9	1.8	0.6 -15.7	0.3	2.2
Sales to other sectors	56 57	3.8 2.5	-0.4 3.0	-5.3 2.8	-15.4 3.1	2.3	4.8 2.9	12.1 2.4
Tuition and related	58	1		0.2	3.2	2.4	2.8	2.8
educational charges						4 4		
Health and hospital charges Other sales	59 60	3.7	3.2	2.8 4.5	2.7 3.5	2.4 2.0	2.8 3.1	2.8

Covernment consumption expenditures are services (such as education and national defense) produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction and software).
 Consumption of fixed capital, or depreciation, is included in government gross output as a partial measure of the services of general government fixed assets; the use of depreciation assumes a zero net return on these assets.
 Includes general government intermediate inputs for goods and services sold to other sectors and for own-account investment.

Government consumption expenditures are services (such as education and national defense) produced by government that are valued at their cost of production. Excludes government saies to other sectors and government own-account investment (construction and software).

2. Gross government investment consists of general government and government enterprise expenditures for fixed assets; inventory investment is included in government consumption expenditures.

Nors. Chained (2005) dollar series are calculated as the product of the chain-type quantity index and the 2005 current-toolar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

^{4.} Own-account investment is measured in current dollars by compensation of general government employees and related expenditures for goods and services and is classified as investment in structures and in software in table 3.9.5.

Table 3.10.3. Real Government Consumption Expenditures and General Government Gross Output, Quantity Indexes [Index numbers, 2005=100]

					Sea	sonally adjus	sted	
	Line	2008	2009	20	09		2010	
				III	IV	Ī	ll l	
Government consumption expenditures 1	. 1	104.824	106.797	107.282	107.140	107.093	107.764	108.486
Gross output of general government	. 2	104.874	106.999	107.482	107.430	107.447	108.188	108.949
Value added	. 3	104.199	105.851	105.971	106.162	106.300	106.740	106.363
Compensation of general government employees		103.211	104.497	104.559	104.645	104.677	105.039	104.432
Consumption of general government fixed capital 2	. 5	110.010	113.823	114.291	115.117	115.893	116.797	117.823
Intermediate goods and services purchased 3		105.992	108.904	110.007	109.543	109.355	110.605	113.284
Durable goods		124.676	129.719	135.311	131.359	128.680	131.296	135.292
Nondurable goods		102.139	104.263	104.744	103.294	103.216	104.125	105.856
Services		105.880	108.914	109.843	110.025	110.004	111.271	114.199
Less: Own-account investment 4		107.176 105.028	107.566 108.291	108.207 108.744	104.471 109.563	101.077 110.252	102.521 111.392	106.012 112.191
	1 1						1	
Federal consumption expenditures 1	. 12	108.888	115.204	116.828	116.599	116.932	119.086	121.592
Gross output of general government		108.593	114.893	116.517	116.293	116.660	118.939	121.496
Value added		104.625 ± 102.827	110.690 109.135	111.566 110.071	112.331 110.747	113.402	115.057	114,799 112,894
Compensation of general government employees Consumption of general government fixed capital ²		111.350	116.453	117.092	118.204	111.824 119.247	113.579 120.495	121.939
Intermediate goods and services purchased 3	17	113.788	120.396	123.018	121.491	120.927	124.031	130.297
Durable goods	18	138.440	146.344	155.944	149.561	145.082	149.333	155.840
Nondurable goods		101.524	113.000	115.711	108.820	108.921	113.393	121.751
Services		112.858	118.510	120.311	120.136	119.907	122.665	128.567
Less: Own-account investment 4		101.328	105.134	106.115	105.316	105.942	108.492	114.338
Sales to other sectors		87.389	93.613	95.652	96.183	99.245	112.148	117.364
Defense consumption expenditures 1		109,175	114.933	117.326	116.251	116.337	117.866	120.397
Gross output of general government		109.075	114.767	117.148	116.074	116.171	117.684	120.215
Value added		103.976	110.345	111.528	112.593	113.245	113.823	114,369
Compensation of general government employees	. 26	101.892	108.625	109.966	111.002	111.519	111.875	112,130
Consumption of general government fixed capital 2	27	110.697	115.830	116.472	117.632	118.742	120.080	121.622
Consumption of general government fixed capital ²	. 28	115.371	120.216	124.108	120.374	119.776	122.459	127.463
Durable goods	. 29	139.876	147.306	157.469	150.507	145.280	149,444	155.648
Nondurable goods	. 30	101.779	106.644	119.804	98.654	98.052	101.469	106.031
Services		113.289	117.746	119.616	118.386	118.479	120.851	125.724
Less: Own-account investment 4		97.563	101.581	102.786	103.857	104.833	105.949	110.634
Sales to other sectors		100.585	96.885	98.111	95.950	97.261	96.532	97.575
Nondefense consumption expenditures 1	. 34	108.284	115.768	115.800	117.321	118.171	121.627	124.080
Gross output of general government		107.611	115.155	115.248	116.743	117.659	121.502	124,113
Value added		105.832	111.319	111.618	111.819	113.680	117.381	115.591
Compensation of general government employees	. 37	104.414	109.985	110.224	110.283	112.324	116.507	114.187
Consumption of general government fixed capital 2	. 38	113.118	118.132	118.762	119.741	120.593	121.589	122.756
Intermediate goods and services purchased 3		110.222	120.804	120.592	124.011	123.523	127.575	136.682
Durable goods		122.313	135.906	138.782	139.296	143.754	149.071	159.275
Nondurable goods		i						
Other nondurable goods		99.960	119.071	116.388	117.860	120.972	125.900	137,132
Services		111.883	120.210	121.856	124.028	123.080	126.703	134.897
Less: Own-account investment 4		104.353	107.988	108.789	106.485	106.829	110.539	117.323
Sales to other sectors		79.934	92.136	94.702	96.817	100.924	121.946	129.664
State and local consumption expenditures 1		102.328	101.655	101.444	101.354	101.076	100.847	100.483
Gross output of general government	48	103.017	103.077	102.994	103.027	102.872	102.857	102.735
Value added	49	104.016	103.762	103.557	103.505	103.245	103.165	102.738
Compensation of general government employees		103.361	102.687	102.408	102.267	101.896	101,720	101.142
Consumption of general government fixed capital 2	. 51	108.966	111.821	112.164	112.779	113.359	114.009	114.728
Intermediate goods and services purchased 3	. 52	101.186	101.831	101.979	102.175	102.218	102.329	102.789
Durable goods	. 53	104.850	105.840	105.783	105.264	105.126	105.431	105.879
Nondurable goods		102.304	102.317	102.303	102.089	101.972	102.106	102.374
Services		100.310	101.286	101.534	101.997	102.141	102.227	102.795
Less: Own-account investment 4		108.601	108.177	108.736	104.298	99.944	101.125	104.054
Sales to other sectors.		105.585 103.501	108.762 104.760	109.170 104.630	109.999 105.461	110.618 106.094	111.413	112.084
Tuition and related educational charges	. 59	106.245	104.760	110.033	1105.461	111.434	106.837 112.214	107.584 113.000
Other sales		106.105	110.296	111.118	112.071	112.616	113.470	113.000

^{1.} Government consumption expenditures are services (such as education and national defense) produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction and software).

2. Consumption of fixed capital, or depreciation, is included in government gross output as a partial measure of the services of general government fixed assets; the use of depreciation assumes a zero net return on these assets.

3. Includes general government intermediate inputs for goods and services sold to other sectors and for own-account investment.

4. Own-account investment is measured in current dollars by compensation of general government employees and related expenditures for goods and services and is classified as investment in structures and in software in table 3.9.5.

Table 3.10.4. Price Indexes for Government Consumption Expenditures and General Government Gross Output [Index numbers, 2005=100]

	l i				Sea	sonally adjus	ted	
	Line	2008	2009	200	9		2010	
			;	Ш	IV	<u> </u>	H	III
Government consumption expenditures 1	1	114.929	114.166	114.300	114.864	116.365	116.599	116.686
Gross output of general government	2	114.776	114.577	114.741	115.376	116.790	117.124	117.281
Value added	3	113.415	115.761	115.857	116.086	117.185	117.638	117.939
Compensation of general government employees	4	113.389	115.971	116.166	116.465	117.720	118.206	118.533
Consumption of general government fixed capital 2	5	113.555	114.617	114.170	114.026	114.297	114.570	114.731
Intermediate goods and services purchased 3	6	117.008	112.668	112.943	114.230	116.154	116.297	116.225
Durable goods		103.558	104.368	104.257	104.470	104.508	104.613	104.601
Nondurable goods		131.375	110.168	111.607	115.704	121.466	120.481	119.335
Services		113.152	114.231	114.138	114.568	115.367	115.903	116.193 116.157
Less: Own-account investment 4		112.275	113.798	114.061	114.588	115.447	115.931	
Sales to other sectors		113.956	117.339	117.691	118.792	119.694	120.660	121.258
ederal consumption expenditures 1		112.078	111.885	111.736	112.188	113.600	113.869	114.011
Gross output of general government		112.053	111.868	111.728	112.185	113.588	113.859	114.003
Value added	14	112.645	113.596	112.997	113.332	115.099	115.007	115.144
Compensation of general government employees	15	114.018	115.446	114.754	115.157	117.357	117.193	117.385
Consumption of general government fixed capital 2	16	107.855	107.180	106.904	107.006	107.287	107.446	107.395
Intermediate goods and services purchased 3	17	111.266	109.738	110.133	110.731	111.697	112.403	112.557
Durable goods		102.645	103.126	103.045	103.238	103.372	103.412	103.468
Nondurable goods		128.795	109.129	111.468	113.946	115.288	116.194	116.062
Services		109.969	110.696	110.887	111.291	112.327	113.102	113.311
Less: Own-account investment 4		110.741	112.407	112.524	112.968	114.090	114.505	114.528
Sales to other sectors	1 1	110.289	109.878	110.405	111.319	111.918	112.339	112.743
Defense consumption expenditures 1		113.091	112.240	112.059	112.522	114.191	114.555	114.720
Gross output of general government	24	113.073	112.245	112.067	112.529	114.190	114.560	114.724
Value added	25	114.095	114.539	113.817	114.114	116.277	116.312	116.443
Compensation of general government employees	26	115.789	116.620	115.692	116.070	118.835	118.794	119.013
Consumption of general government fixed capital 2	27	109.014	108.333	108.215	108.275	108.656	108.915	108.788
Intermediate goods and services purchased 3	28	111.818	109.596	110.009	110.648	111.740	112.488	112.689
Durable goods		103.451	104.108	104.040	104.190	104.332	104.405	104.461
Nondurable goods		143.222	108.848	112.911	117.608	119.932	122.540	122.635
Services		109.996	110.471	110.610	110.941	112.103	112.807	113.046
Less: Own-account investment 4	32	111.725	113.007	113.254	113.774	114.943	115.938	115.602
Sales to other sectors	1	110.944	112.930	112.910	113.057	113.773	114.758	115.144
Nondefense consumption expenditures 1		110.000	111.156	111.067	111.496	112.389	112.466	112.564
Gross output of general government		109.996	111.107	111.038	111.486	112.374	112.452	112.558
Value added		110.009	111.879	111.504	111.909	112.944	112.625	112.772
Compensation of general government employees	37	111.099	113.511	113.203	113.650	114.904	114.539	114.686
Consumption of general government fixed capital 2	. 38	104.797	104.141	103.450	103.660	103.678	103.574	103.722
Intermediate goods and services purchased 3	39	109.982	110.051	110.398	110.900	111.590	112.205	112.259
Durable goods	40	93.580	91.976	91.760	92.457	92.492	92.186	92.243
Nondurable goods	41		!				·····	
Commodity Credit Corporation inventory change	42							
Other nondurable goods		113.402	108.247	108.885	109.100	109.588	109.027	108.714
Services		109.912	111.208	111.515	112.077	112.842	113.771	113.915
Less: Own-account investment 4		109.973 109.709	111.925 107.579	111.948 108.402	112.337 109.737	113.422 110.268	113.390 110.406	113.684 110.813
Sales to other sectors								
itate and local consumption expenditures 1	47	116.766	115.608	115.943	116.587	118.148	118.356	118.401
Gross output of general government	48	116.192	115.985	116.322	117.058	118.477	118.847	119.01
Value added		113.750	116.733	117.154	117.334	118.111	118.828	119.210
Compensation of general government employees	. 50	113.146	116.191	116.754	117.009	117.861	118.628	119.014
Consumption of general government fixed capital 2	51	118.293	120.830	120.238	119.885	120.146	120.517	120.864
Intermediate goods and services purchased 3	52	120.897	114.456	114.637	116.457	119.115	118.817	118.562
Durable goods	53	105.153	106.608	106.437	106.690	106.535 122.903	106.770	106.616
Nondurable goods		131.934	110.366	111.566	116.062		121.446	120.034
Services		115.876	117.287	116.918	117.372	117.938	118.237	118.607
Less: Own-account investment 4	56	112.616	114.105	114.401	114.949	115.741	116.244	116.523
Sales to other sectors Tuition and related educational charges		114.049 120.466	117.532 127.700	117.876 128.877	118.981 130.434	119.891 132.063	120.873 134.185	121.476 135.434
Health and hospital charges		110.826	114.002	114.359	115.556	116.302	117.086	117.666
		110.020	114.002	114.009	110.000	110.002		117.000

^{1.} Government consumption expenditures are services (such as education and national defense) produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction and software).

2. Consumption of fixed capital, or depreciation, is included in government gross output as a partial measure of the services of general government fixed assets; the use of depreciation assumes a zero net return on

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 Own-account investment is measured in current dollars by compensation of general government employees and related expenditures for goods and services and is classified as investment in structures and in software in table 3.9.5.

Table 3.10.5. Government Consumption Expenditures and General Government Gross Output [Billions of dollars]

					Seasonally a	adjusted at ar	nual rates	
	Line	2008	2009	200	9		2010	
			Ī	III	IV	ı	II	III
Government consumption expenditures 1	. 1	2,382.8	2,411.5	2,425.3	2,434.0	2,464.7	2,485.2	2,503.7
Gross output of general government	2	2,767.8	2,819.0	2,835.7	2,850.0	2,885.4	2,913.6	2,938.0
Value added		1,697.6	1,760.2	1,763.6	1,770.3	1,789.4	1,803.7	1,802.0
Compensation of general government employees		1,436.9	1,487.9	1,491.3	1,496.4	1,512.9	1,524.5	1,519.8
Consumption of general government fixed capital 2		260.7	272.3	272.3	274.0	276.5	279.3	282.1
Intermediate goods and services purchased 3	6	1,070.2	1,058.8	1,072.1	1,079.7	1,096.0	1,109.9	1,136.1
Durable goodsNondurable goods		70.5 291.9	73.9	77.0	74.9	73.4	75.0	77.3
Services		707.8	249.9 735.0	254.3 740.7	260.0	272.8	272.9	274.8
Less: Own-account investment 4		28.6	29.1	29.4	744.7 28.5	749.8 27.8	762.0	784.0
Sales to other sectors	11	356.4	378.4	381.1	387.5	392.9	28.3 400.2	29.3 405.1
Federal consumption expenditures 1		934.6	987.1	999.7	1,001.8	1,017.3	1,038.5	1,061.7
Gross output of general government		948.6	1,002.0	1,014.9	1,017.0	1,033.0	1,055.7	1,079.8
Value added Compensation of general government employees		517.1 403.8	551.7 434.0	553.1 435.1	558.6 439.3	572.7 452.1	580.6	580.0 456.5
Consumption of general government fixed capital ²	16	113.2	117.7	435.1 118.0	119.3	120.6	458.5 122.1	456.5 123.5
Intermediate goods and services purchased 3	17	431.5	450.3	461.7	458.5	460.3	475.1	499.8
Durable goods	18	45.9	48.8	52.0	49.9	48.5	49.9	52.1
Nondurable goods	19	53.1	50.1	52.4	50.4	51.0	53.5	57.4
Services		332.5	351.4	357.4	358.2	360.8	371.7	390.3
Less: Own-account investment 4	21	5.2	5.5	5.5	5.5	5.6	5.8	6.1
Sales to other sectors		8.8	9.4	9.6	9.7	10.1	11.5	12.0
Defense consumption expenditures 1	! !	635.7	664.1	676.9	673.5	684.0	695.2	711.1
Gross output of general government		641.6	670.1	682.9	679.5	690.1	701.3	717.4
Value added		337.4	359.4	361.0	365.4	374.5	376.6	378.8
Compensation of general government employees.	26	254.5	273.3	274.5	278.0	285.9	286.7	287.9
Consumption of general government fixed capital 2	27	82.9	86.2	86.6	87.5	88.6	89.8	90.9
Intermediate goods and services purchased 3	28	304.2	310.7	321.9	314.0	315.6	324.8	338.7
Durable goods	29	42.8	45.3	48.4	46.3	44.8	46.1	48.0
Nondurable goods		30.5	24.2	28.2	24.2	24.6	26.0	27.1
Services		231.0	241.1	245.3	243.5	246.2	252.7	263.5
Less: Own-account investment 4		2.2	2.4	2.4	2.4	2.5	2.5	2.6
Sales to other sectors		3.7	3.6	3.7	3.6	3.7	3.7	3.7
Nondefense consumption expenditures 1	34	299.0	323.0	322.8	328.3	333.3	343.3	350.6
Gross output of general government	35	307.0	331.9	331.9	337.6	342.9	354.4	362.3
Value added		179.7	192.2	192.1	193.1	198.2	204.0	201.2
Compensation of general government employees	37	149.3	160.7	160.6	161.4	166.2	171.8	168.6
Consumption of general government fixed capital 2	38	30.4	31.5	31.5	31.8	32.0	32.3	32.6
Intermediate goods and services purchased 3	39 40	127.3	139.6	139.8	144.4	144.8	150.3	161.1
Durable goodsNondurable goods		3.2 22.7	3.5 25.8	3.5 24.1	3.6	3.7 26.5	3.8	4.1
Commodity Credit Corporation inventory change	42	-0.3	-0.3	-1.5	26.1	-0.4	27.6 -0.3	30.3 0.0
Other nondurable goods	43	23.0	26.1	25.7	26.1	26.9	27.8	30.2
Services		101.5	110.3	112.1	114.7	114.6	118.9	126.8
Less: Own-account investment 4		3.0	3.1	3.2	3.1	3.1	3.2	3.5
Sales to other sectors		5.1	5.7	5.9	6.2	6.4	7.8	8.3
State and local consumption expenditures 1		1,448.2	1,424.4	1,425.6	1,432.2	1,447.4	1.446.7	1.442.0
Gross output of general government	48	1.819.2	1,817.0	1,820.9	1.833.0	1.852.4	1,857.9	1.858.3
Value added		1.180.5	1,208.5	1,210.5	1,211.7	1,216.7	1,223.1	1,222.0
Compensation of general government employees		1,033.1	1,053.9	1,056.2	1,057.1	1,060.9	1,065.9	1,063.3
Consumption of general government fixed capital 2	51	147.5	154.6	154.3	154.7	155.8	157.2	158.6
Intermediate goods and services purchased 3	52	638.7	608.5	610.4	621.3	635.7	634.8	636.3
Durable goods		24.6	25.1	25.1	25.0	24.9	25.1	25.1
Nondurable goods		238.8	199.8	202.0	209.7	221.8	219.4	217.4
Services	55	375.3	383.6	383.3	386.6	389.0	390.3	393.7
Less: Own-account investment 4	56	23.4	23.6	23.8	23.0	22.1	22.5	23.2
Sales to other sectors	57	347.6	369.0	371.5	377.8	382.8	388.7	393.0
Tuition and related educational charges		76.3	81.8 165.4	82.5	84.1	85.7	87.7	89.1
Other sales	60	155.8 115.6	121.8	166.5 122.5	169.3 124.3	171.5 125.7	173.8 127.2	175.9 128.0
Onto sales	00	110.0	121.0	122.3	124.3	123.7	121.2	120.0

^{1.} Government consumption expenditures are services (such as education and national defense) produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction and software).

2. Consumption of fixed capital, or depreciation, is included in government gross output as a partial measure of the services of general government fixed assets; the use of depreciation assumes a zero net return on these assets.

3. Includes general government intermediate inputs for goods and services sold to other sectors and for own-account investment.

4. Own-account investment is measured in current dollars by compensation of general government employees and related expenditures for goods and services and is classified as investment in structures and in software in table 3.9.5.

Table 3.10.6. Real Government Consumption Expenditures and General Government Gross Output, Chained Dollars [Billions of chained (2005) dolfars]

					Seasonally a	idjusted at an	nnual rates	
	Line	2008	2009	200	9		2010	
	1 1 2 3 4 4 5 5 6 6 7 7 8 8 9 9 10 11 12 12 13 13 14 4 14 15 15 16 16 17 17 18 18 15 16 16 17 17 18 18 17 17 18 18 17 17 18 18 17 18 18 17 18 18 18 18 18 18 18 18 18 18 18 18 18			IR	IV	ı	II	III
Government consumption expenditures 1	1	2,073.3	2,112.3	2,121.9	2,119.1	2,118.1	2,131.4	2,145.
Gross output of general government		2,411.5	2,460.4	2,471.5	2,470.3	2,470.7	2,487.7	2,505.
Value added		1,496.8	1,520.5	1,522.2	1,525.0	1,527.0	1,533.3	1,527.
Compensation of general government employees		1,267.2	1,283.0	1,283.8	1,284.8	1,285.2	1,289.7	1,282.
Consumption of general government fixed capital 2	! 5	229.6	237.5	238.5	240.2	241.9	243.7	245.
Intermediate goods and services purchased 3	9	914.7	939.8 70.8	949.3	945.3 71.7	943.7 70.3	954.5 71.7	977 73
Durable goods		68.1 222.2	226.8	73.9 227.9	224.7	224.6	226.5	230
Services		625.5	643.5	649.0	650.0	649.9	657.4	674
Less: Own-account investment 4		25.5	25.6	25.7	24.8	24.0	24.4	25.
Sales to other sectors		312.8	322.5	323.8	326.3	328.3	331.7	334
		833.9	882.3	894.7	893.0	895.5	912.0	931
ederal consumption expenditures 1				908.3			927.2	931.
Gross output of general government		846.6 459.0	895.7 485.6	489.5	906.6 492.8	909.4 497.5	504.8	503.
Value added	14	354.2	375.9	379.1	381.5	385.2	391.2	388
Compensation of general government fixed conital ?	15	105.0	109.8	110.4	111.5	112.4	113.6	300 115
Consumption of general government fixed capital ² Intermediate goods and services purchased ³	10	387.8	410.3	419.3	414.1	412.2	422.7	444
Durable goods	18	44.8	47.3	50.4	48.4	46.9	48.3	50
Nondurable goods		41.2	45.9	47.0	44.2	44.2	46.1	49.
Services		302.3	317.5	322.3	321.8	321.2	328.6	344
Less: Own-account investment 4		4.7	4.9	4.9	4.9	4.9	5.0	5
Sales to other sectors		7.9	8.5	8.7	8.7	9.0	10.2	10
Defense consumption expenditures 1		562.1	591.7	604.0	598.5	598.9	606.8	619
Gross output of general government		567.4	597.0	609.4	603.8	604.3	612.2	625
Value added	25	295.7	313.8	317.2	320.2	322.1	323.7	325
Compensation of general government employees.	26	219.8	234.3	237.2	239.4	240.6	241.3	241
Consumption of general government fixed capital 2	27	76.0	79.6	80.0	80.8	81.6	82.5	83
Intermediate goods and services purchased 3	28	272.0	283.5	292.7	283.8	282.4	288.8	300.
Durable goods	29	41.3	43.5	46.5	44.5	42.9	44.2	46
Nondurable goods		21.3	22.3	25.0	20.6	20.5	21.2	22.
Services		210.0	218.3	221.7	219.4	219.6	224.0	233
Less: Own-account investment 4	32	2.0	2.1	2.1	2.1	2.2	2.2	2
Sales to other sectors		3.3	3.2	3.2	3.2	3.2	3.2	3
Nondefense consumption expenditures 1		271.8	290.6	290.7	294.5	296.6	305.3	311
Gross output of general government		279.1	298.7	298.9	302.8	305.2	315.1	321.
Value added	36	163.4	171.8	172.3	172.6	175.5	181.2	178
Compensation of general government employees	37	134.4	141.6	141.9	142.0	144.6	150.0	147
Consumption of general government fixed capital 2	38	29.0	30.3	30.4	30.7	30.9	31.1	31
Intermediate goods and services purchased 3		115.8	126.9	126.7	130.2	129.7	134.0	143
Durable goods		3.4	3.8	3.9	3.9	4.0	4.1	4
Nondurable goods		20.1	23.9	22.4	24.0	24.2	25.3	27
Commodity Credit Corporation inventory change		-0.2	-0.2	-1.2	0.1	-0.3	-0.2	0
Other nondurable goods		20.3	24.1	23.6	23.9	24.5	25.5	27
Services Less: Own-account investment 4		92.3	99.2 2.8	100.6 2.8	102.3	101.6 2.8	104.6 2.9	111
Sales to other sectors		2.7 4.6	5.3	5.5	5.6	5.8	7.1	7
	1 1						I	
tate and local consumption expenditures 1	47	1,240.2	1,232.1	1,229.5	1,228.4	1,225.1	1,222.3	1,217
Gross output of general government	48	1,565.7	1,566.6	1,565.4	1,565.9	1,563.5	1,563.3	1,561
Value added		1,037.8	1,035.3	1,033.2	1,032.7	1,030.1	1,029.3	1,025
Compensation of general government employees		913.0	907.1	904.6	903.4	900.1	898.5	893
Consumption of general government fixed capital 2	51 52	124.7 528.3	127.9 531.7	128.3 532.5	129.0 533.5	129.7 533.7	130.4 534.3	131 536
Durable goods		23.3	23.6	23.6	23.4	23.4	23.5	23
Nondurable goods		181.0	181.0	181.0	180.6	180.4	180.7	181
Services		323.9	327.1	327.9	329.4	329.8	330.1	331
Less: Own-account investment 4		20.8	20.7	20.8	20.0	19.1	19.4	19
Sales to other sectors		304.8	314.0	315.2	317.6	319.3	321.6	323
Tuition and related educational charges		63.3	64.1	64.0	64.5	64.9	65.3	65
Health and hospital charges	59	140.6	145.1	145.6	146.6	147.4	148.5	149
Other sales		101.0	105.0	105.8	106.7	107.2	108.0	108
	61	-1.9	-2.9					

^{1.} Government consumption expenditures are services (such as education and national defense) produced by government that are valued at their cost of production. Excludes government sales to other sectors and government of investment (construction and software).

2. Consumption of fixed capital, or depreciation, is included in government gross output as a partial measure of the services of general government fixed assets; the use of depreciation assumes a zero net return on these assets.

3. Includes general government intermediate inputs for goods and services sold to other sectors and for own-account investment.

4. Own-account investment is measured in current dollars by compensation of general government employees and related expenditures for goods and services and is classified as investment in structures and in software in table 3.9.5.

Norz: Chained (2005) dollar series are calculated as the product of the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Table 3.11.1. Percent Change From Preceding Period in Real National Defense Consumption **Expenditures and Gross Investment by Type**

		2008	2009	Seasonally adjusted at annual rates				
	Line			2009		2010		
				III	IV	ı	II	
National defense consumption expenditures and gross investment	1	7.5	5.4	9.0	-2.5	0.4	7.4	8.5
Consumption expenditures 1	2	6.5	5.3	7.9	-3.6	0.3	5.4	8.9
Gross output of general government	3	6.5	5.2	8.0	-3.6	0.3	5.3	8.9
Value added		4.0	6.1	7.0	3.9	2.3	2.1	1.9
Compensation of general government employees	5	3.9	6.6	7.9	3.8	1.9	1.3	0.9
Military		4.5	7.7	7.5	-0.3	1.9	0.0	-1.8
Civilian		2.6	4.2	8.8	13.7	1.7	4.2	7.2
Consumption of general government fixed capital 2		4.3	4.6	4.3	4.0	3.8	4.6	5.2
Intermediate goods and services purchased 3		9.5	4.0	9.1	-11.5	-2.0	9.3	17.4
Durable goods		17.4		30.6				
Durable goods	10		5.3		-16.5	-13.2	12.0	17.7
Aircraft		12.3	16.3	22.8	32.6	-49.2	32.4	27.4
Missiles	12	2.7	-1.1	108.6	-49.8	-15.1	40.6	22.5
Ships	13	-31.6	-12.3	17.2	-76.9	206.6	20.6	32.9
Vehicles	14	29.9	11.1	35.4	4.9	2.1	7.2	-37.5
Electronics	15	38.4	2.1	30.7	-38.5	31.5	–10.3 į	7.6
Other durable goods	16	16.0	-2.0	13.7	-26.0	5.3	3.9	40.8
Nondurable goods	17	1.9	4.8	48.0	~54.0	-2.4	14.7	19.2
Petroleum products		-1.5	1.4	103.2 j	-63.1	-25.5	43.6	77.3
Ammunition	19	2.4	-5.6	-13.7	15.1	3.9	4.4	-43.1
Other nondurable goods		8.0	15.5	30.6	-59.5	30.9	-8.9	-5.2
Services	21	9.1	3.9	1.9	-4.1	0.3	8.3	17.1
Research and development	22	3.6	-2.1	-5.8	-7.6	-0.2	-1.1	-0.6
Installation support	23	10.6	9.5	-1.9	-9.6	-7.7	-1.3	18.1
Weapons support	24	14.2	8.4	14.3	-16.6	-20.9	29.7	31.7
Personnel support	25	19.4	8.0	5.4	-0.2	14.9	19.1	25.3
Transportation of material	26	-16.6	-31.4	-1.0	140.7	34.7	-18.8	28.6
Travel of persons	27	~20.0	8.2	-5.9	-4.4	-30.3	-28.7	-14.9
Less: Own-account investment 4	28	4.6	4.1	7.5	4.2	3.8	4.3	18.9
Sales to other sectors	29	13.2	-3.7	13.7	-8.5	5.6	-3.0	4.4
			I			- 1		
Gross investment 5		14.4	6.0	15.6	4.5	0.7	20.4	6.6
Structures	31	9.3	40.1	184.0	11.3	3.5	0.5	19.9
Equipment and software		15.1	1.7	-0.6	3.3	0.2	24.5	4.3
Aircraft	33	1.7	5.8	-52.4	126.6	-15.7	120.8	-2.3
Missiles	34	-7.3	23.2	65.3	-23.4	11.5	44.8	-6.6
Ships	35	-0.5	6.8	−5.3	53.9	-47.7	15.0	29.0
Vehicles	36	47.2	-4.4	17.1	-17.5	34.5	6.1 j	-11.4
Electronics and software	37	25.2	1.6	20.0	-19.4	21.6	-2.9	12.0
Other equipment	38	18.0	-2.7	9.5	-18.2	10.0	13.1	2.9

^{1.} National defense consumption expenditures are defense services produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction and software).

2. Consumption of fixed capital, or depreciation, is included in government gross output as a partial measure of the services of general government fixed assets; the use of depreciation assumes a zero net return on these assets.

^{2.} Consumption in New Continuous of New Continuous Cont

Table 3.11.3. Real National Defense Consumption Expenditures and Gross Investment by Type, Quantity Indexes

[Index numbers, 2005=100]

			l	Seasonally adjusted					
	Line	2008	2009	2009		2010			
				Ш	IV	1	II	m	
National defense									
consumption expenditures	ĺ.								
and gross investment	1	111.653	117.648	120.237		119.582	121.732	124.253	
Consumption expenditures 1	2	109.175	114.933	117.326	116.251	116.337	117.866	120.397	
Gross output of general	1 _			<u>.</u> <u>.</u>					
government	3	109.075	114.767	117.148	116.074	116.171	117.684	120.215	
Value added	4	103.976	110.345	111.528	112.593	113.245	113.823	114.369	
Compensation of general	_	404 000	400.005			444.540	444.075	440 400	
government employees	5	101.892	108.625	109.966	111.002	111.519	111.875	112.130	
Military	6	101.205	109.008	110.675	110.588	111.123	111.126	110.613 115.421	
CivillanConsumption of general	_ ′	103.352	107.664	108.286	111.012	112.200	113.430	115.421	
government fixed capital 2	8	110.697	115.830	116.472	117.632	118.742	120.080	121.622	
Intermediate goods and	1	110.037	113.000	110.472	117.002	110.142	120.000	121.022	
services purchased 3	9	115.371	120.216	124,108	120.374	119.776	122.459	127,463	
Durable goods	10	139.876	147.306	157.469	150.507	145.280	149.444	155.648	
Aircraft	11	116.217	135.139	138.061	148.151	125.051	134.133	142.507	
Missiles	1 12	135.149		154.189	129.759	124.544	135.624	142.687	
Ships	13	54,445	47.740	54.240	37.609	49.768	52.155	55.994	
Vehicles	14	266.541	296.029	336.485	340.549	342.355	348.363	309.695	
Electronics	15	198.355	202.500	221.823	196.459	210.397	204.758	208.526	
Other durable goods	16	131.720	129.075	134.597	124.853	126.483	127.691	139.085	
Nondurable goods	17	101.779	106.644	119.804	98.654	98.052	101.469	106.031	
Petroleum products	18	98.347	99.720	117.226	91.352	84.860	92.900	107.196	
Ammunition	19	94.160	88.927	89.098	92.286	93.172	94.190	81.809	
Other nondurable goods	20	113.385	130.970	146.072	116.545	124.664	121.780	120.170	
Services	21	113.289	117.746	119.616	118.386	118.479	120.851	125.724	
Research and	l	. .				l			
development	22	101.906	99.777	100.718	98.746	98.688	98.426	98.272	
Installation support	23	106.866	117.020	118.565	115.610	113.308	112.926	117.712	
Weapons support	24	117.490	127.339	133.669	127.720	120.456	128.536	137.692	
Personnel support	25	131.688	142.232	144.557	144.471	149.579	156.245	165.296	
Transportation of material	26	120.375	82.626	76.578	95.384	102.749	97.532	103.871	
Travel of persons	27	74.872	80.983	80.970	80.071	73.155	67.224	64.574 110.634	
Less: Own-account investment 4 Sales to other sectors	28 29	97.563	101.581 96.885	102.786 98.111	103.857 95.9 5 0	104.833 97.261	105.949 96.532	97.575	
	1			1			1	l	
Gross investment 5	30	129.524	137.252	141.271	142.838	143.089	149.875	152.300	
Structures	31	128.929	180.681	201.764	207.231	209.013		218.946	
Equipment and software	32	129.558	131.719	133.577	134.652	134.711	142.306	143.823	
Aircraft	33	98.404	104.096	94.516	115.958	111.097	135.431	134.634	
Missiles	34	97.595 91.352	120.268	132.107 95.380	123.591 106.242	127.003 90.354	139.326 93.562	136.961 99.708	
Ships Vehicles	36	229.040	218.858	228.171	217.488	234.227	237.712	230.630	
Electronics and software	37	166.074	168.658	177.955	168.639	177.072	175.775	180.826	
Other equipment	38	134.981	131.342	135.037	128,431	131.516	135.636	136.599	
Outer equipment		107.301	101.042	100.007	120.401	.51.510	.00.000	1.00.033	

National defense consumption expenditures are defense services produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction and software).
 Consumption of fixed capital, or depreciation, is included in government gross output as a partial measure of the services of general government fixed assets; the use of depreciation assumes a zero net return on these assets.
 Includes general government intermediate inputs for goods and services sold to other sectors and for own-account investment.

Table 3.11.4. Price Indexes for National Defense Consumption **Expenditures and Gross Investment by Type**

			2009	Seasonally adjusted					
	Line	2008		2009		2010		_	
				III	IV	Ī	В	III	
National defense									
consumption expenditures and gross investment	1	112.109	111.342	111.153	111.590	113 046	113.377	113 508	
_									
Consumption expenditures 1	2	113.091	112.240	112.059	112.522	114.191	114.555	114.720	
Gross output of general	3	113.073	112.245	112.067	112.529	114,190	114.560	114.724	
governmentValue added	4	114.095	114.539	113.817	114,114	116.277	116.312		
Compensation of general	4	114.033	114.559	113.017	114.114	110.277	110.512	110.443	
government employees	5	115.789	116.620	115.692	116.070	118.835	118.794	119.013	
Military	6	118.093	118.171	117.030	117.262	120.676	120.688	120.977	
Civilian	7	110.972	113.407	112.942	113.633	115.024	114.869	114.945	
Consumption of general	'	110.572	110.407	112.542	110.000	110.024	177.003	117.373	
government fixed capital 2	8	109.014	108.333	108.215	108.275	108.656	108.915	108.788	
Intermediate goods and	ľ	100.011	100.000	100.2.0	100.270	100.000	100.010	10000	
services purchased 3	9	111.818	109.596	110.009	110.648	111,740	112,488	112.689	
Durable goods	10	103.451	104.108	104.040	104.190	104.332	104.405	104.461	
Aircraft	11	101.701	102.088	101.831	101.799	102.027	102.085	102.252	
Missiles	12	107.006		107.814	107.561	107.940	108.322	108.189	
Ships	13	107.541	109.288	108.943	110.133	109,416	109.404	109.664	
Vehicles	14	103.600	105.252	105.104	105.403	105.367	104.777	104.636	
Electronics	15	102.152	101.680	101.634	101.943	102.019	102.138	101.935	
Other durable goods	16	104.422	106.197	106.378	106.694	106.805	106.980	107.298	
Nondurable goods	17	143.222	108.848	112.911	117.608	119.932	122.540	122.635	
Petroleum products	18	177.225	102.328	111.231	121.210	125.238	130.656	130.694	
Ammunition	19	119.092	116.982	116.906	117.017	118.822	119.998	120.180	
Other nondurable goods	20	108.649	109.812	110.130	110.443	111.096	111.274	111.400	
Services	21	109.996	110.471	110.610	110.941	112.103	112.807	113.046	
Research and							I		
development	22	110.733	111.874	111.801	112.227	113.382	113.841	114.322	
Installation support	23	110.839	110.061	110.598	110.809	113.190	114.044	113.417	
Weapons support	24	107.264	109.069	109.100	109.047	110.187	110.461	111.054	
Personnel support	25	108.307	109.909		110.190	110.665	110.952	111.236	
Transportation of material	26	115.010	104.111	103.842	106.694	108.981	113.903	115.125	
Travel of persons	27	118.531	115.328	116.287	118.728	119.669	124.340	124.450	
Less: Own-account investment 4	28	111.725	113.007	113.254	113.774	114.943	115.938	115.602	
Sales to other sectors	29	110.944	112.930	112.910	113.057	113.773	114.758	115.144	
Gross investment 5	30	105.781	105.507	105.274	105.559	105.807	105.950	105.890	
Structures	31	117.998	118.453		117.325	117.171	116.575	116.873	
Equipment and software	32	104.450	104.073	103.952	104.297	104.616	104.885	104.765	
Aircraft	33	102.945	103.497	103.391	103.166	103.500	103.990	104.013	
Missiles	34	104.457	105.308		106.131	106.658	107.318	107.060	
Ships	35	123.044	116.338	116.257	118.375	120.550	122.650	121.839	
Vehicles	36	104.756	107.256	106.773	106.970	106.870	106.130	105.445	
Electronics and software	37	96.019	94.084	93.730	93.711	93.607	93.380	92.993	
Other equipment	38	103.773	104.993	105.070	105.388	105.491	105.686	106.079	

National defense consumption expenditures are defense services produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction and software).
 Consumption of fixed capital, or depreciation, is included in government gross output as a partial measure of the services of general government fixed assets; the use of depreciation assumes a zero net return on these assets.
 Includes general government intermediate inputs for goods and services sold to other sectors and for own-account investment.

Includes general government intermediate imputs to govern
 investment.

 A Own-account investment is measured in current dollars by compensation of general government employees and related expenditures for goods and services and is classified as investment in structures and in software.
 5. Gross government investment consists of general government and government enterprise expenditures for fixed assets; inventory investment is included in government consumption expenditures.

investment.

4. Own-account investment is measured in current dollars by compensation of general government employees and related expenditures for goods and services and is classified as investment in structures and in software.

5. Gross government investment consists of general government and government enterprise expenditures for fixed assets; inventory investment is included in government consumption expenditures.

Table 3.11.5. National Defense Consumption Expenditures and Gross Investment by Type

[Billions of dollars]

			2009	Seasonally adjusted at annual rates				
	Line	2008		2009				
				III	IV	T	Н	Ш
National defense								
consumption expenditures	ادا	707.0	774.0	707.0	705.4	700 0	040.0	000.0
and gross investment	1	737.3	771.6	787.3	785.4	796.3	813.0	830.8
Consumption expenditures 1	2	635.7	664.1	6 76.9	673.5	684.0	695.2	711.1
Gross output of general	ا ا	044.0	070 4	000.0	670.5	000 4	704.0	747.4
government	3 4	641.6 337.4	670.1 359.4	682.9 361.0	679.5 365.4	690.1 374.5	701.3 376.6	717.4 378.8
Value added Compensation of general	4	337.4	359.4	301.0	305.4	3/4.5	3/0.0	3/0.0
government employees	5	254.5	273.3	274.5	278.0	285.9	286.7	287.9
Military	6	175.7	189.4	190.5	190.7	197.2	197.2	196.8
Civilian	7	78.7	83.8	84.0	87.2	88.7	89.5	91.1
Consumption of general	'	, 0.,	55.0	54.0	0,.2	33.7	55.5	V
government fixed capital 2	8	82.9	86.2	86.6	87.5	88.6	89.8	90.9
Intermediate goods and	-				****	-	****	
services purchased 3	9	304.2	310.7	321.9	314.0	315.6	324.8	338.7
Durable goods	10	42.8	45.3	48.4	46.3	44.8	46.1	48.0
Aircraft	11	12.7	14.8	15.1	16.2	13.7	14.7	15.7
Missiles	12	4.7	4.7	5.4	4.6	4.4	4.8	5.0
Ships	13	0.8	0.7	0.8	0.6	0.8	0.8	0.8
Vehicles	14	3.1	3.5	4.0	4.0	4.1	4.1	3.6
Electronics	15	10.9	11.1	12.1	10.8	11.5	11.2	11.4
Other durable goods	16	10.5	10.5	11.0 28.2	10.2 24.2	10.4 24.6	10.5 26.0	11.4
Nondurable goods Petroleum products	18	30.5 17.6	10.3	13.1	11.1	10.7	12.2	27.1 14.1
Ammunition	19	4.5	4.1	4.1	4.3	4.4	4.5	3.9
Other nondurable goods	20	8.4	9.8	11.0	8.8	9.5	9.3	9.1
Services	21	231.0	241.1	245.3	243.5	246.2	252.7	263.5
Research and	-1	201.0	241.1	240.0	240.0	240.2	202.7	200.0
development	22	60.9	60.2	60.7	59.8	60.4	60.4	60.6
Installation support	23	41.8	45.5	46.3	45.3	45.3	45.5	47.2
Weapons support	24	30.7	33.8	35.5	33.9	32.4	34.6	37.3
Personnel support	25	79.6	87.3	88.8	88.9	92.4	96.8	102.6
Transportation of material	26	10.7	6.6	6.1	7.8	8.6	8.5	9.2
Travel of persons	27	7.3	7.7	7.7	7.8	7.2	6.8	6.6
Less: Own-account investment 4	28	2.2	2.4	2.4	2.4	2.5	2.5	2.6
Sales to other sectors	29	3.7	3.6	3.7	3.6	3.7	3.7	3.7
Gross investment 5	30	101.7	107.5	110.4	111.9	112.4	117.9	119.7
Structures	31	11.3	15.9	17.7	18.1	18.3	18.2	19.1
Equipment and software	32	90.3	91.5	92.7	93.8	94.1	99.7	100.6
Aircraft	33	13.7	14.6	13.2	16.2	15.6	19.0	18.9
Missiles	34	4.1	5.1	5.6	5.3	5.4	6.0	5.9
Ships	35	11.0	11.1	10.9	12.3	10.7	11.3	11.9
Vehicles Electronics and software	36	9.3	9.1	9.4	9.0	9.7	9.8	9.4
Other equipment	37	20.2 32.1	20.1 31.6	21.1 32.5	20.0	21.0	20.8 32.8	21.3 33.2
Outer equipment		JE. 1	51.0	JZ.5	31.0	J1.0	JZ.0	JJ.Z

^{1.} National defense consumption expenditures are defense services produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction and software).
2. Consumption of fixed capital, or depreciation, is included in government gross output as a partial measure of the services of general government fixed assets; the use of depreciation assumes a zero net return on these assets.
3. Includes general government intermediate inputs for goods and services soid to other sectors and for own-account investment.
4. Own-account investment is measured in current dollars by compensation of general government employees and related expenditures for goods and services and is classified as investment in structures and in software.
5. Gross government investment consists of general government and government enterprise expenditures for fixed assets; inventory investment is included in government consumption expenditures.

Table 3.11.6. Real National Defense Consumption Expenditures and Gross Investment by Type, Chained Dollars

[Billions of chained (2005) dollars]

	Seasonally adjusted at annu								
		2008	2009	Seasonally adjusted at annual rates					
	Line			20	2009		2010		
				III	IV	ı	11	101	
National defense consumption expenditures and gross investment	1	657.7	693.0	708.3	703.8	704.4	717.1	731.9	
Consumption expenditures 1 Gross output of general	2	562.1	591.7	604.0	598.5	598.9	606.8	619.8	
government	3 4	567.4 295.7	597.0 313.8	609.4 317.2	603.8 320.2	604.3 322.1	612.2 323.7	625.4 325.3	
government employees Military Civilian	5 6 7	219.8 148.8 71.0	234.3 160.3 73.9	237.2 162.7 74.4	239.4 162.6 76.8	240.6 163.4 77.1	241.3 163.4 77.9	241.9 162.7 79.2	
Consumption of general government fixed capital ² Intermediate goods and	8	76.0	79.6	80.0	80.8	81.6	82.5	83.5	
services purchased ³ Durable goods Aircraft Missiles Ships Vehicles Electronics Other durable goods Nondurable goods Petroleum products Ammunition Other nondurable goods Services Research and development Installation support Weapons support Personnel support Transportation of material Travel of persons	9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	272.0 41.3 12.5 4.4 0.8 3.0 10.7 10.1 21.3 9.9 3.7 7.7 210.0 55.0 37.8 28.6 73.5 9.3 6.1	283.5 43.5 14.5 4.4 0.7 3.3 10.9 9.9 22.3 10.1 3.5 3.8 9.9 218.3 31.0 79.4 6.6	292.7 46.5 14.8 5.0 0.7 3.8 11.9 10.3 25.0 11.8 3.5 10.0 221.7 54.3 41.9 32.6 80.7 5.9 6.6	283.8 44.5 15.9 4.2.5 0.5 3.8 10.6 9.2 3.7 8.0 219.4 53.3 40.8 31.1 80.7 7.3 6.6	282.4 42.9 13.4 4.1 0.7 3.8 11.3 9.7 20.5 8.6 3.7 7.5 219.6 53.2 40.0 29.4 83.5 7.9 6.0	288.8 44.2 14.4 4.4 0.7 3.9 11.0 9.8 21.2 9.4 3.7 8.3 224.0 53.1 39.9 31.3 87.2 5.5	300.6 46.0 15.3 4.7 0.8 3.5 11.2 10.7 22.1 10.7 22.1 13.2 8.2 233.0 53.0 41.6 92.3 8.0 92.3	
Less: Own-account investment 4 Sales to other sectors Gross investment 5 Structures Equipment and software Aircraft Missiles Ships Vehicles Electronics and software Other equipment. Residual	28 29 30 31 32 33 34 35 36 37 38 39	2.0 3.3 96.1 9.6 86.5 13.3 3.9 9.0 8.9 21.0 30.9 -2.5	2.1 3.2 101.9 13.5 87.9 14.1 4.8 9.6 8.5 21.3 30.1 -2.1	2.1 3.2 104.8 15.0 89.2 12.8 5.3 9.4 8.8 22.5 30.9 -2.0	2.1 3.2 106.0 15.4 89.9 15.7 5.0 10.4 8.4 21.3 29.4 -2.0	2.2 3.2 106.2 15.6 89.9 15.0 5.1 8.9 9.1 22.4 30.1 -2.3	2.2 3.2 111.2 15.6 95.0 18.3 5.6 9.2 9.2 22.2 31.1 -2.6	2.3 3.2 113.0 16.3 96.0 18.2 5.5 9.8 8.9 22.9 31.3 -3.1	

^{1.} National defense consumption expenditures are defense services produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction and software).

Consumption of fixed capital, or depreciation, is included in government gross output as a partial measure of the services of general government fixed assets; the use of depreciation assumes a zero net return on these assets.
 Includes general government intermediate inputs for goods and services sold to other sectors and for own-account

investment.

4. Own-account investment is measured in current dollars by compensation of general government employees and related expenditures for goods and services and is classified as investment in structures and in software.

5. Gross government investment is included in government and government enterprise expenditures for fixed assets; inventory investment is included in government consumption expenditures.

Note: Chained (2005) dollar series are calculated as the product of the chain-type quantity index and the 2005 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

4. Foreign Transactions

Table 4.1. Foreign Transactions in the National Income and Product Accounts [Billions of dollars]

					Seasonally a	adjusted at ar	nnual rates	
	Line	2008	2009	200	9			
		Ì		Ili	IV		11	III
Current receipts from the rest of the world	1	2,682.6	2,208.2	2,209.5	2,354.6	2,451.5	2,514.0	2,552.9
Exports of goods and services	2	1,843.4	1,578.4 1,063.1	1,582.1 1,068.6	1,689.9 1,157.6	1,757.8 1,213.0	1,817.9 1,262.8	1,847.0 1,281.0
Goods 1	4	1,295.1 828.2	671.0	671.4	728.0	758.4	802.9	812.4
Nondurable	5	466.9	392.1	397.2	429.6	454.6	459.9	468.6
Services 1	6	548.3	515.3	513.6	532.3	544.8	555.1	566.0
Income receipts	7	839.2	629.8	627.4	664.7	693.7	696.1	706.0
Wage and salary receipts	8	3.0	2.9	2.9	3.0	3.0 690.7	3.1 693.0	3.1
Income receipts on assets	10	836.2 264.4	626.9 146.3	624.5 136.6	661.7 132.6	129.3	135.5	702.8 135.0
Dividends		299.3	206.8	213.0	192.2	195.8	222.8	195.1
Reinvested earnings on U.S. direct investment abroad	12	272.4	273.8	274.8	336.8	365.6	334.7	372.7
Current payments to the rest of the world	13	3,353.0	2,587.9	2,599.6	2,755.2	2,896.5	3,006.4	3,067.9
Imports of goods and services		2,553.8	1,964.7	1,990.5	2,116.3	2,237.6	2,357.1	2,399.1
Goods 1	15	2,148.8	1,587.8	1,613.8	1,731.8	1,843.5	1,957.2	1,988.7
Durable	16 17	1,158.7 990.1	890.1 697.7	899.8 714.1	968.4 763.4	1,015.5 827.9	1,114.6 842.6	1,145.0 843.8
Services 1		405.0	376.9	376.6	384.5	394.1	400.0	410.4
Income payments	1 11	664.7	483.6	460.1	499.1	502.6	500.8	516.1
Wage and salary payments	20	10.4	10.8	10.7	10.8	11.2	11.5	11.6
Income payments on assets	21	654.3	472.8	449.5	488.3	491.3	489.3	504.6
Interest		493.8 113.2	344.5 99.5	325.9 80.8	321.8 79.8	318.4 96.6	323.2 86.0	320.5 76.9
Dividends Reinvested earnings on foreign direct investment in the United States		47.3	28.8	42.8	86.7	76.3	80.2	107.2
Current taxes and transfer payments to the rest of the world (net)	1	134.5	139.5	149.0	139.7	156.3	148.5	152.6
From persons (net)	26	64.6	66.5	66.3	69.5	70.7	72.2	71.6
From government (net)		38.4	50.2	61.1	45.3	60.6	51.9	56.3
From business (net)		31.5	22.9	21.7	24.9	25.0	24.4	24.6
Balance on current account, NiPAs	29	-670.4	-379.7	~390.1	-400.6	-445.0	-492.5	-514.9
Addenda:	30	-665.0	-380.3	~390.7	-401.3	-445.4	-493.0	
Net lending or net borrowing (-), NIPAs		-670.4	-380.3 -379.7	~390.7 ~390.1	-401.3 -400.6	-445.4 -445.0	-493.0 -492.5	-514.9
Less: Capital account transactions (net) ²		-5.4	0.6	0.6	0.7	0.4	0.5	

^{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.

2. Consists of capital transfers and the acquisition and disposal of nonproduced nonfinancial assets. Prior to 1982, reflects only capital grants paid to the U.S. territories and the Commonwealths of Puerto Rico and Northern Mariana Islands.

Table 4.2.1. Percent Change From Preceding Period in Real Exports and in Real Imports of Goods and Services by Type of Product

[Percent]

				Sea	Seasonally adjusted at annual rates						
	Line	2008	2009	200	09		2010				
		 		III	IV	ı	Ш	III			
Exports of goods and services	1	6.0	-9.5	12.2	24.4	11.4	9.1	6.3			
Exports of goods 1	2	6.3	-12.0	18.7	31.7	14.0	11.5	5.5			
Foods, feeds, and beverages	3	6.8	-4.6	-3.2	69.6	-0.9	-32.2	24.1			
Industrial supplies and materials	4	10.9	-6.8	33.5	11.9	19.2	17.3	-3.1			
Durable goods Nondurable goods	5	10.5 11.1	-13.3 -3.5	28.6 35.9	18.6 8.8	12.8	38.0 8.5	-7.3 -1.1			
Capital goods, except automotive	7	6.2	-14.7	6.1	28.7	15.1	19.1	13.5			
Civilian aircraft, engines, and											
parts	8	-3.3	-3.7	-9.9	23.4	-31.1	-7.3	35.9			
Computers, peripherals, and parts	9	5.2	-7.8	21.8	25.9	23.1	21.3	11.4			
Other	10	8.7	18.0	8.8	30.5	29.2	25.4	9.5			
Automotive vehicles, engines, and	Ιi										
parts	11	-1.1	-33.1	155.1	70.6	35.9	19.5	-6.3			
Consumer goods, except automotive	12	8.2	-7.2	10.1	23.9	11.0	-4.6	7.4			
Durable goods	13	7.5	-16.8	29.4	24.8	13.7	23.2	9.7			
Nondurable goods	14	9.1	5.2	-6.7	22.9	8.3	-28.0	4.7			
Other	15	-8.6	-4.0	-24.2	92.5	-17.5	53.9	-2.5			
Exports of services 1	16	5.3	-3.9	0.1	10.2	5.8	3.9	8.1			
Transfers under U.S. military	17	-17.4	16.1	109.8	-80.4	78.4	21.6	-8.1			
agency sales contracts Travel	18	8.6	-10.9	-2.0	7.6	19.5	0.3	19.7			
Passenger fares	19	10.7	-3.9	1.2	-22.1	-9.3	-5.3	28.5			
Other transportation	20	0.2	-14.6	12.5	20.9	10.4	8.0	0.1			
Royalties and license fees Other private services	21 22	7.7 4.4	-4.3 0.4	-17.3 1.3	69.5	-5.8 2.2	9.0	6.6 4.2			
Other	23	13.4	-7.1	-11.8	9.8 -4.0	25.1	-8.1	12.6			
Imports of goods and	_						1				
services	24	-2.6	13.8	21.9	4.9	11.2	33.5	16.8			
Imports of goods 1	25	-3.5	-15.8	27.4	6.2	12.0	40.5	17.5			
Foods, feeds, and beverages	26	-1.3	-5.4	-2.4	-2.5	18.0	5.4	-0.9			
Industrial supplies and materials,	27	-7.5	-24.3	26.2	19.9	30.1	31.5	4.4			
except petroleum and products Durable goods	28	-7.5 -8.6	-29.9	4.1	31.0	43.3	39.5	-2.3			
Nondurable goods	29	-6.3	-18.3	51.2	10.4	18.5	23.8	11.9			
Petroleum and products	30	-2.7	-8.8	29.2	-47.4	-3.4	78.6	43.3			
Capital goods, except automotive	31	1.9	-16.8	20.9	32.2	15.5	49.0	16.2			
Civilian aircraft, engines, and parts	32	-3.0	-18.1	-24.7	14.7	-10.5	-0.3	20.7			
Computers, peripherals, and				;							
parts	33	1.7	-1.5	58.7	79.2	8.8	51.5	-21.1			
Other Automotive vehicles, engines, and	34	2.5	-21.4	15.7	18.3	22.2	54.5	35.1			
parts	35	-12.1	-32.4	231.3	52.0	12.1	69.9	15.3			
Consumer goods, except		Ì	1	1	İ	Ì	Ì				
automotive	36	~1.1	-10.8	6.1	19.2	7.7	25.3	16.8			
Durable goods Nondurable goods	37 38	-1.4 -0.7	-14.1 -6.9	-0.2 13.5	18.8 19.6	18.5 -3.2	31.3 18.8	19.2 14.1			
Other	39	-9.6	-7.0	-5.4	4.2	35.7	-24.2	1.7			
Imports of services 1	40	2.4	-4.2	1.5	-0.5	7.8	4.3	13.7			
Direct defense expenditures	41	-5.2	11.5	-12.8	-16.5	9.0	26.4	23.4			
Travel Passenger fares	42	-1.7 -0.3	-2.1 -13.8	-2.9 39.1	-11.3 -28.1	3.0 l 0.2	-6.4 -6.7	25.0 40.6			
Other transportation	44	-7.5	-15.9	-6.5	3.5	33.4	28.9	16.5			
Royalties and license fees	45	0.2	-2.0	-18.8	36.3	60.9	-17.4	2.1			
Other private services	46 47	10.8 -2.7	-3.6 7.2	6.7	6.0 13.1	0.7 -22.0	5.8 0.6	5.5 6.1			
Other	4/	-2.1	1.2	-0.6	13.1	-22.0	0.6	0.1			
Addenda: Exports of durable goods	48	5.3	-17.1	22.3	33.6	15.8	23.6	6.1			
Exports of nondurable goods	49	8.3	-2.3	12.5	28.3	11.1	-6.4	4.6			
Exports of agricultural goods 2	50	6.7	-3.2	-5.4	59.2	14.6	-32.4	14.1			
Exports of nonagricultural goods	51 52	6.3 -3.9	-12.8 20.6	21.5 33.3	29.1 30.7	13.9 19.1	17.1 43.2	4.7 13.8			
Imports of durable goods Imports of nondurable goods	53	-3.9 -3.1	-20.6 -9.4	20.4	-18.2	3.7	37.1	22.5			
Imports of nonpetroleum goods	54	-3.7	-17.4	27.2	24.3	15.9	32.9	12.5			

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 4.2.2. Contributions to Percent Change in Real Exports and in Real Imports of Goods and Services by Type of Product

				Seasonally adjusted at annual rates						
	Line	2008	2009	200	9		2010			
	! 			111	1V	1	li l	111		
Percent change at annual rate:										
Exports of goods and services	. 1	6.0	-9.5	12.2	24.4	11.4	9.1	6.3		
Percentage points at annual rates:	'!	0.0	-3.3	12.2	27,7	****	3.1	0.0		
Exports of goods 1	2	4.41	-8.35	12.06	20.66	9.53	7.91	3.87		
Foods, feeds, and beverages	3	0.37	-0.26	-0.08	3.56	0.00	-2.12	1.18		
Industrial supplies and materials	4	2.13	-1.32	5.63	2.50	3.63	3.45	-0.65		
Durable goods	5	0.71	-0.89	1.60	1.23	0.82	2.23	-0.51		
Nondurable goods	6	1.42	-0.44	4.03	1.27	2.81	1.22	-0.14		
Capital goods, except automotive Civilian aircraft, engines, and	';	1.59	-3.75	1.57	6.71	3.60	4.34	3.18		
parts	8	-0.15	-0.16	-0.48	1.05	-1.56	-0.29	1.23		
Computers, peripherals, and										
parts	9	0.13	-0.18	0.48	0.60	0.51	0.47	0.26		
Other	10	1.60	-3.41	1.56	5.07	4.65	4.16	1.69		
Automotive vehicles, engines, and parts	11	-0.08	-2.24	4.87	3.34	1.92	1.14	-0.40		
Consumer goods, except	''	-0.00	-2.24	4.07	3.04	1.52	1.14	-0.40		
automotive	12	0.71	-0.65	0.97	2.20	1.03	-0.40	0.65		
Durable goods	13	0.37	-0.85	1.29	1.17	0.65	1.01	0.46		
Nondurable goods	14	0.34	0.21	-0.31	1.03	0.38	-1.41	0.19		
Other	15	-0.32	-0.13	-0.90	2.35	-0.64	1.49	-0.09		
Exports of services 1	16	1.59	-1,17	0.12	3.70	1.84	1.21	2.43		
Transfers under U.S. military						. !				
agency sales contracts	17	-0.16	0.12	0.94	-1.54	0.50	0.18	-0.07		
Travel	18	0.50	-0.65	-0.12	0.46	1.05	0.02	1.04		
Passenger fares Other transportation	19	0.17	-0.06 -0.35	0.02 0.27	-0.38 0.46	-0.15 0.23	-0.09 0.17	0.42		
Royalties and license fees	21	0.39	-0.22	-1.07	3.22	-0.34	0.49	0.36		
Other private services	22	0.58	0.06	0.21	1.51	0.32	0.52	0.57		
Other	23	0.11	-0.07	-0.12	-0.03	0.22	-0.08	0.11		
Percent change at annual rate:						i				
Imports of goods and services	24	-2.6	-13.8	21.9	4.9	11.2	33.5	16.8		
Percentage points at annual rates:		1			i	ĺ				
Imports of goods 1	25	-2.98	-13.15	21.54	5.04	9.81	32.50	14.48		
Foods, feeds, and beverages	26	-0.05	-0.20	-0.04	-0.10	0.68	0.32	0.00		
Industrial supplies and materials,										
except petroleum and products	27	-0.96	-2.88	2.41	1.76	2.82	3.46	0.56		
Durable goods Nondurable goods	29	-0.57 -0.38	-1.82 -1.06	0.27 2.15	1.28	1.88	2.10	-0.08 0.64		
Petroleum and products	30	-0.45	-1.39	3.80	-9.57	-0.53	10.32	5.67		
Capital goods, except automotive	31	0.33	-3.13	3.87	5.20	2.76	8.49	3.19		
Civilian aircraft, engines, and							1			
parts	32	-0.04	-0.27	-0.43	0.20	-0.15	0.02	0.27		
Computers, peripherals, and										
parts	33 34	0.07	-0.06	2.37	2.98	0.45 2.46	2.45	-1.18		
Other Automotive vehicles, engines, and	34	0.31	-2.80	1.94	2.02	2.46	6.02	4.10		
parts	35	-1.27	-3.11	10.18	3.83	1.10	5.66	1,49		
Consumer goods, except								.,		
automotive	36	-0.22	-2.17	1.53	3.76	1.69	5.27	3.46		
Durable goods	37	-0.15	-1.54	0.09	1.93	1.94	3.39	2.10		
Nondurable goods	38	-0.06	-0.63	1.44	1.84	-0.26	1.88	1.35		
Other	39	-0.38	-0.27	-0.21	0.15	1.30	-1.01	0.11		
Imports of services 1	40	0.37	-0.70	0.40	-0.11	1.40	0.95	2.33		
Direct defense expenditures	41 42	-0.06 -0.05	0.13	-0.21	-0.27	0.13	0.36	0.29		
Travel Passenger fares	42	0.05	-0.07 -0.18	-0.11 0.47	-0.43 -0.42	0.10	-0.20 -0.08	0.75 0.45		
1 433511951 10153		-0.17	-0.16 -0.34	-0.12	0.06	0.59	0.60	0.45		
Other transportation	44 45	0.00	-0.02	-0.27			-0.23			
					0.39 0.48 0.07	0.64 0.06		0.03		

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.

services.

2. Includes parts of foods, feeds, and beverages, of nondurable industrial supplies and materials, and of nondurable nonautomotive consumer goods.

Table 4.2.3. Real Exports and Imports of Goods and Services by Type of Product, Quantity Indexes

[Index numbers, 2005=100]

					Seas	onally adj	usted	
	Line	2008	2009	20	09		2010	
				133	ĪV	Ī	П	Ш
Exports of goods and	1	126,255	114.228	114.174	120.569	123.858	126.592	128.541
services Exports of goods 1	2	127.649	112.377	112.474	120.484	124,495	127.939	129.666
Foods, feeds, and beverages	3	125.356	119.593	115.558	131.879	131.570	119.371	125.979
Industrial supplies and								
materials	4	131.222	122.237	126.511	130.126	135.959	141.499	140.374
Durable goods Nondurable goods	5 6	127.917 133.159	110.948 128.530	113.383	118.330 136.690	121.957 143.763	132.175 146.727	129.710 146.325
Capital goods, except		100.700	120.000	100.001	100.000	140.700	140.727	140.020
automotive	7	128.510	109.611	107.406	114.390	118.484	123.775	127.766
Civilian aircraft, engines, and		116.078	i i 111 700	107.424	112 222	102 150	101 222	100 205
Computers, peripherals, and	8	110.076	111.788	107.424	113.223	103.159	101.233	109.305
parts	9	119.162	109.844	110.449	116.994	123.237	129.334	132.879
Other	10	133.036	109.055	107.052	114.421	121.979	129.089	132.041
Automotive vehicles, engines,	11	110 004	70 702	05 400	07.047	105 100	110.010	100 400
and parts Consumer goods, except	11	119.084	79.703	85.438	97.647	105.426	110.219	108.428
automotive	12	132.475	122.962	122.721	129.465	132.889	131.340	133.698
Durable goods	13	140.481	116.895	118.537	125.284	129.359	136.273	139.470
Nondurable goods	14	123.231	129.674	127.272	133.993	136.693	125.920	127.367
Other	15	108.907	104.532	96.421	113.577	108.241	120.552	119.777
Exports of services 1 Transfers under U.S. military	16	123.095	118.303	117.933	120.822	122.533	123.708	126.147
agency sales contracts	17	68.519	79.562	103.162	68.607	79.290	83.261	81.529
Travel	18	118.892	105.933	104.512	106.436	111.275	111.369	116.484
Passenger fares	19	123.727	118.913	121.307	113.963	111.207	109.690	116.791
Other transportation	20	91.987	78.584	79.021	82.866	84.948	86.591	86.608
Royalties and license fees Other private services	21	132.947 135.327	127.266 135.924	121.213 135.293	138.305 138.502	136.244 139.253	139.221	141.476 141.954
Other	23	121.982	113.285	111.061	109.926	116.267	113.850	117.273
Imports of goods and								
services	24	106.113	91.418	92.752	93.874	96.401	103.613	107.715
Imports of goods 1	25	105.189	88.615	90.324	91.691	94.321	102.690	106.905
Foods, feeds, and beverages	26	105.988	100.247	99.850	99.211	103.392	104.766	104.531
Industrial supplies and		İ			İ			i I
materials, except petroleum and products	27	92.676	70.179	69.245	72.464	77.388	82.870	83.774
Durable goods	28	90.226	63.205	59.939	64.120	70.158	76.241	75.804
Nondurable goods	29	95.859	78.304	80.120	82.132	85.692	90.396	92.979
Petroleum and products	30	100.078	91.277	97.787	83.281	82.572	95.452	104.438
Capital goods, except automotive	31	120.750	100.488	100.084	107.326	 111.259	122.917	127.628
Civilian aircraft, engines, and	01	120.750	100.100	100.001	107.020	111.200	122.017	127.020
parts	32	118.600	97.152	93.822	97.089	94.422	94.360	98.907
Computers, peripherals, and		400.047	400 000	100 101	454005	457.004	474 500	404.50
parts Other	33	130.847 117.620	128.862 92.488	133.124 91.138	154.025 95.050	157.304 99.934	174.522 111.417	164.50
Automotive vehicles, engines,	34	117.020	32.400	31.130	33.030	33.334	1111.417	120.110
and parts	35	92.873	62.815	70.173	77.916	80.166	91.520	94.837
Consumer goods, except		140.055	400 740	100 151	404007		140 700	447.00
automotive	36	112.955	100.742	100.151 96.901	104.637 101.163	106.588 105.539	112.769	117.236
Durable goods Nondurable goods		111.714	103.984		108.685	103.339	112.552	116.330
Other	39	91.947	85.500	84.500	85.374	92.138	85.974	86.343
Imports of services 1	40	111.167	106.461	105.915	105.772	107.766	108.916	112.463
Direct defense expenditures	41	75.560	84.230	83.515	79.822	81.555	86.468	91.14
Travel Passenger fares	42	96.828 95.783	94.753 82.595	92.304 87.472	89.575 80.538	90.241	88.750 79.196	93.838
Other transportation		82.961	69.772		68.666	73.800		81.69
Royalties and license fees	45	95.462	93.572	90.971	98.297	110.710	105.554	106.09
Other private services	46		153.013	153.383	155.617	155.877	158.093	160.22
Other	47	96.944	103.894	102.622	105.837	99.454	99.601	101.08
Addenda:	48	127.390	105.658	105.523	113.456	117.690	124.085	125.92
Exports of durable goods Exports of nondurable goods	49	127.773	124.782	125.302	133.456	136.892		136.17
Exports of agricultural goods 2	50			115.550	129.793	134.290		125.85
Exports of nonagricultural							İ	
goods	51	127.962	111.564	112.086	119.476	123.437	128.403	129.900
Imports of durable goods Imports of nondurable goods	52		84.904 92.827	85.757 95.624	91.699	95.804 91.754		104.462

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.
 Includes parts of foods, feeds, and beverages, of nondurable industrial supplies and materials, and of nondurable nonautomotive consumer goods.

Table 4.2.4. Price Indexes for Exports and Imports of Goods and Services by Type of Product

[Index numbers, 2005=100]

			1		Seas	onally adji	usted	
	Line	2008	2009	20	09		2010	
				#11	IV	I	II	III
Exports of goods and		444.074	405 077	100 010	107.404	400 774	440.000	110.10
services	1	111.874		106.212	107.424	108.771	110.060	110.12
Exports of goods 1	3	111.970	1 04.403 133.190	1 04.892 133.995	1 06.072 132.498	107.565 133.688	108.965 132.417	1 09.06 136.76
Foods, feeds, and beverages Industrial supplies and	١٥	146.607	133.190	133.993	132.490	133.000	132.417	130.70
materials	4	129.602	105.615	106.860	111.130	115.679	120.780	120.36
Durable goods	. 5	122.364	105.465	106.008	111.684	114.959	117.813	116.47
Nondurable goods	6	133.469	105.764	107.362	110.960	116.130	122.344	122.39
Capital goods, except	_							
automotive	7	99.358	99.386	99.545	9 9.593	99.741	99.689	99.43
Civilian aircraft, engines, and	8	114.065	119.652	119.505	120.575	121.580	122.005	123.37
parts Computers, peripherals, and	0	114.003	119.002	119.505	120.373	121.500	122.000	120.07
parts	9	80.900	75.405	74.725	75.836	74.195	74.881	. 72.75
Other	10	99.373	99.185	99.554	99.181	99.480	99.213	99.00
Automotive vehicles, engines,	ı			i i				
and parts	11	103.639	104.184	104.035	104.256	104.667	104.552	104.64
Consumer goods, except	12	105 611	105 046	106 170	106.377	106.350	106.612	106.79
automotive Durable goods	13	105.611 103.993	105.846 104.740	106.170 105.158	100.377	103.046	103.215	103.32
Nondurable goods	14	107.679	107.311	107.551	108.251	110.257	110.627	110.91
Other	15	114.800	107.180	107.742	109.075	110.798	112.307	112.54
Exports of services 1		111.643	109.172	109,164	110.437	111.451	112.480	112.46
Transfers under U.S. military			1002	1002101				
agency sales contracts	17	107.429	108.405	108.461	108.764	109.264	109.602	109.89
Travel	18	113.083	108.384	109.070	110.122	110.685	111.874	112.58
Passenger fares	19	121.040	105.968	102.182	106.391	116.367	127.141	127.22
Other transportation	20	115.118	109.143	108.335	109.597	111.011	112.341	112.75
Royalties and license fees	21	109.708	109.566	109.647	110.173	110.651	110.668	110.88 111.31
Other private services Other	22 23	110.316	109.554 112.687	109.847	115.119	111.354 118.642	118.434	117.86
	20	112.727	112.007	111.001	1113.113	110.042	110.404	
Imports of goods and services	24	118.685	105.987	105.879	111.222	114.514	112.234	109.88
	1				l			l
Imports of goods 1 Foods, feeds, and beverages	25 26	119.603 123.313	104.908 119.547	1 04.680 118.847	110.650 121.299	1 14.497 125.014	111.653 128.725	1 08.98 130.63
Industrial supplies and	20	123.515	113.547	110.047	121.233	125.014	120.725	150.00
materials, except petroleum								
and products	27	128.383	104.555	101.763	108.628	115.671	116.200	114.64
Durable goods	28	130.449	109.987	111.226	117.310	122.633	127.602	124.82
Nondurable goods	29	125.518	98.862	92.697	100.046	108.436	105.102	104.61
Petroleum and products	30	189.493	116.302	117.777	151.436	172.189	149.107	131.65
Capital goods, except	31	99.018	96.638	96.516	96.302	96.167	95.857	95.74
automotive Civilian aircraft, engines, and	31	99.010	90.000	90.510	30.302	30.107	33.037	33.74
parts	32	115.956	122.356	123.162	124.009	124.825	124.898	125.89
Computers, peripherals, and		110.500	122.000		12		1	
parts	33	82.621	78.061	78.067	77.338	76.896	76.716	76.48
Other	34	103.623	101.339	101.055	101.032	100.984	100.578	100.44
Automotive vehicles, engines,		400.000	104 700	404.005	1 405 000	405.000	105.000	105 74
and parts	35	103.969	104.762	104.925	105.380	105.068	105.238	105.71
Consumer goods, except automotive	36	104.277	103.890	103,755	103,913	104.203	104.292	103.77
Durable goods	37	103.758	102.723	102.751	102.948	102.711	102.417	100.93
Nondurable goods	38	104.917	105.286	104.966	105.082	105.971	106.514	
Other	39		110.922	110.250	111.112	112.415	113.310	113.49
Imports of services 1	40	113.921	110.711	111.179	113.650	114.351	114.813	114.09
Direct defense expenditures	41	124.583	120.298	122.918	127.988	126.660	119.537	113.01
Travel	42	119.382	112.056	115.981	118.796	118.974	118.653	
Passenger fares	43		120.290	112.783	124.846	130.594		
Other transportation		104.513	96.231	93.801	96.687			1103.72
Royalties and license fees Other private services	45 46	109.730	112.839	109.640 113.614	114.442	110.644 114.537	110.660 114.512	
OtherOther	47	113.205	108.468	109.890		112.397	112.976	
Addenda:	"							
Exports of durable goods	48	104.038	101.630	101.844	102.708	103.155	103.575	103.2
Exports of nondurable goods	49	129.937	111.733	112.812	114.658		121.533	122.4
Exports of agricultural goods 2	50	146.874		131.192	131.011	132.190		
Exports of nonagricultural						405		
goods	51	109.353	102.516	102.945	104.244		107.318	107.0
Imports of durable goods	52	105.644 141.555		102.351	103.023		103.750	103.18
Imports of nondurable goods Imports of nonpetroleum goods	53	108.215	110.109		122.854	132.047 105.463	124.183 105.725	105.47
HIDDELS OF HUNDETFORUM doods	54	100.215	103,460	102.900	104.160	100.403	100.725	100.4

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.
 Includes parts of foods, feeds, and beverages, of nondurable industrial supplies and materials, and of nondurable nonautomotive consumer goods.

Table 4.2.5. Exports and Imports of Goods and Services by Type of Product

[Billions of dollars]

				Se	asonally a	onally adjusted at annual rates					
	Line	2008	2009	20	09		2010				
	 			111	IV	1	11	fII			
Exports of goods and services	1	1,843.4	1,578.4	1,582.1	1,689.9	1,757.8	1,817.9	1,847.0			
Exports of goods 1	2	1,295.1	1,063.1	1,068.6	1,157.6	1,213.0	1,262.8	1,281.0			
Foods, feeds, and beverages	3	108.3	93.9	91.3	103.0	103.7	93.2	101.6			
Industrial supplies and	"	700.5		0.770	70070		00.2				
materials	4	386.9	293.7	307.1	328.5	357.2	388.2	383.8			
Durable goods	5	128.6	96.2	98.6	108.4	115.0	127.8	124.0			
Nondurable goods Capital goods, except	6	258.3	197.5	208.4	220.0	242.2	260.4	259.8			
automotive	7	457.7	390.5	383.2	408.3	423.6	442.3	455.3			
Civilian aircraft, engines, and											
parts	8	74.0	74.8	71.7	76.3	70.1	69.0	75.3			
Computers, peripherals, and parts	9	43.9	37.7	37.6	40.4	41.6	44.1	44.0			
Other	10	339.8	278.0	273.9	291.7	311.9	329.2	336.0			
Automotive vehicles, engines,											
and parts	11	121.5	81.7	87.5	100.2	108.6	113.4	111.7			
Consumer goods, except automotive	12	161.3	150.0	150.2	158.7	162.9	161.4	164.6			
Durable goods	13	90.7	76.0	77.4	81.6	82.7	87.3	89.4			
Nondurable goods	14	70.6	74.0	72.8	77.2	80.2	74.1	75.1			
Other	15	59.4	53.2	49.3	58.8	56.9	64.3	64.0			
Exports of services 1	16	548.3	515.3	513.6	532.3	544.8	555.1	566.0			
Transfers under U.S. military agency sales contracts	17	13.3	15.6	20.2	13.5	15.7	16.5	16.2			
Travel	18	110.0	93.9	93.2	95.9	100.7	101.9	107.3			
Passenger fares	19	31.4	26.4	26.0	25.4	27.1	29.2	31.2			
Other transportation	20	43.7	35.4	35.3	37.5	38.9	40.2	40.3			
Royalties and license fees Other private services	21 22	93.9 238.9	89.8 238.3	85.6 237.8	98.1 246.2	97.1 248.1	99.2 251.4	101.0 252.9			
OtherOther	23	17.0	15.8	15.4	15.7	17.1	16.7	17.1			
Imports of goods and			, ,,,,				10.7				
services	24	2,553.8	1,964.7	1,990.5	2,116.3	2,237.6	2,357.1	2,399.1			
Imports of goods 1	25	2,148.8	1,587.8	1,613.8	1,731.8	1,843.5	1,957.2	1,988.7			
Foods, feeds, and beverages	26	89.0	81.6	80.8	81.9	88.0	91.8	93.0			
Industrial supplies and											
materials, except petroleum and products	27	316.5	195.2	187.2	209.2	237.9	255.9	255.2			
Durable goods	28	160.1	94.6	90.7	102.3	117.0	132.4	128.7			
Nondurable goods	29	156.4	100.6	96.6	106.8	120.8	123.5	126.5			
Petroleum and products	30	477.6	267.4	290.1	317.6	358.1	358.5	346.3			
Capital goods, except automotive	31	455.2	369.7	367.8	393.6	407.4	448.6	465.3			
Civilian aircraft, engines, and		100.2	550.7	007.0	000.0	107	110.0	100.0			
parts	32	35.4	30.6	29.8	31.0	30.3	30.3	32.1			
Computers, peripherals, and	33	100.9	93.9	97.1	111.3	113.0	125.1	117.5			
other	34	318.9	245.3	241.0	251.3	264.1	293.2	315.7			
Automotive vehicles, engines,				ĺ							
and parts	35	231.2	157.6	176.2	196.4	201.5	230.4	239.8			
Consumer goods, except automotive	36	484.7	430.7	427.6	447.5	457.1	484.0	500.7			
Durable goods	37	264.9	225.4	223.0	233.3	242.8	259.2	266.9			
Nondurable goods	38	219.8	205.3	204.6	214.2	214.3	224.8	233.8			
Other	39	94.5	85.6	84.1	85.6	93.5	87.9	88.5			
Imports of services 1	40 41	405.0	376.9	376.6	384.5 30.8	394.1	400.0	410.4 31.0			
Direct defense expenditures	42	28.3 79.7	30.5 73.2	30.9 73.8	73.4	31.1 74.0	31.1 72.6	77.1			
Passenger fares	43	32.6	26.0	25.8	26.3	27.5	29.2	30.4			
Other transportation	44	53.7	41.6	39.5	41.1	45.2	49.7	52.4			
Royalties and license fees Other private services	45 46	25.8 173.7	25.2 168.9	24.5 170.4	26.7 174.2	30.1 174.6	28.7 177.1	29.0 178.7			
Other	47	11.2	11.5	11.6	12.1	11.5	11.5	11.8			
Addenda:		1		.		'''					
Exports of durable goods	48	828.2	671.0	671.4	728.0	758.4	802.9	812.4			
Exports of nondurable goods	49	466.9	392.1	397.2	429.6	454.6	459.9	468.6			
Exports of agricultural goods 2	50	118.0	101.0	98.3	110.3	115.2	104.0	111.3			
Exports of nonagricultural goods	51	1,177.1	962.1	970.2	1.047.3	1,097.8	1,158.7	1,169.7			
Imports of durable goods	52	1,158.7	890.1	899.8	968.4	1,015.5	1,114.6	1,145.0			
Imports of nondurable goods	53	990.1	697.7	714.1	763.4	827.9	842.6	843.8			
Imports of nonpetroleum goods	54	1,671.2	1,320.4	1,323.8	1,414.2	1,485.4	1,598.7	1,642.4			

^{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.

2. Includes parts of foods, feeds, and beverages, of nondurable industrial supplies and materials, and of nondurable

Table 4.2.6. Real Exports and Imports of Goods and Services by Type of Product, Chained Dollars

	1			Se	asonally a	djusted at	annual ra	tes
	Line	2008	2009	20	09		2010	
				Ш	IV	1	11	III
Exports of goods and		1 647 7	1 400 7	1 400 0	1 570 5	1 010 4	1.050.4	4 677 5
Exports of goods 1	1 2	1,647.7	1,490.7	1,490.0 1,019.1	1,573.5 1,091.7	1,616.4 1,128.0	1,652.1	1,677.5
Foods, feeds, and beverages	3	1,156.6 73.9	1,018.2 70.5	68.1	77.8	77.6	1,1 59.2 70.4	1,174.9 74.3
Industrial supplies and		10,0		•				
materials	4	298.5	278.1	287.8	296.0	309.3	321.9	319.4
Durable goods	5	105.1	91.2 186.8	93.2	97.3	100.2	108.6	106.6
Nondurable goods Capital goods, except	0	193.5	100.0	194.5	198.6	208.9	213.2	212.6
automotive	7	460.6	392.9	385.0	410.0	424.7	443.6	457.9
Civilian aircraft, engines, and	_							
parts	8	64.9	62.5	60.0	63.3	57.7	56.6	61.1
Computers, peripherals, and parts 2	9	Ì						
Other	10	341.9	280.3	275.1	294.1	313.5	331.8	339.3
Automotive vehicles, engines,								
and parts	11	117.2	78.4	84.1	96.1	103.7	108.5	106.7
Consumer goods, except	40	150 7	141.0	141.0	140.0	150.0	154 .	1544
automotive Durable goods	12	152.7 87.2	141.8 72.6	141.5 73.6	149.3 77.8	153.2 80.3	151.4 84.6	154.1 86.6
Nondurable goods	14	65.6	69.0	67.7	71.3	72.7	67.0	67.8
Other	15	51.7	49.7	45.8	54.0	51.4	57.3	56.9
Exports of services 1	16	491.1	472.0	470.5	482.0	488.9	493.6	503.3
Transfers under U.S. military								
agency sales contracts	17	12.4	14.4	18.7	12.4	14.3	15.1	14.8
Travel	18	97.3	86.7	85.5	87.1	91.0	91.1	95.3
Passenger fares Other transportation	19 20	25.9 38.0	24.9 32.4	25.4 32.6	23.9 34.2	23.3 35.1	23.0 35.7	24.5 35.8
Royalties and license fees	21	85.6	82.0	78.1	89.1	87.7	89.7	91.1
Other private services	22	216.6	217.5	216.5	221.7	222.9	224.9	227.2
Other	23	15.1	14.0	13.8	13.6	14.4	14.1	14.5
Residual	24	1.5	7.8	7.0	7.9	5.6	1.6	1.9
Imports of goods and								
services	25	2,151.7	1,853.8	1,880.8	1,903.6	1,954.8	2,101.1	2,184.2
Imports of goods 1	26	1,796.6	1,513.5	1,542.7	1,566.1	1,611.0	1,753.9	1,825.9
Foods, feeds, and beverages Industrial supplies and	27	72.2	68.3	68.0	67.6	70.4	71.3	71.2
materials, except petroleum	ļ							
and products	28	246.5	186.7	184.2	192.8	205.9	220.5	222.9
Durable goods	29	122.7	86.0	81.5	87.2	95.4	103.7	103.1
Nondurable goods	30	124.6	101.8	104.2	106.8	111.4	117.5	120.9
Petroleum and products Capital goods, except	31	252.1	229.9	246.3	209.7	208.0	240.4	263.0
automotive	32	459.7	382.6	381.1	408.6	423.6	468.0	485.9
Civilian aircraft, engines, and			002/0		7000		100.0	100.0
parts	33	30.5	25.0	24.2	25.0	24.3	24.3	25.5
Computers, peripherals, and						i		
parts ² Other	34	307.8	242.0	238.5	248.7	261.5	291.6	314.3
Automotive vehicles, engines,	33	307.0	242.0	230.3	240.7	201.5	291.0	314.3
and parts	36	222.4	150.4	168.0	186.6	192.0	219.1	227.1
Consumer goods, except								
automotive	37	464.8	414.6 219.4	412.2 217.1	430.6	438.6	464.1	482.5
Nondurable goods	38	255.3 209.5	195.0	194.9	226.6 203.8	236.4 202.2	253.1 211.1	264.4 218.1
Other	40	83.0	77.2	76.3	77.1	83.2	77.6	77.9
Imports of services 1	41	355.5	340.5	338.7	338.3	344.6	348.3	359.7
Direct defense expenditures	42	22.7	25.3	25.1	24.0	24.5	26.0	27.4
<u>Travel</u>	43	66.8	65.4	63.7	61.8	62.2	61.2	64.7
Passenger fares	44	25.0	21.6	22.9	21.1	21.1	20.7	22.5
Other transportationRoyalties and license fees	45 46	51.4 23.5	43.2 23.0	42.2 22.4	42.5 24.2	45.7 27.2	48.7 26.0	50.6 26.1
Other private services	47	155.2	149.7	150.0	152.2	152.5	154.6	156.7
Other	48	9.9	10.6	10.5	10.8	10.2	10.2	10.4
Residual	49	-5.0	-0.2	8.0	-15.8	-20.2	-18.8	-13.2
Addenda:						_		_
Exports of durable goods	50	796.0	660.2	659.4	708.9	735.4	775.4	786.8
Exports of nondurable goods	51	359.3	350.9	352.4	375.0	385.0	378.7	383.0
Exports of agricultural goods 3 Exports of nonagricultural	52	80.3	77.7	75.0	84.2	87.1	79.0	81.7
goods	53	1,076.4	938.5	942.9	1,005.0	1,038.4	1,080.1	1,092.7
Imports of durable goods	54	1,096.8	870.6	879.3	940.2	982.3	1,074.5	1,109.9
Imports of nondurable goods Imports of nonpetroleum goods	55 56	1,544.3	633.7 1,276.0	652.8 1,285.9	620.7 1,357.6	626.3 1,408.6	677.8 1,512.3	713. 1 1,557.4

^{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

nonautomotive consumer goods.

are included in services, beginning with 1966, repairs and alterations of equipment are reclassified from goods to services.

2. The quantity index for computers can be used to accurately measure the real growth of this component. However, because computers exhibit rapid changes in prices relative to other prices in the economy, the chained-dollar estimates should not be used to measure the components relative importance or its contribution to the growth rate of more aggregate series; accurate estimates of these contributions are shown in table 4.2.2 and real growth rates are shown in table 4.2.1.

^{3.} Includes parts of foods, feeds, and beverages, of nondurable industrial supplies and materials, and of nondurable

^{3.} Includes parts of foods, recos, and deverages, or incredible industrial suppries and inactions, and or incredible ronautomotive consumer goods.
Note: Chained (2005) dollar series are calculated as the product of the chain-type quantity index and the 2005 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. For exports and for imports, the residual line is the difference between the aggregate line and the sum of the most detailed lines.

5. Saving and Investment

Table 5.1. Saving and Investment by Sector [Billions of dollars]

					Seasonally	adjusted at annual	rates	
	Line	2008	2009	2009			2010	
				III	IV		II	
Gross saving	1	1,785.2	1,533.8	1,438.0	1,562.5	1,621.5	1,723.9	1,734.8
Net saving	2	-64.0	-327.4	-410.3	-289.8	-230.9	-136.5	-137.3
Net private saving		599.6	944.5	965.6	1,006.7	1,054.8	1,184.3 480.1	1,150.7 484.5
Domestic business	5	156.7 227.2	284.2 342.9	342.2 413.9	390.6 520.8	443.0 649.4	654.2	690.5
Inventory valuation adjustment, corporate	6	-44.1	11.9	-8.7	-67.2	-36.4	-3.5	-36.7
Capital consumption adjustment, corporate		-26.3	-70.6	-63.0	-63.0	-169.9	-170.7	-169.3
Households and institutions	8	442.9	660.3	623.4	616.0	611.8	704.3	666.3
Personal saving		447.9 5.0	655.3 5.0	623.4	616.0	611.8	704.3 0.0	666.3 0.0
Wage accruals less disbursements		-663.6	-1,271.9	-1,375.9	-1,296.4	-1,285.7	-1,320.8	-1.2 8 8.0
Federal	12	-616.2	-1,251.7	-1,356.7	-1,310.3	-1,314.2	-1,336.5	-1,338.0
State and local	13	-47.4	-20.1	-19.2	13.9	28.6	15.8	50.0
Consumption of fixed capital	14	1,849.2	1,861.1	1,848.3	1,852.2	1,852.4	1,860.4	1,872.1
Private	15	1,536.9	1,535.8	1,523.1	1,525.5	1,522.8	1,527.4	1,535.6
Domestic business		1,244.5	1,245.2	1,234.3	1,234.7	1,231.1	1,236.9 290.5	1,243.2 2 9 2.3
Households and institutions	17	292.4 312.3	290.6 325.3	288.8 325.1	290.8 326.8	291.7 329.6	333.0	336.5
Federal		119.8	124.3	124.7	125.9	127.3	128.8	130.2
State and local		192.6	200.9	200.5	200.8	202.3	204.2	206.3
Gross domestic investment, capital account transactions, and net lending, NIPAs	21	1,921.8	1,712,9	1,666.9	1,737.6	1 ,7 85.7	1.855.0	1,900.2
, ,	22	2.592.2	2.092.6	2.057.0	2,138.2	2,230.7	2.347.4	2.415.1
Gross domestic investment		2,392.2	1.589.2	1.548.5	1.637.7	1,739.7	1,841.8	1,895.3
Domestic business	24	1,570.1	1,176.5	1,138.6	1,225.7	1,337.2	1,423.6	1,501.2
Households and institutions	25	526.6	412.7	409.8	412.0	402.6	418.2	394.1
Gross government investment	26	495.5	503.4	508.5	500.5	491.0	505.6	519.8
Federal	27	145.3	152.4	155.7	158.1	160.8	168.2 337.4	172.2 347.6
State and local		350.3	351.0	352.8	342.4	330.2	I	347.6
Capital account transactions (net) 1		-5.4 -70.9	0.6 -142.2	0.6 -79.6	0.7 -116.9	0.4 -94.0	0.5 -126.6	
Private		-70.9 -50.7	-125.0	-63.7	-90.4	-72.7	-102.2	
Households and institutions		-20.2	-17.3	-15.9	-26.4	-21.3	-24.3	
Government	. 33	65.4	142.8	80.2	117.6	94.4	127.1	57.9
Federal	. 34 !	113.5	196.8	142.5	179.4	135.9	176.1	117.0
State and local	35	-48.0	-54.0	-62.3	-61.8	-41.5	-49.1	-59.0
Net lending or net borrowing (-), NIPAs		-665.0 247.3	-380.3 1,212.5	-390.7 1.248.7	-401.3 1,186.5	445.4 1.096.0	~493.0 1,127.5	
Private		18.4	657.0	730.4	665.2	573.8	526.6	***************************************
Households and institutions		228.9	555.5	518.3	521.3	522.1	600.9	
Government	. 40	-912.3	-1,592.7	-1,639.4	-1,587.8	-1,541.4	-1,620.5	-1,529.3
Federal		-755.2	-1,476.6	-1,530.1	-1,521.9	-1,483.6	-1,552.1	-1,497.0
State and local	. 42	-157.1	-116.1	-109.3	-65.9	-57.7	-68.4	-32.3
Statistical discrepancy	. 43	136.6	179.1	228.9	175.2	164.2	131.1	165.4
Addenda:					i			
Gross private saving	. 44	2,136.5	2,480.3	2,488.7	2,532.1	2,577.5	2,711.7	2,686.3
Domestic business		1,401.2 735.3	1,529.4 950.9	1,576.5	1,625.3 906.8	1,674.1 903.4	1,716.9 9 94. 8	1,727.7 95 8 .6
Households and institutions		-351.3	-946.6	912.2 -1.050.7	-969.7	-956.0	~987.8	95 0. 0 –951.5
Federal		-496.5	-1.127.4	-1.232.0	-1.184.4	-1.186.9	-1.207.8	-1.207.8
State and local	. 49	145.1	180.8	181.3	214.7	230.9	220.0	256.2
Net domestic investment		743.0	231.5	208.7	286.0	378.3	487.1	543.0
Private	51 52	559.8 325.6	53.4 -68.7	25.3 -95.7	112.3 -9.0	217.0 106.1	314.4 186.8	359.7 258.0
Domestic business		234.2	122.0	121.0	121.2	110.9	127.6	101.7
Government		183.2	178.1	183.4	173.8	161.3	172.6	183.3
Federal	. 55	25.5	28.1	31.0	32.2	33.5	39.4	42.0
State and local		157.7	150.0	152.4	141.6	127.8	133.2	141.3
Gross saving as a percentage of gross national income		12.4	10.9	10.2	11.0	11.2	11.8	11.7
Net saving as a percentage of gross national income	l i	-0.4	-2.3	-2.9	-2.0	-1.6	-0.9	-0.9
Disaster losses ²		1 9.1 19.1	0.0 0.0	0.0 0.0	0.0	0.0 0.0	0.0 0.0	0.0 0.0
Private		10.8	0.0	0.0	0.0	0.0	0.0	0.0
Households and institutions		8.3	0.0	0.0	0.0	0.0	0.0	0.0
Government	. 63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Federal	. 64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
State and local	. 65	0.0	0.0	0.0	0.0	0.0	0.0	0.0

^{1.} Consists of capital transfers and the acquisition and disposal of nonproduced nonfinancial assets. Prior to 1982, reflects only capital grants paid to the U.S. territories and the Commonwealths of Puerto Rico and Northern Mariana Islands. 2. Consists of damages to fixed assets.

Table 5.3.1. Percent Change From Preceding Period in Real Private Fixed Investment by Type [Percent]

					Seasona	ly adjusted at ann	ual rates	
	Line	2008	2009	20	Seasonally adjusted at annual rates 2009 2010			
				111	IV	I	II	III
Private fixed investment	1	-6.4	-18.3	0.7	-1.3	3.3	18.9	1.7
Nonresidential	2	0.3	-17.1	-1.7	-1.4	7.8	17.2	10.3
Structures		5.9	-20.4	-124	-29.2	-17.8	_0.5	-5.7
Commercial and health care	4	-3.7	-29.9					-15.2
Manufacturing		24.5	7.6					-37.9
Power and communication	6	9.1	2.5					-28.4
Mining exploration, shafts, and wells	7	6.5	-35.5	-8.4	-10.4	93.4	58.2	57.1
Other structures 1	8	12.6	-18.7	-30.1	-37.5	-36.0	-16.0	-13.4
Equipment and software	9	-2.4	-15.3	4.2	14.6	20.4	24.8	16.8
Information processing equipment and software	10	6.1	0.2					11.0
Computers and peripheral equipment		13.3	-1.5	23.1	80.6			-2.3
Software 2	12	5.8	1.7	7.1	14.2	9.2	8.1	15.2
Other 3	13	3.5	-1.1	22.3	13.5	8.8	13.0	12.0
Industrial equipment	14	-4.2	-23.3	-10.2	-3.0	0.2	44.2	7.5
Transportation equipment		-23.0	-51.5				74.8	63.9
Other equipment 4	16	-3.7	-22.3	-6.4	-4.3	32.7	16.2	19.2
Residential	17	-24.0	-22.9	10.6	-0.8	-12.3	25.7	-27.5
Structures	18	-24.3	-23.2	10.5	-1.1	-12.8	26.2	-28.1
Permanent site	19	-33.7	-40.0	19.4	-1.4			-23.8
Single family		-37.2	-40.8	57.9	18.8	19.3	22.4	-25.0
Multifamily	21	-12.1	-36.7	-56.4	-60.1	-64.9	-38.2	~12.9
Other structures 5	22	-11.9	-6.5	5.4	-1.0	-20.7	34.8	~30.7
Equipment	23	-3.5	-7.1	11.7	11.2	11.2	8.3	2.4
Addenda:	1 1							
Private fixed investment in structures	24	-10.2	-21.6	-3.2	-17.8	-15.5	11.3	-17.0
Private fixed investment in equipment and software	25	-2.4	-15.2					16.6
Private fixed investment in new structures 6	26	-9.4	-22.5	-5.8	-21.3	-11.9	6.8	-10.4
Nonresidential structures	27	5.9	-20.3	-12.2	-29.1	-17.5	-0.4	-5.6
Residential structures	28	-24.7	-25.6	5.5	-8.1	-3.5	17.4	-16.6

1. Consists primarily of religious, educational, vocational, lodging, railroads, tarm, and amusement and recreational structures, net purchases of used structures, and brokers' commissions on the sale of structures.

2. Excludes software "embedded," or bundled, in computers and other equipment.

3. Includes communication equipment, nonmedical instruments, medical equipment and instruments, photocopy and related equipment, and office and accounting equipment.

4. Consists primarily of furniture and fixtures, agricultural machinery, construction machinery, mining and oilfield machinery, service industry machinery, and electrical equipment not elsewhere classified.

5. Consists primarily of manufactured homes, improvements, dormitories, net purchases of used structures, and brokers' commissions on the sale of residential structures.

6. Excludes net purchases of used structures and brokers' commissions on the sale of structures.

Table 5.3.2. Contributions to Percent Change in Real Private Fixed Investment by Type

					Seasonal	11 6.03 13.92 7 52 -4.52 0.14 -7 88 -2.05 -1.07 -(96 -1.74 -0.53 -7						
	Line	2008	2009	200	9		2010					
				III	IV	ı	II	III				
Percent change at annual rate:												
Private fixed investment	1	-6.4	-18.3	0.7	-1.3	3.3	18.9	1.7				
Percentage points at annual rates:												
Nonresidential	2	0.21	-13.34	-1.33	-1.11	6.03	13.92	7.91				
Structures		1.40	-5.52	-3.48	-8.52	-4.52	0.14	-1.26				
Commercial and health care		-0.30	-2.58	-2.55	-2.88			-0.86				
Manufacturing	5	0.48	0.21	-0.86	-1.86			-1.14				
Power and communication	6	0.32	0.11	2.12	-1.19	-2.14	-0.35	-1.52				
Mining exploration, shafts, and wells		0.39	-2.34	-0.41	-0.49	3.18	2.67	2.74				
Other structures 1		0.51	-0.92	-1.79	-2.10	-1.78	-0.59	-0.48				
Equipment and software	9	-1.19	-7.81	2.15	7.41	10.55	13.79	9.17				
Information processing equipment and software	10	1.42	0.05	4.23	6.51	2.70	5.10	3.52				
Computers and peripheral equipment	11	0.49	-0.06	0.96	2.96	0.25	2.17	-0.13				
Software ²		0.63 0.31	0.21 -0.10	1.04 2.23	2.08 1.47	1.43	1.34	2.29				
Other 3		-0.37	-0.10 -2.14	-0.95	-0.27	1.02 0.02	1.59 3.48	1.36 0.67				
Transportation equipment		-1.93	-3.65	-0.52	1.56	5.25	3.62	3.31				
Other equipment 4		-0.32	-2.07	-0.61	-0.40	2.59	1.58	1.68				
Residential		-6.58	-5.01	2.02	-0.18	-2.69	4.95	-6.25				
		-6.56	-4.97	1.97								
Structures Permanent site		-6.36 -5.18	-4.97	1.32	-0.24 -0.12	-2.75 0.09	4 .90 1.06	-6.2 € -1.98				
Single family		-3.18 -4.92	-3.50	2.67	1.10	1.18	1.45	-1.87				
Multifamily		-0.26	-0.77	-1.35	-1.21	-1.09	-0.39	-0.10				
Other structures 5		-1.38	-0.70	0.65	-0.12	-2.84	3.84	-4.29				
Equipment	1 1	-0.02	-0.03	0.06	0.06	0.06	0.04	0.01				
Addenda:		0.02	0.00	0.00	0.00	0.00	0.04	0.0				
Private fixed investment in structures	24	-5.16	-10.50	-1.52	-8.76	-7.27	5.04	-7.53				
Private fixed investment in equipment and software		-1.20	-7.85	2.21	7.46	10.60	13.83	9.18				
Private fixed investment in new structures 6	26	-4.41	-10.28	-2.55	-9.88	-5.05	3.00	-4.14				
Nonresidential structures	27	1.38	-5.51	-3.43	-8.47	-4.46	0.15	-1.24				
Residential structures		-5.79	-4.77	0.88	-1.42	-0.59	2.85	-2.90				

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3. Includes communication equipment, nonmedical instruments, medical equipment and instruments, photocopy and related equipment, and office and accounting equipment.
4. Consists primarily of furniture and fixtures, agricultural machinery, construction machinery, mining and oilfield machinery, service industry machinery, and electrical equipment not elsewhere classified.
5. Consists primarily of manufactured homes, improvements, dormitories, net purchases of used structures, and brokers' commissions on the sale of residential structures.
6. Excludes net purchases of used structures and brokers' commissions on the sale of structures.

Table 5.3.3. Real Private Fixed Investment by Type, Quantity Indexes

[Index numbers, 2005=100]

					Se	easonally adjusted		
	Line	2008	2009	2009	9		2010	
			ĺ	III	IV	ı	II	III
Private fixed investment	1	94.096	76.835	76.447	76. 198	76.826	80.219	80.549
Nonresidential	2	115.532	95.804	95.216	94.879	96.677	100.592	103.084
Structures	3	131,976	105.064	103.911	95,310	90,761	90.649	89.327
Commercial and health care	4	112.397	78.754	75.544	67.889	62.430	59,416	57.009
Manufacturing	5	162.312	174.631	176.518	154.206	133,491	126.895	112.666
Power and communication	6	163.815	167.925	180.129	170.722	154.038	151.234	139.123
Mining exploration, shafts, and wells	7	129.360	83.433	78.663	76.540	90.256	101.224	113.326
Other structures 1	8	141.877	115.316	112.392	99.916	89.368	85.567	82.540
Equipment and software	9	108.681	92.035	91.716	94.895	99.408	105.067	109.217
Information processing equipment and software	10	125.136	125.368	126.613	133.164	135.861	140.775	144.499
Computers and peripheral equipment	11	159.060	156.682	155.815	180.635	182.749	200.624	199.462
Software ²	12	116.907	118.929	119.562	123.600	126.350	128.839	133.485
Other ³	13	122.185	120.829	123.527	127.510	130.239	134.286	138.147
Industrial equipment	14	107.896	82.784	80.998	80.385	80.422	88.127	89.732
Transportation equipment	15	78.698	38.207	37.676	41.000	52.744	60.651	68.621
Other equipment 4	16	99.177	77.020	74.954	74.133	79.571	82.614	86.328
Residential	17	57.324	44.220	44.185	44.092	42.670	45.177	41.692
Structures	18	56.818	43.638	43.601	43.476	42,007	44.520	40.989
Permanent site	19	45.063	27.025	26.540	26.444	26.520	27.376	25.575
Single family	20	41.115	24.324	24.497	25.577	26.732	28.115	26.165
Multifamily	21	78.370	49.595	44.016	34.990	26.926	23.876	23.064
Other structures 5	22	76.933	71.926	72.645	72.464	68.392	73.694	67.236
Equipment	23	98.677	91.636	91.792	94.261	96.793	98.733	99.324
Addenda:		Ì		' 1		1	- 1	
Private fixed investment in structures	24	82.069	64.317	63.884	60.837	58.325	59. 9 05	57.185
Private fixed investment in equipment and software	25	108.582	92.031	91.717	94.888	99.383	105.006	109.123
Private fixed investment in new structures 6	26	84.479	65.466	64.835	61.073	59.161	60.145	58.511
Nonresidential structures	27	132.205	105.306	104.168	95.602	91.101	91.001	89.702
Residential structures	28	56.629	42.105	41.786	40.912	40.547	42.208	40.338

Table 5.3.4. Price Indexes for Private Fixed Investment by Type

[Index numbers, 2005=100]

					9	easonally adjuste	d	
	Line	2008	2009	20	2009 2010			
				III	IV	ı	11	III
Private fixed investment	1	107.053	105.260	104.294	104.030	103.661	103.487	103.486
Nonresidential	2	106.984	105.700	104.768	104.144	103,639	103.636	103,662
Structures	3	125,460	122,187	119 654	119 017	119 291	119 887	120,627
Commercial and health care	1 4	119.081	119.695					115.710
Manufacturing	5	118.274	120.815				117.989	118.401
Power and communication	6	122,299	120.791				121.865	123,176
Mining exploration, shafts, and wells	7	148.326	132.162	127.830		127.720	129.287	130.771
Other structures 1	8	115.906	114.059	112.410	111.674	111.291	110.679	110. 6 65
Equipment and software	9	100.083	99.620	99.344	98,721	97.954	97.764	97,578
Information processing equipment and software	10	92.470	89.062				87.583	87.124
Computers and peripheral equipment	11	70.639	64.734				61.989	61,448
Software ²	12	101.916	100.364	99.755		99.700	99.538	99.244
Other 3	13	92.483	88.358	88.345	87.661	87,249	86.909	86.325
Industrial equipment	14	112.440	113.766	113.741	114.098	114.362	114.891	115.174
Transportation equipment	15	102.921	109.977	110.986	105.729	101.206	100.648	100.464
Other equipment 4	16	108.232	112.772	112.223	112.063	110.841	110.947	111.577
Residential	17	106.361	102.736	101.637	102.712	102.869	102.030	101.919
Structures	18	106.426	102.758	101.657	102,816	103,004	102.175	102,089
Permanent site	19	106,207	102.804				100.505	100.746
Single family	20	104.230	99.893	98.306	99.287	99.020	97.516	97.750
Multifamily	21	119.614	120,414	119.001	120,584	120,259	118,433	118.717
Other structures 5	22	106.310	102.448	101.635	102.874	103.356	102.991	102.698
Equipment	23	101.603	99.815	98.775	96,720	95.771	94.639	93.667
Addenda:								
Private fixed investment in structures	24	114.014	110.622	108.800	109.042	109,269	109.140	109.455
Private fixed investment in equipment and software	25	100.097	99.622	99.339	98.702	97.934	97.734	97.542
Private fixed investment in new structures 6	26	115.499	112.275	110.273	110.550	110.840	110.818	111.261
Nonresidential structures	27	125.641	122.394	119.845	119.205	119,484	120.089	120.838
Residential structures	28	107.759	104.411	103.044	104.493	104.810	104.053	104.154

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3. Includes communication equipment, nonmedical instruments, medical equipment and instruments, photocopy and related equipment, and office and accounting equipment.

4. Consists primarily of furniture and fixtures, agricultural machinery, construction machinery, mining and oilfield machinery, service industry machinery, and electrical equipment not elsewhere classified.

5. Consists primarily of manufactured homes, improvements, dormitories, net purchases of used structures, and brokers' commissions on the sale of residential structures.

6. Excludes net purchases of used structures and brokers' commissions on the sale of structures.

Consists primarily of religious, educational, vocational, lodging, railroads, farm, and amusement and recreational structures, net purchases of used structures, and brokers' commissions on the sale of structures.
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 Consists primarily of manufactured homes, improvements, dormitories, net purchases of used structures, and brokers' commissions on the sale of residential structures.
 Excludes net purchases of used structures and brokers' commissions on the sale of structures.

Table 5.3.5. Private Fixed Investment by Type

[Billions of dollars]

					Seasonally	adjusted at annu	al rates		
	Line	2008	2009	2009	!		2010		
				III	īV	I	И	III	
Private fixed investment	1	2,137.8	1,716.4	1,691.8	1,681.9	1,689.8	1,761.4	1,768.7	
Nonresidential	2	1,665.3	1,364.4	1,343.8	1,330.9	1,349.6	1,404.2	1,439.3	
Structures		582.4	451.6	436.6	398.2	380.1	381.5	378.3	
Commercial and health care	4	181.9	128.1	120.2	107.4	98.2	93.0	89.4	
Manufacturing	5	57.4	63.1	62.1	54.4	47.0	44.7	39.9	
Power and communication	6	90.5	91.6	96.9	91.5	83.3	83.3	77.4	
Mining exploration, shafts, and wells		147.9	85.0	77.0	74.1	88.3	100.2	113.5	
Other structures 1		104.8	83.8	80.4	71.0	63.3	60.2	58.1	
Equipment and software	9	1,082.9	912.8	907.2	932.7	969.5	1,022.7	1,061.1	
Information processing equipment and software	10	549.9	530.7	533.7	559.0	568.0	586.2	598.6	
Computers and peripheral equipment	11	88.6	80.0	78.9	90.1	90.5	98.4	96.9	
Software 2	12	259.7	260.2	260.0	269.4	274.7	279.6	288.8	
Other ³		201.6	190.4	194.7	199.5	202.8	208.3	212.8	
Industrial equipment		193.7	150.4	147.1	146.4	146.8	161.6	165.0	
Transportation equipment		147.2	76.4	76.0	78.8	97.0	110.9	125.3	
Other equipment 4		192.1	155.4	150.5	148.6	157.7	163.9	172.3	
Residential	17	472.5	352.1	348.0	351.0	340.2	357.2	329.3	
Structures	18	462.7	343.1	339.1	342.1	331.1	348.1	320.2	
Permanent site	19	230.1	133.6	129.2	130.0	130.1	132.2	123.8	
Single family	20	185.8	105.3	104.4	110.1	114.8	118.9	110.9	
Multifamily	21	44.3	28.2	24.8	20.0	15.3	13.4	13.0	
Other structures 5	22	232.6	209.5	210.0	212.0	201.0	215.9	196.4	
Equipment	23	9.8	8.9	8.9	8.9	9.1	9.1	9.1	
Addenda:		İ	ì			1			
Private fixed investment in structures	24	1,045.1	794.7	775.7	740.3	711.2	729.6	698.5	
Private fixed investment in equipment and software	25	1,092.7	921.7	916.1	941.6	978.6	1,031.8	1,070.2	
Private fixed investment in new structures 6	26	982.8	740.3	719.4	679.2	659.7	670.5	654.9	
Nonresidential structures	27	581.9	451.5	436.6	398.5	380.6	382.1	379.0	
Residential structures	28	400.9	288.8	282.8	280.8	279.1	288.4	275.9	

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3. Includes communication equipment, nonmedical instruments, medical equipment and instruments, photocopy and related equipment, and office and accounting equipment.

4. Consists primarily of furniture and fixtures, agricultural machinery, construction machinery, mining and oilfield machinery, service industry machinery, and electrical equipment not elsewhere classified.

5. Consists primarily of manufactured homes, improvements, dormitories, net purchases of used structures, and brokers' commissions on the sale of residential structures.

6. Excludes net purchases of used structures and brokers' commissions on the sale of structures.

Table 5.3.6. Real Private Fixed Investment by Type, Chained Dollars

					Seasona	lly adjusted at an	nual rates		
	Line	2008	2009	20	09	2010			
				111	ΙV	Ï	II	III	
Private fixed investment	1	1,997.0	1,630.7	1,622.4	1,617.1	1,630.5	1,702.5	1,709.5	
Nonresidential	2	1,556.6	1,290.8	1,282.9	1,278.3	1,302.6	1,355.3	1,388.9	
Structures	3	464.2	369.6	365.5	335.3	319.3	318.9	314.2	
Commercial and health care	4	152.8	107.0	102.7	92.3	84.9	80.8	77.5	
Manufacturing	5	48.5	52.2	52.8	46.1	39.9	37.9	33.7	
Power and communication	6	74.0	75.8	81.3	77.1	69.6	68.3	62.8	
Mining exploration, shafts, and wells	7	99.7	64.3	60.6	59.0	69.6	78.0	87.3	
Other structures 1	8	90.4	73.5	71.6	63.7	57.0	54.5	52.6	
Equipment and software	9	1,082.0	916.3	913.1	944.7	989.7	1,046.0	1,087.3	
Information processing equipment and software	10	594.7	595.8	601.8	632.9	645.7	669.1	686.8	
Computers and peripheral equipment 2									
Software ³	12	254.9	259.3	260.7	269.5	275.4	280.9	291.0	
Other ⁴	13	217.9	215.5		227.4	232.3	239.5	246.4	
Industrial equipment		172.2	132.2	129.3	128.3	128.4	140.7	143.3	
Transportation equipment	16	143.0 177.5	69.4	68.5	74.5	95.8	110.2	124.7	
Other equipment 5			137.8	134.1	132.7	142.4	147.8	154.5	
Residential	17	444.2	342.7	342.4	341.7	330.7	350.1	323.1	
Structures	18	434.7	333.9	333.6	332.7	321.4	340.7	313.6	
Permanent site	19	216.7	129.9	127.6	127.1	127.5	131.6	123.0	
Single family	20	178.2	105.4	106.2	110.9	115.9	121.9	113.4	
Multifamily	21	37.1	23.5	20.8	16.6	12.7	11.3	10.9	
Other structures 6	22	218.8	204.5	206.6	206.1	194.5	209.6	191.2	
Equipment	23	9.7	9.0	9.0	9.2	9.5	9.7	9.7	
Residual	24	-3.2	-22.3	-25.0	-38.8	-41.6	-46.9	-46.9	
Addenda:									
Private fixed investment in structures	25	916.6	718.4	713.5	679.5	651.4	669.1	638.7	
Private fixed investment in equipment and software		1.091.6	925.2	922.1	954.0	999.1	1.055.7	1,097.1	
Private fixed investment in new structures 7	27	850.9	659.4	653.0	615.1	595.9	605.8	589.3	
Nonresidential structures	28	463.2	368.9	364.9	334.9	319.2	318.8	314.3	
Residential structures	29	372.0	276.6	274.5	268.7	266.3	277.3	265.0	
	1 1	•				1			

^{1.} Consists primarily of religious, educational, vocational, lodging, railroads, farm, and amusement and recreational structures, net purchases of used structures, and brokers' commissions on the sale of structures.

2. The quantity index for computers can be used to accurately measure the real growth rate of this component. However, because computers exhibit rapid changes in prices relative to other prices in the economy, the chained-dollar estimates should not be used to measure the component's relative importance or its contribution to the growth rate of more aggregate series, accurate estimates of these contributions are shown in table 5.3.2 and real growth rates are shown in table 5.3.1.

3. Excludes software "embedded," or bundled, in computers and other equipment.

4. Includes communication equipment, normedical instruments, medical equipment and instruments, photocopy and related equipment, and office and accounting equipment.

5. Consists primarily of truntiture and fixtures, agricultural machinery, construction machinery, milning and oilfield machinery, service industry machinery, and electrical equipment not elsewhere classified.

6. Consists primarily of manufactured homes, improvements, dormitories, net purchases of used structures, and brokers' commissions on the sale of residential structures.

Note: Chained (2005) dollar series are calculated as the product of the chain-type quantity index and the 2005 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Table 5.6.5B. Change in Private Inventories by Industry

[Billions of dollars]

		ĺ	į		Seasonally	adjusted at annua	ıl rates	
	Line	2008	2009	2009			2010	
				III	IV	ı	II	III
Change in private inventories	. 1	-41.1	-127.2	-143.3	-44.2	50.0	80.4	126.6
-arm	. 2	1.6	3.8	-0.7	7.1	9.3	9.6	7.3
Vlining, utilities, and construction	. 3	-11.0	-3.3	-2.0	-17.3	~11.9	4.9	-1.3
Manufacturing	. 4	-11.3	-30.4	-37.1	-7.0	23.6	-2.1	26.2
Durable goods industries	. 5	-5.9	-34.2	-41.3	-21.8	9.9	25.0	18.4
Nondurable goods industries	. 6.	-5.4	3.8	4.3	14.8	13.7	-27.1	7.8
Wholesale trade		1.8	-56.0	-68.2	-10.9	15.7	36.5	58.5
Durable goods industries		8.3	-52.7	-53.1	-27.5	9.3	12.7	29.8
Nondurable goods industries		-6.5	-3.4	-15.1	16.6	6.3	23.8	28.7
Retail trade		-27.7	-33.8	-27.5	-9.5	13.7	27.2	33.7
Motor vehicle and parts dealers		-12.1	-13.3	-3.9	6.5	12.3	17.2	27.2
Food and beverage stores		-0.4	-0.7	-0.7	-3.4	1.3	-1.1	0.4
General merchandise stores		-3.2	-3.3	-4.8	-1.1	-0.2	4.9	2.5
Other retail stores		-12.0	-16.6	-18.1	-11.5	0.3	6.2	3.6
Other industries	. 15	5.5	-7.5	-7.9	-6.6	-0.3	4.3	2.2
Addenda:								
Change in private inventories	. 16	-41.1	~127.2	-143.3	-44.2	50.0	80.4	126.6
Durable goods industries		-25.7	-114.4	109.6	-60.2	26.7	55.3	75.3
Nondurable goods industries	. 18	-15.4	-12.8	-33.7	16.0	23.2	25.1	51.3
Nonfarm industries	. 19	-42.7	-131.1	-142.6	-51.3	40.7	70.8	119.3
Nonfarm change in book value 1		4.6	-152.7	-134.6	25.1	93.6	67.3	162.0
Nonfarm inventory valuation adjustment 2	. 21	-47.4	21.6	-8.0	-76.3	~53.0	3.5	-42.6
Wholesale trade	. 22	1.8	-56.0	-68.2	-10.9	15.7	36.5	58.5
Merchant wholesale trade		0.5	-45.2	-60.1	-8.0	7.2	22.0	46.
Durable goods industries		6.3	-42.1	-44.7	-23.2	6.3	7.8	22.4
Nondurable goods industries		-5.8	-3.0	-15.4	15.2	0.9	14.2	24.3
Nonmerchant wholesale trade		1.2	-10.9	-8.1	-2.9	8.4	14.5	11.8

Table 5.6.6B. Change in Real Private Inventories by Industry, Chained Dollars

2009 -113.1 3.4 -2.8 -26.6 -31.5 3.8 -48.9 -48.7 -2.2	2009 III -128.2 -0.6 -1.8 -32.6 -37.9 4.1 -59.3 -48.8 -11.9	-36.7 6.4 -15.7 -4.6 -20.0 13.8 -8.7	44.1 7.6 -10.4 21.0 8.9 11.9 13.2	2010 II 68.8 7.8 4.3 -3.4 22.1	111.5 5.7 -1.2 23.3
3.4 -2.8 -26.6 -31.5 3.8 -48.9 -48.7	-128.2 -0.6 -1.8 -32.6 -37.9 4.1 -59.3 -48.8	-36.7 6.4 -15.7 -4.6 -20.0 13.8 -8.7	7.6 -10.4 21.0 8.9 11.9	7.8 4.3 -3.4 22.1	111.5 5.7 -1.2 23.3
3.4 -2.8 -26.6 -31.5 3.8 -48.9 -48.7	-0.6 -1.8 -32.6 -37.9 4.1 -59.3 -48.8	6.4 -15.7 -4.6 -20.0 13.8 -8.7	7.6 -10.4 21.0 8.9 11.9	7.8 4.3 -3.4 22.1	5.7 -1.2 23.3
-2.8 -26.6 -31.5 3.8 -48.9 -48.7	-1.8 -32.6 -37.9 4.1 -59.3 -48.8	-15.7 -4.6 -20.0 13.8 -8.7	-10.4 21.0 8.9 11.9	4.3 -3.4 22.1	-1.2 23.3
-26.6 -31.5 3.8 -48.9 -48.7	-32.6 -37.9 4.1 -59.3 -48.8	-4.6 -20.0 13.8 -8.7	21.0 8.9 11.9	-3.4 22.1	23.3
-31.5 3.8 -48.9 -48.7	~37.9 4.1 ~59.3 ~48.8	-20.0 13.8 8.7	8.9 11.9	22.1	
3.8 -48.9 -48.7	4.1 -59.3 -48.8	13.8 8.7	11.9		
-48.9 -48.7	-48.8	8.7			16.3
-48.7	-48.8		13.2	-24.4	7.1
		04.0		31.2	50.2
-2.2	44.0	-24.9	8.3	11.4	26.6
	-11.91	13.9	4.9	19.0	23.2
-31.4	-25.5	-8.8	12.6	24.9	30.7
-13.0	-3.8	6.2	11.9	16.6	25.8
-0.6	-0.6	-2.9	1.1	-0.9	0.4
-3.0	-4.4	-1.0	-0.2	4.4	2.3
-15.0	-16.3	-10.3	0.3	5.6	3.3
-6.9	-7.3	-6.0	-0.2	3.9	2.0
3.4	1.1	3.8	0.0	-1.0	0.0
-113.1	-128.2	-36.7	44.1	68.8	111.5
					68.0
					44.5
					106.0
					50.2
					40.0
			5.7		20.0
			0.7		19.5
_211			6.9		10.2
	-106.7 -9.6 -116.9 -48.9 -39.5 -38.8 -2.1	-106.7	-106.7	-106.7	-106.7 -102.1 -55.6 24.4 50.0 -9.6 -28.5 16.3 20.0 19.8 -116.9 -127.7 -43.0 36.5 61.0 -48.9 -59.3 -8.7 13.2 31.2 -39.5 -52.3 -6.8 6.1 18.7 -38.8 -41.0 -20.9 5.7 7.0 -2.1 -12.3 12.3 0.7 11.2

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

Chained (2005) dollar series for real change in private inventories are calculated as the period-to-period change in chained-dollar end-of-period inventories. Quarterly changes in end-of-period inventories are stated at annual rates. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

^{1.} This series is derived from the Census Bureau series "current cost inventories"
2. The inventory valuation adjustment (IVA) shown in this table differs from the IVA that adjusts business incomes. The IVA in this table reflects the mix of methods (such as first-in, first-out and last-in, first-out) underlying inventories derived primarily from Census Bureau statistics (see footnote 1). This mix differs from that underlying business income derived primarily from Internal Revenue Service statistics.

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

Table 5.7.5B. Private Inventories and Domestic Final Sales by Industry

[Billions of dollars]

			Seasonally:	adjusted quarterly to	tals	
	Line	2009	-		2010	
		111	IV	1	II	m
Private inventories 1	1	1,886.7	1,922.8	1,954.7	1,952.6	2,036.5
Farm		174.6	178.8	1 8 8.8	186.1	212.6
Mining, utilities, and construction	3	85.8	85.7	86.8	86.3	86.8
Manufacturing	4	576.1	593.7	597.5	588.4	604.6
Durable goods industries	5!	324.6	321.6	328.7	336.3	342.3
Nondurable goods industries	6	251.5	272.1	268.8	252.1	262.3
Wholesale trade	7.	440.1	449.5	458.0	461.1	489.6
Durable goods industries	8	242.2	238.0	242.9	246.6	254.6
Nondurable goods industries		197.9	211.5	215.1	214.5	235.0
Retail trade		461.4	465.9	472.8	479.0	490.7
Motor vehicle and parts dealers		133.8	137.1	141.2	146.9	154.8
Food and beverage stores		41.3	41.8	43.0	41.8	42.3
General merchandise stores		77.5	77.7	78.0	79.4	80.5
Other retail stores	14	208.9	209.3	210.6	210.8	213.1
Other industries	15	148.7	149.1	150.9	151.7	152.2
Addenda:						
Private inventories	16	1,886.7	1,922.8	1.954.7	1.952.6	2.036.5
Durable goods industries		786.0	778.5	794.0	811.4	832.6
Nondurable goods industries		1,100.7	1,144.3	1.160.7	1,141.2	1,204.0
Nonfarm industries	19	1,712.1	1.744.0	1.766.0	1.766.5	1,824.0
Wholesale trade	20	440.1	449.5	458.0	461.1	489.6
Merchant wholesale trade		386.7	393.8	398.7	400.8	424.7
Durable goods industries		217.8	214.5	218.4	220.8	424.7 226.9
Nondurable goods industries	22	169.0	179.3	180.4	180.1	197.8
Nonmerchant wholesale trade		53.4	55.7	59.2	60.3	65.0
Final sales of domestic business 2		782.9	786.6	790.1	795.9	803.6
Final sales of goods and structures of domestic business 2	26	408.5	407.7	408.5	410.2	413.8
Ratios of private inventories to final sales of domestic business:		i		1		
Private inventories to final sales	27	2.41	2.44	2.47	2.45	2.53
Nonfarm inventories to final sales	28	2.19	2.22	2.23	2.22	2.27
Nonfarm inventories to final sales of goods and structures		4.19	4.28	4.32	4.31	4.41

^{1.} Inventories are as of the end of the quarter. The quarter-to-quarter change in inventories calculated from current-dollar inventories in this table is not the current-dollar change in private inventories component of GDP. The former is the difference between two inventory stocks, each valued at its respective end-of-quarter prices. The latter is the change in the physical volume of inventories valued at average prices of the quarter. In addition, changes calculated from this table are at quarterly rates, whereas, the change in private inventories is stated at annual rates.

2. Quarterly totals at monthly rates. Final sales of domestic business equals final sales of domestic product less gross output of general government, gross value added of nonprofit institutions, compensation paid to domestic workers, and imputed certal of owner-occupied nonlarm housing. It includes a small amount of final sales by farm and by government enterprises.

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

Table 5.7.6B. Real Private Inventories and Real Domestic Final Sales by Industry, Chained Dollars

			Seasor	nally adjusted quarte	rly totals	
	Line	20	009		2010	
		III	IV	1	11	III
Private inventories 1	1	1,711.3	1,702.2		1,730.4	1,758.3
Farm.	2 '	158.7	160.3		164.1	165.6
Mining, utilities, and construction	3	81.8	77.9		76.3	76.0
Manufacturing	4:	513.7	512.5		517.0	522.8
Durable goods industries	5	295.9		293.1	298.6	302.7
Nondurable goods industries	6	217.4	220.9	223.8	217.8	219.5
Wholesale trade	7 !	388.0	385.9	389.2	397.0	409.5
Durable goods industries	8	222.5	216.2		221.2	227.8
Nondurable goods industries	9	164.8	168.3		174.2	180.0
Retail trade	10	430.4	428.2	431.4	437.6	445.3
Motor vehicle and parts dealers	11	131.9	133.5		140.6	147.0
Food and beverage stores	12	36.3	35.6		35.6	3 5.7
General merchandise stores	13	71.0	70.8		71.9	72.4
Other retail stores	14	190.3			189.2	190.0
Other industries	15	137.0			136.5	137.0
Residual	16	3.7	4.6	4.8	4.4	4.6
Addenda:						
Private inventories	17	1,711.3	1,702.2	1,713.2	1,730.4	1,758.3
Durable goods industries	18	730.0	716.1	722.2	734.7	751.7
Nondurable goods industries	19	978.2	982.3	987.3	992.2	1.003.4
Nonfarm industries	20	1,552.1	1,541.4	1.550.5	1,565.8	1,592.3
Wholesale trade	21	388.0	385.9	389.2	397.0	409.5
Merchant wholesale trade	22	340.4	338.8	340.3	345.0	355.0
Durable goods industries	23	199.6	194.3		197.5	202.5
Nondurable goods industries	24	140.2	143.2	143.4	146.2	151.1
Nonmerchant wholesale trade	25	47.6		48.8	51.9	54.5
Final sales of domestic business ²	26	726.6	732.2	734.7	735.1	736.7
Final sales of goods and structures of domestic business 2	27	388.8	393.2	396.3	395.4	394.3
Ratios of private inventories to final sales of domestic business:	. 1				ĺ	_
Private inventories to final sales	28	2.36	2.32	2.33	2.35	2.39
Nonfarm inventories to final sales	29	2.14	2.11	2.11	2.13	2.39
Nonfarm inventories to final sales of goods and structures	30	3.99	3.92	3.91	3.96	4.04
	30	0.33	3.52]	3.50	4.04

Inventories are as of the end of the quarter. The quarter-to-quarter changes calculated from this table are at quarterly rates, whereas the change in private inventories component of GDP is stated at annual rates.
 Quarterly totals at monthly rates. Final sales of domestic business equals final sales of domestic product less gross output of general government, gross value added of nonprofit institutions, compensation paid to domestic workers, and imputed rental of owner-occupied nonfarm housing. It includes a small amount of final sales by farm and by government enterprises.
 Note. Estimates in this table are based on the North American Industry Classification System (NAICS).
 Chained (2005) dollar inventory series are calculated to ensure that the chained (2005) dollar change in inventories for 2005 equals the current-dollar change in inventories for 2005 and that the average of the 2004 and 2005 end-of-year chain-weighted and fixed-weighted inventories are equal.

Table 5.7.9B. Implicit Price Deflators for Private Inventories by Industry

[Index numbers, 2005=100]

	Line	20	09		2010	
		III	IV	I	II	111
Private inventories 1		110.247	112.964	114.098	112.843	115.825
ārm		110.010	111.544	116.377	113.388	
Mining, utilities, and construction		104.852	110.114	115.324	113.092	
Manufacturing	4	112.151	115.838	115.392	113.819	
Durable goods industries	5	109.695	110.578	112.134	112.626	113.095
Nondurable goods industries	6	115.691	123.179	120.103	115.761	119.487
Wholesale trade		113.419	116.497	117.682	116.168	119.564
Durable goods industries	8	108.860	110.080	111.270		111.756
Nondurable goods industries	9	120.134	125.704	126.893	123.121	130.547
Retail trade		107.194	108.803	109.610	109.453	110.202
Motor vehicle and parts dealers	11	101.404	102.745	103.500	104.513	105.265
Food and beverage stores	12	113.723	117.529	119.917	117.334	118.408
General merchandise stores	13	109.095	109.789	110.220	110.532	111.185
Other retail stores	14	109.757	111.482	112.169	111.435	112.158
Other industries	15	108.529	110.017	111.353	111.156	111.139
Addenda:						
Private inventories	16	110.247	112.964	114.098	112.843	115.825
Durable goods industries		107.663	108.717	109.939		
Nondurable goods industries		112.525	116.494	117.566		119.995
Nonfarm industries		110.306	113.147	113.894	112.821	114.550
Wholesale trade		113.419	116.497	117.682		119.564
Merchant wholesale trade		113.593	116.250	117.178	116.198	119.642
Durable goods industries		109.108	110.346	111.536		112.029
Nondurable goods industries		120.546	125.205	125.786	123.150	130.913
Nonmerchant wholesale trade		112.218	118.292	121.292	116.146	

^{1.} Implicit price deflators are as of the end of the quarter and are consistent with inventory stocks. Note, Estimates in this table are based on the North American Industry Classification System (NAICS).

6. Income and Employment by Industry

Table 6.1D. National Income Without Capital Consumption Adjustment by Industry

[Billions of dollars]

					Seasonally	adjusted at annua	l rates		
	Line	2008	2009	2009		2010			
				III	IV	ı	II	III	
National income without capital consumption adjustment	1	12,444.2	12,173.0	12,144.1	12,354.4	12,706.6	12,868.0	12,986.3	
Domestic industries	2	12,269.7	12,026.8	11,976.9	12,188.8	12,515.4	12,672.7	12,796.5	
Private industries	3 -	10,726.9	10,429.5	10,375.1	10.582.2	10.891.9	11.039.6	11,170,1	
Agriculture, forestry, fishing, and hunting	4	119.0	99.6	96.5	106.1	106.7	110.4		
Mining	5	253.6	196.1	182.7	200.5	240.0	229.5		
<u>Utilities</u>		181.4	184.3	174.8	180.3	197.5	189.8		
Construction	7	626.1	518.6	511.1	505.4	503.4	511.9		
Manufacturing	8	1,330.6	1,215.2	1,199.3	1,232.5	1,314.0	1,360.9		
Durable goods	9	755.3	689.8	680.3	717.3	774.2	799.1		
Nondurable goods		575.3	525.4	519.0	515.2	539.8	561.8		
Wholesale trade	11	756.6	706.1	695.4	696.5	724.4	749.3		
Retail trade	12	834.0	812.4	804.9	815.5	854.8	861.0		
Transportation and warehousing		364.4	337.9	332.0	339.5	353.8	371.5		
Information		442.3	423.2	424.4	449.2	466.7	457.5		
Finance, insurance, real estate, rental, and leasing		2,061.8	2,200.7	2,235.9	2,290.4	2,313.2	2,322.6		
Professional and business services 1		1,737.1	1,684.8	1,659.3	1,694.3	1,719.5	1,745.1		
Educational services, health care, and social assistance	17	1,184.9	1,244.8	1,251.4	1,266.6	1,277.4	1,300.2		
Arts, entertainment, recreation, accommodation, and food services		475.3	453.0	454.1	452.0	464.2	470.9		
Other services, except government	19	359.8	352.8	353.3	353.5	356.1	359.1	·	
Government	20	1,542.8	1,597.2	1,601.7	1,606.6	1,623.5	1,633.1	1,626.3	
Rest of the world	21	174.5	146.3	167.2	165.5	191.2	195.3	189.8	

^{1.} Consists of professional, scientific, and technical services; management of companies and enterprises; and administrative and waste management services. Note. Estimates in this table are based on the 2002 North American Industry Classification System (NAICS).

Table 6.16D. Corporate Profits by Industry

					Seasonally	adjusted at annua	l rates	
	Line	2008	2009	2009			2010	
	İ			III	IV	1	II	Ш
Corporate profits with inventory valuation and capital consumption adjustments	1	1,262.8	1,258.0	1,297.5	1,418.2	1,566.6	1,614.1	1,658.9
Domestic industries	: 2	851.5	905.7	933.2	1,055.7	1,178.1	1,222.7	1,274.7
Financial 1		128.0	242.4	286.1	332.4	337.6	334.2	367.
Nonfinancial	, 4	723.5	663.3	647.1	723.2	840.4	888.6	907.
Rest of the world	5	411.3	352.3	364.2	362.6	388.5	391.3	383.
Receipts from the rest of the world	6	571.8	480.6	487.8	529.1	561.4	557.5	567.
Less: Payments to the rest of the world.		160.5	128.3	123.6	166.5	172.9	166.1	184.
Corporate profits with inventory valuation adjustment		1,289.1	1,328.6	1,360.5	1,481.2	1,736.5	1,784.7	1,827.
Domestic industries		877.8	976.3	996.2	1,118.6	1.348.0	1,393.4	1,444.
Financial	10	139.9	258.0	300.2	346.7	362.7	359.4	392.
Federal Reserve banks	11	35.1	47.3	49.2	49.6	56.9	60.3	62
Other financial 2	12	104.9	210.6	251.0	297.1	305.8	299.1	330.
Nonfinancial		737.9	718.4	696.0	771.9	985.3	1.034.0	1.051.
Utilities		28.3	30.0	22.4	26.4	41.5	32.8	
Manufacturing		183.7	150.9	151.8	170.9	250.4	277.1	
Durable goods		51.4	53.3	55.0	83.9	140.1	147.0	
Fabricated metal products		16.6	16.4	14.4	12.0	17.4	17.0	
Machinery		15.6	12.4	11.4	14.3	19.9	23.3	
Computer and electronic products		8.9	13.4	12.9	24.1	44.8	51.2	
Electrical equipment, appliances, and components	20	3.6	6.1	5.6	6.3	9.2	9.6	
Motor vehicles, bodies and trailers, and parts	21	-34.6	-23.5	-11.9	-4.6	5.7	8.4	
Other durable goods 3	22	41.3	28.5	22.5	31.8	43.2	37.6	
Nondurable goods	23	132.3	97.5	96.7	87.0	110.3	130.1	l
Food and beverage and tobacco products	24	28.4	35.4	38.1	31.5	36.6	35.1	
Petroleum and coal products	25	78.2	15.7	8.1	9.7	33.5	55.2	
Chemical products	26	22.2	36.4	38.8	35.1	28.7	30.6	
Other nondurable goods ⁴		3.4	10.1	11.7	10.7	11.6	9.2	
Wholesale trade	28	84.0	80.4	70.8	73.0	91.5	107.7	
Retail trade	29	75.0	99.0	101.3	97.1	129.1	126.7	
Transportation and warehousing	30	28.1	24.7	22.0	29.5	39.4	52.4	
Information	31	75.2	83.5	81.3	109.0	112.9	104.9	
Other nonfinancial 5	32	263.6	250.0	246.6	266.0	320.4	332.5	
Rest of the world		411.3	352.3	364.2	362.6	388.5	391.3	383.

^{1.} Consists of finance and insurance and bank and other holding companies.
2. Consists of credit intermediation and related activities; securities, commodity contracts, and other financial investments and related activities; insurance carriers and related activities; funds, trusts, and other financial vehicles; and bank and other

^{2.} Consists of treori infermediation and related activities, summest, commonly commons, and other transportation equipment; furniture and related products; and miscellaneous manufacturing.
3. Consists of wood products; nonmetallic mineral products; primary metals; other transportation equipment; furniture and related products; and miscellaneous manufacturing.
4. Consists of textile military and transportation and textile military and plastics and rubber products.
5. Consists of agriculture, forestry, fishing, and hunting, mining; construction, real estate and rental and leasing, professional, scientific, and technical services, administrative and waste management services; educational services; health care and social assistance; arts, entertainment, and recreation; accommodation and food services; and other services, except government.

Note. Estimates in this table are based on the 2002 North American Industry Classification System (NAICS).

7. Supplemental Tables

Table 7.1. Selected Per Capita Product and Income Series in Current and Chained Dollars

					Seasonally	adjusted at annua	rates		
	Line	2008	2009	2009			2010		
				Ш	IV	1	B .	III	
Current dollars:						:			
Gross domestic product	1 1:	47,138	45,918	45,855	46,277	46,734	47,070	47,514	
Gross national product	2	47,710	46,394	46,398	46,813	47,352	47,701	48,126	
Personal income		40,649	39,595	39,517	39,670	39,953	40,414	40,589	
Disposable personal income	: 4	35,931	35,888	35,888	36,049	36,282	36,704	36,792	
Personal consumption expenditures	5	33,148	32,526	32,619	32,839	33,097	33,208	33,448	
Goods	6	11.087	10.507	10,643	10.738	10.934	10,905	11,000	
Durable goods	7	3,554	3.338	3,395	3,384	3,431	3,468	3,502	
Nondurable goods	8	7,532	7.169	7.248	7,354	7,503	7.437	7,497	
Services	9:	22,061	22.019	21,976	22,101	22,162	22,304	22,449	
Chained (2005) dollars:	l .					·	,		
Gross domestic product	10	43.397	41,890	41,781	42.198	42,504	42.602	42,770	
Gross national product	11	43,922	42,327	42,278	42,688	43,067	43,176	43,325	
Disposable personal income		32,946	32,847	32,746	32,673	32,717	33,100	33,096	
Personal consumption expenditures		30,394	29,770	29.763	29,764	29,844	29,948	30,087	
Goods	14	10,433	10,139	10,195	10,216	10,337	10.405	10,471	
Durable goods		3.728	3,560	3,633	3,614	3,684	3,738	3.797	
Nondurable goods		6,696	6,561	6.552	6,587	6,643	6,662	6.676	
	10					19,506	19,544	19,619	
Services	1 1/	19,953	19,619	19,559	19,541				
Population (midperiod, thousands)	18	304,831	307,483	307,815	308,521	309,120	309,724	310,438	

Table 7.2.1B. Percent Change from Preceding Period in Real Motor Vehicle Output

			:		Seasonally	adjusted at annua	I rates	
	Line	2008	2009	2009			2010	
				111	IV	ı	II	III
Motor vehicle output	1	-18.6	-24.7	145.5	13.7	42.3	-2.7	28.7
Auto output	2	-7.0	-33.0	65.6	21.4	69.7	-18.2	-24.7
Truck output	3	-25.5	-18.5	214.6	9.3	27.5	8.4	71.5
Final sales of domestic product		-17.9	-19.2	9.6	-16.6	45.4	-4.1	11.8
Personal consumption expenditures		-15.0	-6.9	52.0	-24.6	-3.8	6.3	5.5
New motor vehicles		-19.5	-11.5	109.5	-31.8	-6.6	10.8	-0.9
AutosLight trucks (including utility vehicles)	7 8	-10.4 -25.9	-16.6 -7.1	259.6 35.7	~57.2 -0.4	-12.3 -2.2	-15.8 33.2	1.6 -2.4
Net purchases of used autos and used light trucks	9	-25.9 -6.1	1.3	-9.7	-10.4 -10.6	0.9	-0.5	16.0
Used autos	10	-5.6	-5.1	-6.2	-4.0	0.4	-9.4	13.6
Used light trucks (including utility vehicles)	11.	-6.5	6.6	-12.2	-15.3	1.2	6.8	17.8
Private fixed investment	12	-30.6	-61.7	-26.0	216.0	377.2	113.6	47.0
New motor vehicles	13	-20.6	-33.4	31.8	52.0	42.7	20.0	24.8
Autos	14	-14.0	-26.9	18.2	54.1	63.0	7.2	2.1
Trucks	15	-24.7	-38.0	44.4	50.3	27.4	32.0	46.1
Light trucks (including utility vehicles)	16	-24.8	-39.4	44.1	44.2	37.1	43.9	41.7
Other	17	-24.5	-33.5	45.0	69.9	1.9	-0.7	62.1 3.5
Net purchases of used autos and used light trucks	18 19	-0.5 2.6	8.6 2.3	83.6 34.3	2.5 72.1	-38.1 -40.7	-31.4 -46.0	3.5 -13.6
Used light trucks (including utility vehicles)	20	-3.3	14.5	137.2	-34.4	-35.6	-15.1	19.9
Gross government investment	21	2.2	-20.0	46.1	-22.9	-32.3	78.3	13.4
Autos	22	-5.7	-18.6	55.4	-11.0	-46.4	171.8	-32.2
Trucks		4.5	-20.4	43.6	-26.0	-27.9	59.0	30.1
Net exports	24							
Exports	25	6.4	-39.2	160.7	81.9	42.4	8.6	-11.6
Autos	26	16.7	-44.2	145.4	78.9	25.5	6.3	-9.9
Trucks	27	-4.8	-32.5	178.9	85.3	62.4	11.0	-13.2
Imports	28	-11.7 -0.8	-34.5	269.7	48.9	-12.2 -38.5	118.3 156.0	7.0 4 5.0
Autos	29	-0.8 -22.0	-29.1 -40.9	300.5 228.4	26.5 88.9	37.0	81.0	-28.5
Trucks	31	-22.0	-10.3	220.4	00.3	37.0	01.0	20.5
Change in private inventories	1 44							
New								
Domestic	34 .							
Foreign	35 .							
Used	36 .							
Trucks	37 .							
New								
Domestic	1 77 1							
Foreign	41							
Addenda:	71							
Final sales of motor vehicles to domestic purchasers	42	-18.9	-21.3	38.6	-9.2	23.4	24.7	13.7
Private fixed investment in new autos and new light trucks	43	-20.0	-33.4	29.7	49.3	50.3	23.3	20.1
Domestic output of new autos 2	44	-4.4	-40.9	247.3	58.4	8.8	14.5	-16.6
Sales of imported new autos 3	45	-10.4	-16.5	99.1	-32.5	29.4	-2.1	22.4

Consists of used light trucks only.
 Consists of final sales and change in private inventories of new autos assembled in the United States.
 Consists of sales of imported new autos in personal consumption expenditures, in private fixed investment, and in gross government investment.

Table 7.2.3B. Real Motor Vehicle Output, Quantity Indexes

[Index numbers, 2005=100]

					Seas	onally adj	usted	
	Line	2008	2009	20	09		2010	
		2000	2000	111	IV	1	11	111
Motor vehicle output	1	80.384	60.568	66.657	68.836	75.184	74.677	79.532
Auto output	2	93.832	62.905	67.468	70.822	80.831	76.874	71.604
Truck output	3	72.682	59.266	66.204	67.694	71.937	73.405	84.003
Final sales of domestic product	4	81.931	66.201	67.403	64.421	70.738	70.009	71.992
Personal consumption								
expenditures	5	83.389	77.640	82.996	77.333	76.596	77.767	78.810
New motor vehicles	6	76.757	67.926	75.946	69.025	67.862	69.630	69.473
Autos	7	87.900	73.285	89.521	72.423	70.086	67.142	67.402
Light trucks (including	8	69.341	64.428	66.892	66.828	66.457	71.394	70.958
utility vehicles) Net purchases of used autos	0	09.341	04.420	00.092	00.020	00.43/	71.394	70.956
and used light trucks	9	97.989	99.272	98.374	95.646	95.852	95.740	99.364
Used autos	10	90.487	85.912	84.847	83.989	84.083	82.023	84.672
Used light trucks								
(including utility	١							
vehicles)	11	105.307	112.286	111.543	106.999	107.314	109.092	113.657
Private fixed investment	12	68.035	26.089	23.802	31.736	46.905	56.705	62.437
New motor vehicles	13	81.892	54.524	55.644 68.432	61.783	67.525 86.142	70.670	74.691 88.114
Autos Trucks	14	91.636 76.224	66.992 47.265	48.195	76.243 53.363	56.694	87.659 60.769	66.814
Light trucks (including	13	10.224	47.203	40.133	33.303	30.034	00.703	00.014
utility vehicles)	16	82.802	50.179	51.788	56.747	61.407	67.262	73.386
Other	17	59.633	39.659	39.011	44.540	44.747	44.664	50.399
Net purchases of used autos				l <u></u>				
and used light trucks	18	114,604	124.472	134.795	135.620	120.272	109.462	110.417
Used autos	19	109.481	111.991	115.388	132.160	115.954	99.409	95.839
Used light trucks (including utility	:							
vehicles)	20	119.802	137.171	154.579	139.126	124.652	119.667	125.220
Gross government								
investment	21	115.340	92.217	95.330	89.332	81.028	93.634	96.634
Autos	22	103,983	84.660	88.066	85.528	73.184	93.966	85.272
Trucks	23	118.709	94.452	97.470	90.416	83.321	93.563	99.918
Net exports					.,			
Exports		144.791	88.096	93.664	108.782	118.823	121.311	117.644
Autos		179.117	99.929	106.239	122.875 96.515	130.049	132.066	128.661
Trucks Imports	27 28	115.220 93.760	77.803 61.443	82.728 70.024	77.347	108.950 74.877	111.828 91.011	107.952 92.554
Autos	29	108.106	76.635	89.539	94.956	84.106	106.388	116.743
Trucks	30	80.788	47.730	52.426	61.463	66.492	77.120	70.921
Change in private inventories	31				l			
Autos								
New	33							
Domestic	34							
Foreign	35							
Used Trucks	36							
New	38							
Domestic	39							
Foreign	40							
Used 1	41					,		
Addenda:		I :						
Final sales of motor vehicles to	40	. 70,000	60.000	CE 070	64.244	67.704	71 005	72.000
domestic purchasers Private fixed investment in new	42	79.898	62.898	65.878	64.314	67.784	71.625	73.969
autos and new light trucks	43	86.819	57.815	59.349	65.601	72.633	76.537	80.118
Domestic output of new autos 2	44	92.974	54.951	63.294	71.006	72.524	75.019	71.689
Sales of imported new autos 3	45	103.009	86.005	95.738	86.788	92.563	92.062	96.834

Table 7.2.4B. Price Indexes for Motor Vehicle Output

[Index numbers, 2005=100]

					Seas	onally adji	usted	
	Line	2008	2009	20	09		2010	
				Ш	IV	i	11	III
Motor vehicle output Auto output Truck output	1 2 3	96.481 98.347 95.374	97.984 99.990 96.785	98.580 99.824 97.869	100.074 101.879 99.054	99.918 101.543 99.005	1 00.265 101.430 99.632	100.293 100.823 99.996
Final sales of domestic product	4	96.494	98.055	98.687	99.962	99.688	100.073	100.141
Personal consumption expenditures New motor vehicles	5	96.507 96.765	95.952 97.784	96.319 98.035	98.966 99.754	1 00.02 5 99.401	100.713 99.599	101.259 100.150
Autos Light trucks (including	7	100.018	100.991	100.789	102.678	102.124	101.984	102.110
utility vehicles) Net purchases of used autos	8	94.456	95.514	96.074	97.688	97.474	97.887	98.695
and used light trucks Used autos Used light trucks (including utility	9 10	96.103 95.867	93.008 92.812	93.521 93.052	97.677 97.2 4 5	100.961 100.713	102.426 101.954	102.963 101.239
vehicles)	11	96.306	93.178	93.901	98.036	101.180	102.812	104.264
Private fixed investment New motor vehicles Autos Trucks	12 13 14 15	99.104 100.020 98.553	111.128 100.402 101.089 100.027	113.420 100.620 100.990 100.499	103.652 102.183 102.767 101.885	96.597 101.907 102.206 101.851	95.660 102.139 102.067 102.398	95.153 102.779 102.189 103.451
Light trucks (including utility vehicles) Other	16 17	94.794 110.638	95.732 114.018	96.31 8 114.126	97.895 114.835	97.668 115.493	98.096 116.491	98.900 118.507
Net purchases of used autos and used light trucks Used autos	18 19	96.301 96.349	91.078 91.488	90.437 91.036	97.219 97.594	101.469 101.713	102.878 103.176	104.893 105.214
Used light trucks (including utility vehicles)	20	96.258	90.716	89.915	96.889	101.264	102.624	104.621
Gross government investment	21	104.928	108.782	109.436	109.399	108.414	108.745	110.179
Autos Trucks	22 23	105.161 104.865	111.414 108.089	113.053 108.486	111.570 108.849	107.200 108.778	106.157 109.490	107.337 110.996
Net exports	24 25 26 27 28 29 30	102.602 101.866 103.435 103.411 103.121 103.671	103.194 102.137 104.420 103.728 103.040 104.519	103.072 102.024 104.237 103.823 103.280 104.223	103.435 102.257 104.732 104.124 103.400 104.756	103.708 102.511 105.025 103.968 102.919 105.015	104.028 102.668 105.513 104.200 102.941 105.498	104.129 102.862 105.521 105.060 102.853 107.653
Change in private inventories	31 32							
New Domestic Foreign	33 34 35							
Used Trucks New	36 37 38							
Domestic Foreign Used '	39 40 41							
Addenda: Final sales of motor vehicles to domestic purchasers Private fixed investment in new	42	97.895	99.218	99.807	100.885	100.571	100.915	101.256
autos and new light trucks Domestic output of new autos ² Sales of imported new autos ³	43 44 45	97.085 100.767 100.018	98.085 102.350 100.997	98.326 102.052 100.835	100.004 102.786 102.667	99.605 102.047 102.115	99.740 101.816 101.976	100.205 101.791 102.100

Consists of used light trucks only.
 Consists of final sales and change in private inventories of new autos assembled in the United States.
 Consists of sales of imported new autos in personal consumption expenditures, in private fixed investment, and in gross government investment.

Consists of used light trucks only.
 Consists of final sales and change in private inventories of new autos assembled in the United States.
 Consists of sales of imported new autos in personal consumption expenditures, in private fixed investment, and in gross government investment.

Table 7.2.5B. Motor Vehicle Output

[Billions of dollars]

				Sea	isonally ac	fjusted at a	annual rate	es
	Line	2008	2009	200	9		2010	
				111	IV	1	II	111
Motor vehicle output	1	325.0	248.9	275.1	288.5	314.8	313.7	334.2
Auto output	2	138.7	94.7	101.3	108.4	123.5	117.3	108.6
Truck output	3	186.3	154.3	173.9	180.1	191.3	196.4	225.6
Final sales of domestic product	4	334.1	274.3	281.2	272.3	298.2	296.2	304.8
Personal consumption				i				
expenditures	5	291.0	269.4	289.0	276.7	277.0	283.2	288.6
New motor vehicles	6	184.9	165.3	185.2	171.3	167.8	172.6	173.1
Autos	7	85.7	72.1	87.9	72.4	69.7	66.7	67.1
Light trucks (including utility vehicles)	8	99.2	93.2	97.3	98.9	98.1	105.8	106.1
Net purchases of used autos	"	33.2	33.2	91.3	90.9	90.1	105.6	100.1
and used light trucks	9	106.1	104.1	103.8	105.4	109.2	110.7	115.5
Used autos	10	48.3	44.4	44.0	45.5	47.2	46.6	47.8
Used light trucks	1 1							
(including utility		İ						
vehicles)	11	57.8	59.7	59.8	59.9	62.0	64.1	67.7
Private fixed investment	12	101.1	42.9	40.1	48.9	67.3	80.6	88.3
New motor vehicles	13	172.8	116.6	119.1	134.3	146.4	153.6	163.3
Autos	14	71.3	52.7	53.7	60.9	68.4	69.5	69.9
Trucks	15	101.6	63.9	65.4	73.4	78.0	84.1	93.4
Light trucks (including								
utility vehicles)	16	77.5	47.5	49.2	54.8	59.2	65.1	71.6
Other	17	24.0	16.5	16.2	18.6	18.8	18.9	21.7
Net purchases of used autos	18	-71.7	-73.7	-79.0	-85.4	-79.1	-73.0	-75.0
and used light trucks Used autos	19	-71.7 -34.5	-73.7 -33.5	-79.0 -34.2	-63.4 -42.0	-79.1 -38.4	-33.4	-75.0 -32.8
Used light trucks	13	-54.5	-33.3	-34.2	-42.0	-30.4	-33.4	-32.0
(including utility								
vehicles)	20	-37.2	-40.1	-44.8	-43.4	-40.7	-39.6	-42.2
Gross government	1 }		1	ļ		- 1	- 1	
investment	21	18.3	15.1	15.8	14.8	13.3	15.4	16.1
Autos	22	3.8	3.3	3.4	3.3	2.7	3.4	3.2
Trucks	23	14.5	11.9	12.3	11.5	10.6	11.9	12.9
Net exports	24	-76.3	-53.1	-63.7	-68.1	-59.5	-82.9	-88.1
Exports	25	65.3	40.0	42.4	49.5	54.2	55.5	53.9
Autos	26	37.2	20.8	22.1	25.7	27.2	27.7	27.0
Trucks	27	28.1	19.1	20.3	23.8	27.0	27.8	26.8
Imports	28	141.6	93.1	106.1	117.6	113.6	138.4	141.9
<u>Autos</u>	29	77.5	54.9	64.3	68.3	60.2	76.2	83.5
Trucks	30	64.1	38.2	41.8	49.3	53.4	62.2	58.4
Change in private inventories	31	-9.1	-25.4	-6.1	16.3	16.6	17.5	29.4
Autos	32	4.5	-10.1	-11.4	11.0	6.8	12.9	10.0
New	33	6.2	-12.5	-14.8	2.0	2.0	13.1	11.1
Domestic	34	4.2	-9.2	-10.4	2.7	2.5	7.3	7.4
Foreign	35 36	2.0 -1.7	-3.3 2.4	-4.4 3.5	-0.7 9.0	-0.5 4.8	5.8 -0.2	3.7 -1.1
Used Trucks	37	-1.7 -13.6	-15.2	5.3	5.3	9.8	4.6	19.4
New	38	-13.1	-16.6	-1.3	0.0	9.1	5.4	20.6
Domestic	39	-14.2	-12.9	1.6	-1.7	8.1	4.0	20.0
Foreign	40	1.0	-3.7	-3.0	1.7	1.0	1.4	0.6
Used 1	41	-0.5	1.4	6.6	5.3	0.6	-0.9	-1.2
Addenda:								
Final sales of motor vehicles to				İ				
domestic purchasers	42	410.4	327.4	344.9	340.4	357.6	379.2	392.9
Private fixed investment in new	1				İ			
autos and new light trucks	43	148.8	100.1	102.9	115.7	127.6	134.6	141.6
Domestic output of new autos 2	44	101.1	60.6	69.6	78.6	79.7	82.3	78.6
Sales of imported new autos 3	45	89.0	75.0	83.3	76.9	81.6	81.1	85.4

Table 7.2.6B. Real Motor Vehicle Output, Chained Dollars

	(0,,,,	0110 01 011	u (20	oo, acnar	o,			
				Sea	asonally a	djusted at	annual rat	es
	Line	2008	2009	20	09		2010	
				Ш	IV	ı	11	III
Motor vehicle output Auto output Truck output	1 2 3	336.8 141.0 195.3	253.7 94.5 159.2	279.3 101.4 177.9	288.4 106.4 181.9	315.0 121.5 193.3	312.9 115.5 197.2	333.2 107.6 225.7
Final sales of domestic product	4	346.2	279.7	284.8	272.2	298.9	295.8	304.2
Personal consumption	ا ا	301.5	280.7	300.1	279.6	277.0	281.2	285.0
expenditures New motor vehicles	5 6	191.0	169.1	189.0	171.8	168.9	173.3	172.9
Autos	7	85.7	71.4	87.2	70.6	68.3	65.4	65.7
Light trucks (including		105.0	97.6	101.3	101.2	100.6	108.1	107.5
utility vehicles) Net purchases of used autos	8	105.0	97.0	101.5	101.2	100.6	100.1	107.5
and used light trucks	9	110.4	111.9	110.9	107.8	108.0	107.9	112.0
Used autos	10	50.4	47.8	47.2	46.8	46.8	45.7	47.1
Used light trucks (including utility		1		ĺ	ĺ			
vehicles)	11	60.1	64.0	63.6	61.0	61.2	62.2	64.8
Private fixed investment	12	100.7	38.6	35.2	47.0	69.4	83.9	92.4
New motor vehicles	13	174.4	116.1	118.5	131.6	143.8	150.5	159.1
Autos Trucks	14	71.3 103.0	52.1 63.9	53.2 65.2	59.3 72.1	67.0 76.6	68.2 82.2	68.5 90.3
Light trucks (including	"	100.0		00.2	,	70.0	OL.L	00.0
utility vehicles)	16	81.8	49.6	51.2	56.1	60.7	66.4	72.5
Other Net purchases of used autos	17	21.7	14.4	14.2	16.2	16.3	16.3	18.3
and used light trucks	18	-74.5	-80.9	-87.6	-88.1	-78.2	-71.1	-71.8
Used autos	19	-35.8	-36.7	-37.8	-43.3	-38.0	-32.5	-31.4
Used light trucks (including utility vehicles)	20	-38.6	-44.3	-49.9	-44.9	-40.2	-38.6	-40.4
Gross government								
investment	21	17.4	13.9	14.4	13.5	12.2	14.1	14.6
Autos Trucks	22	3.6 13.8	2.9 11.0	3.0 11.4	3.0 10.5	2.5 9.7	3.2 10.9	2.9 11.6
Net exports	24	-73.3	-51.0	-61.1	-65.1	-57.1	-79.6	-83.5
Exports	25	63.7	38.7	41.2	47.8	52.2	53.3	51.7
Autos	26	36.6	20.4	21.7	25.1	26.6	27.0	26.3
Trucks	27 28	27.1 136.9	18.3 89.7	19.5 102.3	22.7 113.0	25.7 109.4	26.3 132.9	25.4 135.2
Autos	29	75.2	53.3	62.3	66.1	58.5	74.0	81.2
Trucks	30	61.8	36.5	40.1	47.0	50.9	59.0	54.3
Change in private inventories	31	-9.3	-25.5	-5.6	16.5	16.2	17.1	28.5
Autos New	32 33	4.5 6.0	-10.1 -12.0	-11.1 -14.1	11.0 1.9	6.6 1.9	12.5 12.7	9.6 10.8
Domestic	34	4.0	-8.8	-9.9	2.6	2.4	7.1	7.1
Foreign	35	1.9	-3.2	-4.2	-0.7	-0.5	5.7	3.6
Used	36 37	-1.7 -13.9	2.5 -15.4	3.8 5.6	9.3 5.4	4.8 9.6	-0.2 4.5	-1.0 18.9
New	38	-13.3	-16.6	-1.2	0.0	9.0	5.4	20.3
Domestic	39	-14.4	-12.9	1.8	-1.6	7.9	4.0	19.7
Foreign	40	1.0 -0.5	-3.6 1.4	-2.9 7.2	1.6 5.4	1.0 0.6	1.4 -0.8	0.6 -1.2
Used 1	42	0.8	-0.4	0.1	0.6	1.0	0.1	1.1
Addenda:	-	5.5	5.1		5.5		5.1	
Final sales of motor vehicles to						_		
domestic purchasers Private fixed investment in new	43	419.2	330.0	345.6	337.4	355.6	375.8	388.1
autos and new light trucks	44	153.3	102.1	104.8	115.8	128.2	135.1	141.4
Domestic output of new autos ² Sales of imported new autos ³	45 46	100.2 89.0	59.2 74.3	68.2 82.7	76.5 74.9	78.2 79.9	80.9 79.5	77.3 83.6
	L.		1					_

Consists of used light trucks only.
 Consists of inal sales and change in private inventories of new autos assembled in the United States.
 Consists of sales of imported new autos in personal consumption expenditures, in private fixed investment, and in gross government investment.

^{1.} Consists of used light trucks only.
2. Consists of final sales and change in private inventories of new autos assembled in the United States.
3. Consists of sales of imported new autos in personal consumption expenditures, in private fixed investment, and in gross government investment.

Nors: Chained (2005) dollar series are calculated as the product of the chain-type quantity index and the 2005 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines, excluding the lines in the addenda.

D-50 December 2010

B. NIPA-Related Table

Table B.1 presents the most recent estimates of personal income and its disposition. These estimates were released on November 24, 2010.

Table B.1 Personal Income and Its Disposition

[Billions of dollars; monthly estimates seasonally adjusted at annual rates]

								ed at annu								
	2008 2009 2010															
		2000	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April ^r	May 1	June r	July '	Aug. r	Sept.	Oct. P
Personal income	12,391.1	12,174.9			12,237.4	12,300.7	12,324.3	12,337.2		12,478.5	12,532.8	12,540.0		12,622.1	12,619.3	
Compensation of employees, received	8,065.8	7,806.7	7,792.9	7,813.1	7,838.7	7,842.4	7,855.0	7,851.0	7,868.3	7,939.1	7,985.8	7,984.8	8,013.4	8,038.7	8,045.0	
Wage and salary disbursements		6,274.1	6,257.6	6,272.1	6,291.2	6,291.5	6,291.3	6,284.8	6,298.1	6,362.4	6,403.7	6,400.4	6,425.1	6,446.0	6,449.5	
Private industries		5,100.5 1,064.0	5,084.1 1,043.5	5,097.2 1,040.8	5,116.2 1,050.5	5,116.7 1,046.9	5,107.6 1,037.4	5,099.7 1,028.8	5,110.5 1,030.3	5,172.2 1,045.7	5,207.8 1,062.9	5,207.0 1,054.2	5,233.2 1,061.3	5,262.0 1,068.7	5,270.0 1,068.6	5,303.2 1,074.1
Manufacturing		661.5	649.7	652.0	662.3	660.6	655.6	651.0	651.3	664.6	679.6	673.1	678.7	681.7	681.6	685.0
Service-producing industries		4.036.6	4.040.6	4.056.4	4.065.7	4,069.8	4,070.1	4.070.8	4,080.2	4,126.5	4,144.9	4,152.9	4,172.0	4.193.3	4,201.5	4,229.1
Trade, transportation, and utilities		990.5	989.4	988.9	988.2	987.6	987.9	986.4	989.6	1,002.7	1,007.2	1,006.2	1.012.1	1,014.0	1.017.2	1.023.5
Other services-producing industries		3,046.1	3,051.2	3,067.6	3,077.5	3,082.2	3,082.2	3,084.4	3,090.6	3,123.7	3,137.7	3,146.6	3,159.9	3,179.3	3,184.3	3,205.6
Government	1,144.0	1,173.6	1,173.5	1,174.8	1,175.1	1,174.8	1,183.7	1,185.2	1,187.6	1,190.1	1,195.9	1,193.4	1,191.9	1,184.0	1,179.4	1,181.9
Supplements to wages and salaries	1,506.8	1,532.6	1,535.2	1,541.1	1,547.5	1,550.9	1,563.7	1,566.1	1,570.2	1,576.7	1,582.1	1,584.4	1,588.3	1,592.7	1.595.5	1,600.6
Employer contributions for employee pension and insurance funds	1,036.6	1,072.0	1,074.7	1,079.7	1,084.1	1,088.1	1,093.1	1,095.8	1,098.5	1,100.7	1,103.1	1,105.5	1,107.8	1,110.2	1,112.8	1,115.6
Employer contributions for government social insurance	470.1	460.6	460.6	461.4	463.4	462.8	470.6	470.3	471.7	476.0	479.0	479.0	480.6	482.5	482.7	485.0
			ı	1	ľ	i i								1	1	
Proprietors' income with IVA and CCAdj		1,011.9	1,008.3 29.9	1,015.7 34.0	1,025.2 36.7	1,025.3	1,027.0 37.4	1,028.0	1,037.2 36.2	1,049.2 37.6	1,051.7	1,048.3 40.3	1,049.2 43.9	1,059.3 47.4	1,064.2 51.0	1,074.
FarmNonfarm		981.5	978.4	981.8	988.5	987.3	989.7	36.8 991.2	1,001.0	1,011.6	38.9 1,012.7	1,008.0	1,005.3	1,011.9	1,013.2	56.0 1,017.1
																'
Rental income of persons with CCAdj		274.0	281.5	283.0	283.0	282.3	287.4	292.5	298.0	298.1	298.8	299.6	301.7	304.5	308.0	309.6
Personal income receipts on assets		1,919.7	1,878.5	1,870.7	1,880.8	1,915.9	1,913.3	1,916.1	1,903.8	1,911.1	1,915.0	1,917.3	1,907.5	1,897.8	1,892.9	1,899.8
Personal interest income		1,222.3	1,203.7	1,197.0	1,203.7	1,216.6	1,212.6	1,208.7	1,204.7	1,205.0	1,205.3	1,205.6	1,194.8	1,184.1	1,173.4	1,184.9
Personal dividend income		697.4	674.8	673.7	677.1	699.3	700.7	707.4	699.0	706.0	709.7	711.8	712.7	713.7	719.5	714.9
Personal current transfer receipts		2,132.8	2,179.0	2,168.6	2,185.7	2,210.5	2,228.7	2,236.3	2,271.4	2,279.0	2,285.4	2,293.8	2,295.2	2,332.5	2,320.4	2,323.7
Government social benefits to persons	1,842.6	2,096.8 1,164.5	1.184.2	2,132.8 1,183.3	2,149.9 1,184.7	1.198.4	2,192.1 1,187.3	2,199.7 1.190.7	2,234.7 1.195.9	2,242.3	2,248.4 1,207.9	2,256.5 1,208.6	1,219.5	2,295.2 1,221.5	2,283.3 1,229.3	1,230.5
Government unemployment insurance benefits		128.6	148.6	135.9	144.3	150.1	143.3	138.2	156.8	137.2	137.1	136.1	123.2	150.5	133.3	127.9
Other		803.7	810.4	813.5	820.9	826.2	861.6	870.8	882.1	897.2	903.4	911.9	915.1	923.2	920.7	925.8
Other current transfer receipts, from business (net)		36.0	35.8	35.8	35.8	35.8	36.6	36.6	36.7	36.7	37.0	37.2	37.4	37.3	37.0	39.3
Less:Contributions for government social insurance		970.3	970.4	972.5	976.0	975.8	987.3	986.7	989.3	998.0	1,003.9	1,003.9	1,007.2	1,010.7	1,011.3	1,016.0
Less: Personal current taxes		1,140.0	1,118.3	1,117.1	1,117.8	1,116.8	1,133.1	1,133.6	1,137.4	1,143.5	1,151.8	1,152.0	1,171.0	1,179.5	1,185.2	1,194.6
Equals: Disposable personal income	10,952.9	11,034.9	11,051.4	11,061.5	11,119.6	11,183.9	11,191.2	11,203.6	11,252.1	11,335.0	11,381.0	11,388.0	11,388.8	11,442.6	11,434.0	11,482.3
Less: Personal outlays	10 505 0	10,379.6	10,420.9	10,478.4	10,502.3	10,536.4	10,554.0	10,602.9	10 654 6	10,652.6	10,670.4	10,668.1	10,713.6	10,764.7	10,788.2	10,831.2
	1		l '					, i						l '	'	
Personal consumption expenditures		10,001.3 3,230.7	10,037.0	10,098.0 3,289.3	3,322.6	10,168.4	10,182.8	10,229.9		10,275.2	10,292.1	10,288.8	10,338.3	10,392.8		10,463.7
Goods Durable goods		1,026.5	3,259.5 1,008.2	1,031.8	1,048.2	3,327.0 1,051.8	3,346.8 1,041.0	3,375.3 1,052.2	3,417.9 1.089.0	3,396.4 1,078.1	3,374.8 1.074.6	3,361.2 1,069.5	3,384.8 1,081.2	3,420.6 1.081.6	3,438.6	3,477.8 1,119.7
Nondurable goods		2,204.2	2,251.3	2,257.5	2,274.4		2,305.8	2,323.1	2.328.9	2,318.3	2.300.1	2,291.7	2,303.6	2,339.0	2,339.7	2,358.1
Services		6,770.6	6,777.5	6,808.7	6,805.6		6,836.1	6,854.6	6,861.8	6,878.8	6,917.3	6,927.6	6.953.5	6,972.2	6,981.1	6,985.9
Personal interest payments 1	246.2	216.8	221.6	214.5	207.7	201.1	202.5	203.8	205.2	205.6	206.0	206.5	202.5			192.9
Personal current transfer payments		161.4	162.3	165.9	166.4	1000	1007	460.0	169.7	171.7	1700		202.0	198.5	194.5	
To government	89.7	95.0				166.9	168.7	169.2			172.3	172.8	172.8	173.4	174.0	
To the rest of the world (net)			96.0	96.5	96.9	97.4	97.9	98.5	99.0	99.5	100.1	100.6	172.8 101.2	173.4 101.8	174.0 102.4	103.0
	64.6	66.5	66.3	96.5					99.0 70.7				172.8	173.4	174.0	103.0
Equals: Personal saving					96.9	97.4	97.9	98.5		99.5	100.1	100.6	172.8 101.2	173.4 101.8	174.0 102.4	103.0
Equals: Personal saving		66.5	66.3	69.5	96.9 69.5	97.4 69.5	97.9 70.7	98.5 70.7	70.7	99.5 72.2	100.1 72.2	100.6 72.2	172.8 101.2 71.6	173.4 101.8 71.6	174.0 102.4 71.6	103.0 71.6 651.1
Personal saving as percentage of disposable personal income	447.9	66.5 655.3	66.3 630.5	69.5 583.1	96.9 69.5 617.4	97.4 69.5 647.5	97.9 70.7 637.2	98.5 70.7 600.6	70.7 597.4	99.5 72.2 682.4	100.1 72.2 710.6	100.6 72.2 719.8	172.8 101.2 71.6 675. 1	173.4 101.8 71.6 677.9	174.0 102.4 71.6 645.8	103.0 71.6 651.1
Personal saving as percentage of disposable personal	447.9 4.1	66.5 655.3 5.9	66.3 630.5	69.5 583.1	96.9 69.5 617.4	97.4 69.5 647.5 5.8	97.9 70.7 637.2	98.5 70.7 600.6	70.7 597.4	99.5 72.2 682.4	100.1 72.2 710.6	100.6 72.2 719.8	172.8 101.2 71.6 675. 1	173.4 101.8 71.6 677.9	174.0 102.4 71.6 645.8 5.6	103.0 71.6 651.1 5.7
Personal saving as percentage of disposable personal income	447.9 4.1	66.5 655.3 5.9	66.3 630.5 5.7	69.5 583.1 5.3	96.9 69.5 617.4 5.6 9,108.9	97.4 69.5 647.5 5.8	97.9 70.7 637.2 5.7	98.5 70.7 600.6 5.4 9,111.8	70.7 597.4 5.3	99.5 72.2 682.4 6.0 9,188.9	100.1 72.2 710.6 6.2	100.6 72.2 719.8 6.3 9,250.8	172.8 101.2 71.6 675.1 5.9	173.4 101.8 71.6 677.9 5.9	174.0 102.4 71.6 645.8 5.6	103.0 71.6 651.1 5.7 9,285.7
Personal saving as percentage of disposable personal income	447.9 4.1 9,638.5 10,042.9	66.5 655.3 5.9 9,191.1 10,099.8	66.3 630.5 5.7 9,098.7 10,064.7	69.5 583.1 5.3 9,091.2 10,046.2	96.9 69.5 617.4 5.6 9,108.9 10,076.7	97.4 69.5 647.5 5.8 9,128.6 10,118.1	97.9 70.7 637.2 5.7 9,110.5	98.5 70.7 600.6 5.4 9,111.8 10,106.5	70.7 597.4 5.3 9,112.9 10,134.3	99.5 72.2 682.4 6.0 9,188.9 10,211.9	100.1 72.2 710.6 6.2 9,240.2 10,262.4	100.6 72.2 719.8 6.3 9,250.8 10,281.6	172.8 101.2 71.6 675.1 5.9 9,248.1 10,261.0	173.4 101.8 71.6 677.9 5.9 9,252.8 10,289.6	174.0 102.4 71.6 645.8 5.6 9,252.2	103.0 71.6 651.1 5.7 9,285.7
Personal saving as percentage of disposable personal income. Addenda: Personal income excluding current transfer receipts: Billions of chained (2005) dollars Disposable personal income: Billions of chained (2005) dollars 2	447.9 4.1 9,638.5 10,042.9 35,931	66.5 655.3 5.9 9,191.1 10,099.8 35,888	66.3 630.5 5.7 9,098.7 10,064.7 35,873	69.5 583.1 5.3 9,091.2 10,046.2 35,879	96.9 69.5 617.4 5.6 9,108.9 10,076.7 36,041	97.4 69.5 647.5 5.8 9,128.6 10,118.1 36,225	97.9 70.7 637.2 5.7 9,110.5 10,099.3 36,226	98.5 70.7 600.6 5.4 9,111.8 10,106.5 36,244	70.7 597.4 5.3 9,112.9 10,134.3 36,378	99.5 72.2 682.4 6.0 9,188.9 10,211.9 36,622	100.1 72.2 710.6 6.2 9,240.2 10,262.4 36,746	100.6 72.2 719.8 6.3 9,250.8 10,281.6 36,742	172.8 101.2 71.6 675.1 5.9 9,248.1 10,261.0 36,716	173.4 101.8 71.6 677.9 5.9 9,252.8 10,289.6 36,859	174.0 102.4 71.6 645.8 5.6 9,252.2 10,271.9 36,802	103.0 71.6 651.1 5.7 9,285.7 10,298.4 36,928
Personal saving as percentage of disposable personal income	447.9 4.1 9,638.5 10,042.9 35,931 32,946	66.5 655.3 5.9 9,191.1 10,099.8 35,888 32,847	66.3 630.5 5.7 9,098.7 10,064.7 35,873 32,670	69.5 583.1 5.3 9,091.2 10,046.2 35,879 32,585	96.9 69.5 617.4 5.6 9,108.9 10,076.7 36,041 32,661	97.4 69.5 647.5 5.8 9,128.6 10,118.1 36,225 32,773	97.9 70.7 637.2 5.7 9,110.5 10,099.3 36,226 32,691	98.5 70.7 600.6 5.4 9,111.8 10,106.5 36,244 32,695	70.7 597.4 5.3 9,112.9 10,134.3 36,378 32,764	99.5 72.2 682.4 6.0 9,188.9 10,211.9 36,622 32,994	100.1 72.2 710.6 6.2 9,240.2 10,262.4 36,746 33,135	100.6 72.2 719.8 6.3 9,250.8 10,281.6 36,742 33,172	172.8 101.2 71.6 675.1 5.9 9.248.1 10,261.0 36,716 33,080	173.4 101.8 71.6 677.9 5.9 9,252.8 10,289.6 36,859 33,145	174.0 102.4 71.6 645.8 5.6 9,252.2 10,271.9 36,802 33,062	103.0 71.6 651.1 5.7 9,285.7 10,298.4 36,928 33,121
Personal saving as percentage of disposable personal income. Addenda: Personal income excluding current transfer receipts: Billions of chained (2005) dollars Disposable personal income: Billions of chained (2005) dollars ² Per capita: Current dollars. Chained (2005 dollars). Population (midperiod, thousands) ³ .	447.9 4.1 9,638.5 10,042.9 35,931 32,946	66.5 655.3 5.9 9,191.1 10,099.8 35,888	66.3 630.5 5.7 9,098.7 10,064.7 35,873	69.5 583.1 5.3 9,091.2 10,046.2 35,879 32,585	96.9 69.5 617.4 5.6 9,108.9 10,076.7 36,041	97.4 69.5 647.5 5.8 9,128.6 10,118.1 36,225 32,773	97.9 70.7 637.2 5.7 9,110.5 10,099.3 36,226	98.5 70.7 600.6 5.4 9,111.8 10,106.5 36,244	70.7 597.4 5.3 9,112.9 10,134.3 36,378	99.5 72.2 682.4 6.0 9,188.9 10,211.9 36,622	100.1 72.2 710.6 6.2 9,240.2 10,262.4 36,746	100.6 72.2 719.8 6.3 9,250.8 10,281.6 36,742	172.8 101.2 71.6 675.1 5.9 9.248.1 10,261.0 36,716 33,080	173.4 101.8 71.6 677.9 5.9 9,252.8 10,289.6 36,859	174.0 102.4 71.6 645.8 5.6 9,252.2 10,271.9 36,802	103.0 71.6 651.1 5.7 9,285.7 10,298.4 36,928
Personal saving as percentage of disposable personal income	447.9 4.1 9,638.5 10,042.9 35,931 32,946 304,831	66.5 655.3 5.9 9,191.1 10,099.8 35,888 32,847 307,483	66.3 630.5 5.7 9,098.7 10,064.7 35,873 32,670 308,068	69.5 583.1 5.3 9,091.2 10,046.2 35,879 32,585 308,304	96.9 69.5 617.4 5.6 9.108.9 10,076.7 36,041 32,661 308,526	97.4 69.5 647.5 5.8 9,128.6 10,118.1 36,225 32,773 308,733	97.9 70.7 637.2 5.7 9,110.5 10,099.3 36,226 32,691 308,930	98.5 70.7 600.6 5.4 9,111.8 10,106.5 36,244 32,695 309,119	70.7 597.4 5.3 9,112.9 10,134.3 36,378 32,764 309,312	99.5 72.2 682.4 6.0 9,188.9 10,211.9 36,622 32,994 309,509	100.1 72.2 710.6 6.2 9,240.2 10,262.4 36,746 33,135 309,718	100.6 72.2 719.8 6.3 9,250.8 10,281.6 36,742 33,172 309,946	172.8 101.2 71.6 675.1 5.9 9,248.1 10,261.0 36,716 33,080 310,185	173.4 101.8 71.6 677.9 5.9 9,252.8 10,289.6 36,859 33,145 310,439	174.0 102.4 71.6 645.8 5.6 9.252.2 10,271.9 36,802 33,062 310,691	103.0 71.6 651.1 5.7 9,285.7 10,298.4 36,928 33,121 310,935
Personal saving as percentage of disposable personal income. Addenda: Personal income excluding current transfer receipts: Billions of chained (2005) dollars Disposable personal income: Billions of chained (2005) dollars 2. Per capita: Current dollars. Chained (2005 dollars). Population (midperiod, thousands) 3. Personal consumption expenditures: Billions of chained (2005) dollars.	447.9 4.1 9,638.5 10,042.9 35,931 32,946 304,831 9,265.0	66.5 655.3 5.9 9,191.1 10,099.8 35,888 32,847 307,483 9,153.9	66.3 630.5 5.7 9,098.7 10,064.7 35,873 32,670 308,068 9,140.8	9,091.2 10,046.2 35,879 32,585 308,304 9,171.1	96.9 69.5 617.4 5.6 9,108.9 10,076.7 36,041 32.661 308.526 9,178.2	97.4 69.5 647.5 5.8 9,128.6 10,118.1 36,225 32,773 308,733 9,199.3	97.9 70.7 637.2 5.7 9,110.5 10,099.3 36,226 32,691 308,930 9,189.3	98.5 70.7 600.6 5.4 9,111.8 10,106.5 36,244 32,695 309,119 9,228.2	70.7 597.4 5.3 9,112.9 10,134.3 36,378 32,764 309,312 9,258.6	99.5 72.2 682.4 6.0 9.188.9 10,211.9 36,622 32,994 309,509 9,257.2	9,240.2 10,262.4 36,746 33,135 309,718 9,280.5	100.6 72.2 719.8 6.3 9,250.8 10,281.6 36,742 33,172 309,946 9,289.3	172.8 101.2 71.6 675.1 5.9 9,248.1 10,261.0 36,716 33,080 310,185 9,314.6	173.4 101.8 71.6 677.9 5.9 9,252.8 10,289.6 36,859 33,145 310,439 9,345.6	174.0 102.4 71.6 645.8 5.6 9,252.2 10,271.9 36,802 33,062 310,691 9,360.7	103.0 71.6 651.1 5.7 9,285.7 10,298.4 36,928 33,121 310,935 9,384.9
Personal saving as percentage of disposable personal income. Addenda: Personal income excluding current transfer receipts: Billions of chained (2005) dollars Disposable personal income: Billions of chained (2005) dollars 2 Per capita: Current dollars. Chained (2005 dollars). Population (midperiod, thousands) 3. Personal consumption expenditures: Billions of chained (2005) dollars. Goods.	447.9 4.1 9,638.5 10,042.9 35,931 32,946 304,831 9,265.0 3,180.3	66.5 655.3 5.9 9,191.1 10,099.8 35,888 32,847 307,483 9,153.9 3,117.4	66.3 630.5 5.7 9,098.7 10,064.7 35,873 32,670 308,068 9,140.8 3,111.6	9,091.2 10,046.2 35,879 32,585 308,304 9,171.1 3,136.6	96.9 69.5 617.4 5.6 9,108.9 10,076.7 36,041 32,661 308,526 9,178.2 3,160.1	97.4 69.5 647.5 5.8 9,128.6 10,118.1 36,225 32,773 308,733 9,199.3 3,158.6	97.9 70.7 637.2 5.7 9,110.5 10,099.3 36,226 32,691 308,930 9,189.3 3,159.9	98.5 70.7 600.6 5.4 9,111.8 10,106.5 36,244 32,695 309,119 9,228.2 3,193.0	70.7 597.4 5.3 9,112.9 10,134.3 36,378 32,764 309,312 9,258.6 3,233.3	99.5 72.2 682.4 6.0 9,188.9 10,211.9 36,622 32,994 309,509 9,257.2 3,223.7	9,240.2 9,240.2 10,262.4 36,746 33,135 309,718 9,280.5 3,221.8	9,250.8 10,281.6 36,742 33,172 309,946 9,289.3 3,222.3	172.8 101.2 71.6 675.1 5.9 9.248.1 10.261.0 36,716 33,080 310,185 9.314.6 3,232.7	173.4 101.8 71.6 677.9 5.9 9,252.8 10,289.6 36,859 33,145 310,439 9,345.6 3,253.2	174.0 102.4 71.6 645.8 5.6 9,252.2 10,271.9 36,802 33,062 310,691 9,360.7 3,265.8	103.0 71.6 651.1 5.7 9,285.7 10,298.4 36,928 33,121 310,935 9,384.9 3,292.4
Personal saving as percentage of disposable personal income	447.9 4.1 9,638.5 10,042.9 35,931 32,946 304.831 9,265.0 3,180.3 1,136.4	66.5 655.3 5.9 9,191.1 10,099.8 35,888 32,847 307,483 9,153.9 3,117.4 1,094.6	66.3 630.5 5.7 9,098.7 10,064.7 35,873 32,670 308,068 9,140.8 3,111.6 1,077.9	9,091.2 10,046.2 35,879 32,585 308,304 9,171.1 3,136.6 1,101.1	96.9 69.5 617.4 5.6 9,108.9 10,076.7 36,041 32,661 308,526 9,178.2 3,160.1 1,119.0	97.4 69.5 647.5 5.8 9,128.6 10,118.1 36,225 32,773 308,733 9,199.3 3,158.6 1,125.2	97.9 70.7 637.2 5.7 9,110.5 10,099.3 36,226 32,691 308,930 9,189.3 3,159.9 1,116.5	98.5 70.7 600.6 5.4 9,111.8 10,106.5 36,244 32,695 309,119 9,228.2 3,193.0 1,131.0	70.7 597.4 5.3 9,112.9 10,134.3 36,378 32,764 309,312 9,258.6 3,233.3 1,169.2	99.5 72.2 682.4 6.0 9,188.9 10,211.9 36,622 32,994 309,509 9,257.2 3,223.7 1,159.1	100.1 72.2 710.6 6.2 9,240.2 10,262.4 36,746 33,135 309,718 9,280.5 3,221.8 1,158.2	100.6 72.2 719.8 6.3 9,250.8 10,281.6 36,742 33,172 309,946 9,289.3 3,222.3 1,156.2	172.8 101.2 71.6 675.1 5.9 9.248.1 10.261.0 36,716 33,080 310,185 9.314.6 3,232.7 1,172.0	173.4 101.8 71.6 677.9 5.9 9,252.8 10,289.6 36,859 33,145 310,439 9,345.6 3,253.2 1,172.0	174.0 102.4 71.6 645.8 5.6 9,252.2 10,271.9 36,802 33,062 310.691 9,360.7 3,265.8 1,191.9	103.0 71.6 651.1 5.7 9,285.7 10,298.4 36,928 33,121 310,935 9,384.9 3,292.4 1,217.8
Personal saving as percentage of disposable personal income	447.9 4.1 9,638.5 10,042.9 35,931 32,946 304.831 9,265.0 3,180.3 1,136.4 2,041.2	9,191.1 10,099.8 35,888 32,847 307,483 9,153.9 3,117.4 1,094.6 2,017.4	66.3 630.5 5.7 9,098.7 10,064.7 35,873 32,670 308,068 9,140.8 3,111.6	9,091.2 10,046.2 35,879 32,585 308,304 9,171.1 3,136.6 1,101.1 2,029.8	96.9 69.5 617.4 5.6 9,108.9 10,076.7 36,041 32,661 308,526 9,178.2 3,160.1 1,119.0	97.4 69.5 647.5 5.8 9,128.6 10,118.1 36,225 32,773 308,733 9,199.3 3,158.6 1,125.2 2,030.3	97.9 70.7 637.2 5.7 9,110.5 10,099.3 36,226 32,691 308,930 9,189.3 3,159.9	98.5 70.7 600.6 5.4 9,111.8 10,106.5 36,244 32,695 309,119 9,228.2 3,193.0	70.7 597.4 5.3 9,112.9 10,134.3 36,378 32,764 309,312 9,258.6 3,233.3	99.5 72.2 682.4 6.0 9.188.9 10,211.9 36,622 32,994 309,509 9.257.2 3,223.7 1,159.1 2,063.4	9,240.2 9,240.2 10,262.4 36,746 33,135 309,718 9,280.5 3,221.8	9,250.8 10,281.6 36,742 33,172 309,946 9,289.3 3,222.3	172.8 101.2 71.6 675.1 5.9 9.248.1 10.261.0 36,716 33,080 310,185 9.314.6 3,232.7	173.4 101.8 71.6 677.9 5.9 9,252.8 10,289.6 36,859 33,145 310,439 9,345.6 3,253.2 1,172.0 2,080.3	174.0 102.4 71.6 645.8 5.6 9,252.2 10,271.9 36,802 33,062 310.691 9,360.7 3,265.8 1,2075.8	103.0 71.6 651.1 5.7 9,285.7 10,298.4 36,928 33,121 310,935 9,384.9 3,292.4 1,217.8 2,079.5
Personal saving as percentage of disposable personal income	447.9 4.1 9,638.5 10,042.9 35,931 32,946 304,831 9,265.0 3,180.3 1,136.4 2,041.2 6,082.3	9,191.1 10,099.8 35,888 32,847 307,483 9,153.9 3,117.4 1,094.6 2,017.4 6,032.7	9,098.7 10,064.7 35,873 32,670 308,068 9,140.8 3,111.6 1,077.9 2,025.7	9,091.2 10,046.2 35,879 32,585 308,304 9,171.1 3,136.6 1,101.1 2,029.8 6,031.3	96.9 69.5 617.4 5.6 9,108.9 10,076.7 36,041 32,661 308,526 9,178.2 3,160.1 1,119.0 2,036.9	97.4 69.5 647.5 5.8 9,128.6 10,118.1 36,225 32,773 308,733 9,199.3 3,158.6 1,125.2 2,030.3 6,038.4	97.9 70.7 637.2 5.7 9,110.5 10,099.3 36,226 32,691 308,930 9,189.3 3,159.9 1,116.5 2,038.7	98.5 70.7 600.6 5.4 9.111.8 10.106.5 36.244 32.695 309,119 9.228.2 3.193.0 1.131.0 2.057.7	70.7 597.4 5.3 9,112.9 10,134.3 36,378 32,764 309,312 9,258.6 3,233.3 1,169.2 2,064.0	99.5 72.2 682.4 6.0 9.188.9 10,211.9 36,622 32,994 309,509 9.257.2 3,223.7 1,159.1 2,063.4	100.1 72.2 710.6 6.2 9,240.2 10,262.4 36,746 33,135 309,718 9,280.5 3,221.8 1,158.2 (2,062.3	9,250.8 10,281.6 36,742 33,172 309,946 9,289.3 3,222.3 1,156.2 2,064.4	172.8 101.2 71.6 675.1 5.9 9.248.1 10.261.0 36,716 33,080 310,185 9,314.6 3,232.7 1,172.0 2,061.2	173.4 101.8 71.6 677.9 5.9 9,252.8 10,289.6 36,859 33,145 310,439 9,345.6 3,253.2 1,172.0	174.0 102.4 71.6 645.8 5.6 9,252.2 10,271.9 36,802 33,062 310,691 9,360.7 3,265.8 1,191.9 2,075.8 6,096.3	9,285.7 10,298.4 36,928 33,121 310,935 9,384.9 3,292.4 1,217.8 2,079.5 6,095.3
Personal saving as percentage of disposable personal income. Addenda: Personal income excluding current transfer receipts: Billions of chained (2005) dollars Disposable personal income: Billions of chained (2005) dollars ² Per capita: Current dollars. Chained (2005 dollars). Population (midpenod, thousands)³ Personal consumption expenditures: Billions of chained (2005) dollars. Goods. Durable goods. Nondurable goods Services Implicit price deflator, 2005=100 Percent change from preceding period:	9,638.5 10,042.9 35,931 32,946 304,831 9,265.0 3,180.3 1,136.4 2,041.2 6,082.3 109.060	9,191.1 10,099.8 35,888 32,847 307,483 9,153.9 3,117.4 1,094.6 2,017.4 6,032.7 109.260	66.3 630.5 5.7 9,098.7 10,064.7 35,873 32,670 308,068 9,140.8 3,111.6 1,077.9 2,025.2 109.804	9,091.2 10,046.2 35,879 32,585 308,304 9,171.1 3,136.6 1,101.1 2,029.8 6,031.3 110.107	96.9 69.5 617.4 5.6 9,108.9 10,076.7 36,041 32,661 308,526 9,178.2 3,160.1 1,119.0 2,036.9 6,016.4 110.350	97.4 69.5 647.5 5.8 9,128.6 10,118.1 36,225 32,773 308,733 9,199.3 3,158.6 1,125.2 2,030.3 6,038.4 110.534	97.9 70.7 637.2 5.7 9,110.5 10,099.3 36,226 32,691 308,930 9,189.3 3,159.9 1,116.5 2,038.7 6,027.4	98.5 70.7 600.6 5.4 9,111.8 10,106.5 36,244 32,695 309,119 9,228.2 3,193.0 1,131.0 2,057.7 6,034.6 110.855	70.7 597.4 5.3 9,112.9 10,134.3 36,378 32,764 309,312 9,258.6 3,233.3 1,169.2 2,064.0 6,026.7 111.029	99.5 72.2 682.4 6.0 9.188.9 10,211.9 36,622 32,994 309,509 9.257.2 3,223.7 1,159.1 2,063.4 6,034.4 110.997	100.1 72.2 710.6 6.2 9,240.2 10,262.4 36,746 33,135 309,718 1,158.2 2,062.3 6,058.9 110.900	100.6 72.2 719.8 6.3 9,250.8 10,281.6 36,742 33,172 309,946 9,289.3 1,156.2 2,064.4 6,066.9 110.760	172.8 101.2 71.6 675.1 5.9 9.248.1 10.261.0 36,716 33,080 310,185 9.314.6 3,232.7 1,172.0 2,061.2 6,081.9 110.991	173.4 101.8 71.6 677.9 5.9 9,252.8 10,289.6 33,145 310,439 9,345.6 3,253.2 1,172.0 2,080.3 6,093.2 111.205	174.0 102.4 71.6 645.8 5.6 9.252.2 10,271.9 36,802 33,062 310,691 9.360.7 3,265.8 1,191.9 2,075.8 6,096.3	103.0 71.6 651.1 5.7 9,285.7 10,298.4 33,121 310,935 9,384.9 3,292.4 1,217.8 2,079.5 6,095.3 111.496
Personal saving as percentage of disposable personal income. Addenda: Personal income excluding current transfer receipts: Billions of chained (2005) dollars Disposable personal income: Billions of chained (2005) dollars 2 Per capita: Current dollars. Chained (2005 dollars) Population (midperiod, thousands) 3 Personal consumption expenditures: Billions of chained (2005) dollars. Goods. Durable goods. Services Implicit price deflator, 2005=100 Percent change from preceding period: Personal income, current dollars.	9,638.5 10,042.9 35,931 32,946 304,831 9,265.0 3,180.3 1,136.4 2,041.2 6,082.3 109.060	9,191.1 10,099.8 35,888 32,847 307,483 9,153.9 3,117.4 1,094.6 2,017.4 6,032.7	9,098.7 10,064.7 35,873 32,670 308,068 9,140.8 3,111.6 1,077.9 2,025.7 6,025.2	9,091.2 10,046.2 35,879 32,585 308,304 9,171.1 3,136.6 1,101.1 2,029.8 6,031.3 110.107	96.9 69.5 617.4 5.6 9,108.9 10,076.7 36,041 32.661 308.526 9,178.2 3,160.1 1,119.0 2,036.9 6,016.4	97.4 69.5 647.5 5.8 9,128.6 10,118.1 36,225 32,773 308,733 9,199.3 3,158.6 1,125.2 2,030.3 6,038.4	97.9 70.7 637.2 5.7 9,110.5 10,099.3 36,226 32,691 308,930 9,189.3 3,159.9 1,116.5 2,038.7 6,027.4	98.5 70.7 600.6 5.4 9,111.8 10,106.5 36,244 32,695 309,119 9,228.2 3,193.0 1,131.0 2,057.7 6,034.6	70.7 597.4 5.3 9,112.9 10,134.3 36,378 32,764 309,312 9,258.6 3,233.3 1,169.2 2,064.0 6,026.7	99.5 72.2 682.4 6.0 9,188.9 10,211.9 36,622 32,994 309,509 9,257.2 3,223.7 1,159.1 2,063.4 6,034.4	100.1 72.2 710.6 6.2 9,240.2 10,262.4 36,746 33,135 309,718 9,280.5 3,221.8 1,158.2 2,062.3 6,058.9	100.6 72.2 719.8 6.3 9,250.8 10,281.6 36,742 33,172 309,946 9,289.3 3,222.3 1,156.2 2,064.4 6,066.9	172.8 101.2 71.6 675.1 5.9 9.248.1 10.261.0 36,716 33.080 310.185 9.314.6 3.232.7 1,172.0 2.061.2 6,081.9	173.4 101.8 71.6 677.9 5.9 9,252.8 10,289.6 36,859 33,145 310,439 9,345.6 3,253.2 1,172.0 2,080.3 2,080.3	174.0 102.4 71.6 645.8 5.6 9,252.2 10,271.9 36,802 33,062 310,691 9,360.7 3,265.8 1,191.9 2,075.8 6,096.3	103.0 71.6 651.1 5.7 9,285.7 10,298.4 33,121 310,935 9,384.9 3,292.4 1,217.8 2,079.5 6,095.3 111.496
Personal saving as percentage of disposable personal income	447.9 4.1 9,638.5 10,042.9 35,931 32,946 304,831 9,265.0 3,180.3 1,136.4 2,041.2 6,082.3 109.060	9,191.1 10,099.8 35,888 32,847 307,483 9,153.9 3,117.4 1,094.6 2,017.4 6,032.7 109.260	66.3 630.5 5.7 9,098.7 10,064.7 35,873 32,670 308,068 9,140.8 3,111.6 1,077.9 2,025.7 6,025.2 109.804	69.5 583.1 5.3 9,091.2 10,046.2 35,879 32,585 308,304 9,171.1 3,136.6 1,101.1 1,101.1 2,029.8 6,031.3 110.107	96.9 69.5 617.4 5.6 9.108.9 10,076.7 36,041 32,661 308,526 9.178.2 3,160.1 1,119.0 2,036.9 6,016.4 110.350	97.4 69.5 647.5 5.8 9,128.6 10,118.1 36,225 32,773 308,733 9,199.3 3,158.6 1,125.2 2,030.3 6,038.4 110.534	97.9 70.7 637.2 5.7 9,110.5 10,099.3 36,226 32,691 308,930 9,189.3 3,159.9 1,116.5 2,038.7 6,027.4	98.5 70.7 600.6 5.4 9,111.8 10,106.5 36,244 32,695 309,119 9,228.2 3,193.0 1,131.0 2,057.7 6,034.6 110.855	70.7 597.4 5.3 9,112.9 10,134.3 36,378 32,764 309,312 9,258.6 3,233.3 1,169.2 2,064.0 6,026.7 111.029 0.4	99.5 72.2 682.4 6.0 9.188.9 10,211.9 36,622 32,994 309,509 9.257.2 3,223.7 1,159.1 2,063.4 6,034.4 110.997	100.1 72.2 710.6 6.2 9,240.2 10,262.4 36,746 33,135 309,718 1,158.2 2,062.3 6,058.9 110.900	100.6 72.2 719.8 6.3 9,250.8 10,281.6 36,742 33,172 309,946 9,289.3 1,156.2 2,064.4 6,066.9 110.760	172.8 101.2 71.6 675.1 5.9 9.248.1 10.261.0 36,716 33,080 310,185 9.314.6 3,232.7 1,172.0 2,061.2 6,081.9 110.991	173.4 101.8 71.6 677.9 5.9 9,252.8 10,289.6 33,145 310,439 9,345.6 3,253.2 1,172.0 2,080.3 6,093.2 111.205	174.0 102.4 71.6 645.8 5.6 9.252.2 10,271.9 36,802 33,062 310,691 9.360.7 3.265.8 1,096.3 111.313	103.0 71.6 651.1 5.7 9,285.7 10,298.4 33,121 310,935 9,384.9 3,292.4 1,217.8 2,079.5 6,095.3 111.496
Personal saving as percentage of disposable personal income. Addenda: Personal income excluding current transfer receipts: Billions of chained (2005) dollars Disposable personal income: Billions of chained (2005) dollars 2 Per capita: Current dollars. Chained (2005 dollars). Population (midperiod, thousands) 3 Personal consumption expenditures: Billions of chained (2005) dollars Goods. Durable goods. Nondurable goods Services Implicit price deflator, 2005=100 Percent change from preceding period: Personal income, current dollars. Disposable personal income: Current dollars.	9,638.5 10,042.9 35,931 32,946 304,831 9,265.0 3,180.3 1,136.4 2,041.2 6,082.3 109.060	9,191.1 10,099.8 35,888 32,847 307,483 9,153.9 3,117.4 1,094.6 2,017.4 6,032.7 109.260	66.3 630.5 5.7 9,098.7 10,064.7 35,873 32,670 308,068 9,140.8 3,111.6 1,077.9 2,025.7 6,025.2 109.804	69.5 583.1 9,091.2 10,046.2 35,879 32,585 308,304 9,171.1 3,136.6 1,101.1 2,029.8 6,031.3 110.107	96.9 69.5 617.4 5.6 9.108.9 10,076.7 36,041 32,661 308.526 9.178.2 3,160.1 1,119.0 2,036.9 6,016.4 110.350 0.5	97.4 69.5 647.5 5.8 9,128.6 10,118.1 36,225 32,773 308,733 9,199.3 3,158.6 1,125.2 2,030.3 6,038.4 110.534	97.9 70.7 637.2 5.7 9,110.5 10,099.3 36,226 32,691 308,930 9,189.3 3,159.9 1,116.5 2,038.7 6,027.4 110.812	98.5 70.7 600.6 5.4 9,111.8 10,106.5 36,244 32,695 309,119 9,228.2 3,193.0 1,131.0 2,057.7 6,034.6 110.855	70.7 597.4 5.3 9,112.9 10,134.3 36,378 32,764 309,312 9,258.6 3,233.3 1,169.2 2,064.0 6,026.7 111.029 0.4 0.4	99.5 72.2 682.4 6.0 9.188.9 10.211.9 36.622 32.994 309.509 9.257.2 3.223.7 1,159.1 2.063.4 110.997 0.7 0.7	100.1 72.2 710.6 6.2 9,240.2 10,262.4 36,746 33,133 309,718 9,280.5 3,221.8 1,158.2 2,062.3 110.900 0.4 0.4	100.6 72.2 719.8 6.3 9,250.8 10,281.6 36,742 33,772 309,946 9,289.3 1,156.2 2,064.4 6,066.9 110.760 0.1 0.1	172.8 101.2 71.6 675.1 5.9 9.248.1 10.261.0 36,716 33.080 310,185 9.314.6 3.232.7 1,172.0 2,061.2 (6,081.9 110.991	173.4 101.8 71.6 677.9 5.9 9,252.8 10,289.6 36,859 33,145 310,439 9,345.6 3,253.2 1,172.0 2,080.3 6,093.2 111.205	174.0 102.4 71.6 645.8 5.6 9.252.2 10,271.9 36,802 33,062 310,691 9.360.7 3,265.8 1,191.9 2,075.8 6,096.3 111.313	103.0 71.6 651.1 5.7 9.285.7 10,298.4 36,928 33,121 310,935 9.384.9 3,292.4 1,217.8 2,079.5 6,095.3 111.496
Personal saving as percentage of disposable personal income. Addenda: Personal income excluding current transfer receipts: Billions of chained (2005) dollars Disposable personal income: Billions of chained (2005) dollars 2. Per capita: Current dollars. Chained (2005 dollars). Population (midperiod, thousands) 3. Personal consumption expenditures: Billions of chained (2005) dollars. Goods. Durable goods. Nondurable goods. Services Implicit price deflator, 2005=100. Percent change from preceding period: Personal income, current dollars. Disposable personal income: Current dollars. Current dollars. Chained (2005) dollars.	9,638.5 10,042.9 35,931 32,946 304,831 9,265.0 3,180.3 1,136.4 2,041.2 6,082.3 109.060	9,191.1 10,099.8 35,888 32,847 307,483 9,153.9 3,117.4 1,094.6 2,017.4 6,032.7 109.260	66.3 630.5 5.7 9,098.7 10,064.7 35,873 32,670 308,068 9,140.8 3,111.6 1,077.9 2,025.7 6,025.2 109.804	69.5 583.1 9,091.2 10,046.2 35,879 32,585 308,304 9,171.1 3,136.6 1,101.1 2,029.8 6,031.3 110.107	96.9 69.5 617.4 5.6 9.108.9 10,076.7 36,041 32,661 308,526 9.178.2 3,160.1 1,119.0 2,036.9 6,016.4 110.350	97.4 69.5 647.5 5.8 9,128.6 10,118.1 36,225 32,773 308,733 9,199.3 3,158.6 1,125.2 2,030.3 6,038.4 110.534	97.9 70.7 637.2 5.7 9,110.5 10,099.3 36,226 32,691 308,930 9,189.3 3,159.9 1,116.5 2,038.7 6,027.4 110.812	98.5 70.7 600.6 5.4 9,111.8 10,106.5 36,244 32,695 309,119 9,228.2 3,193.0 1,131.0 2,057.7 6,034.6 110.855	70.7 597.4 5.3 9,112.9 10,134.3 36,378 32,764 309,312 9,258.6 3,233.3 1,169.2 2,064.0 6,026.7 111.029 0.4	99.5 72.2 682.4 6.0 9,188.9 10,211.9 36,622 32,994 309,509 9,257.2 3,223.7 1,2063.4 6,034.4 110.997	100.1 72.2 710.6 6.2 9,240.2 10,262.4 36,746 33,135 309,718 9,280.5 3,221.8 1,158.2 2,062.3 6,058.9 110.900 0.4	100.6 72.2 719.8 6.3 9,250.8 10,281.6 36,742 33,172 309,946 9,289.3 3,222.3 1,156.2 2,064.4 6,066.9 110.760 0.1	172.8 101.2 71.6 675.1 5.9 9.248.1 10.261.0 36.716 33.080 310.185 9.314.6 3.232.7 1,172.0 2.061.2 6.081.9 110.991	173.4 101.8 71.6 677.9 5.9 9,252.8 10,289.6 36,859 33,145 310,439 9,345.6 3,253.2 1,205 2,080.3 6,093.2 111,205	174.0 102.4 71.6 645.8 5.6 9.252.2 10,271.9 36,802 33,062 310,691 9.360.7 3.265.8 1,096.3 111.313	103.0 71.6 651.1 5.7 9,285.7 10,298.4 36,928 33,121 310,935 9,384.9 3,292.4 1,217.8 2,079.5 6,095.3 111.496
Personal saving as percentage of disposable personal income	447.9 4.1 9,638.5 10,042.9 35,931 32,946 304,831 9,265.0 3,180.3 1,136.4 2,041.2 6,082.3 109.060 4.0	9,191.1 10,099.8 35,888 32,847 307,483 9,153.9 3,117.4 1,094.6 2,017.4 6,032.7 109.260 -1.7	66.3 630.5 5.7 9,098.7 10,064.7 35,873 32,670 308,068 9,140.8 3,111.6 1,077.9 2,025.7 6,025.2 109,804	69.5 583.1 5.3 9,091.2 10,046.2 35,879 32,585 308,304 9,171.1 3,136.6 1,101.1 2,029.8 6,031.3 110.107 0.1 -0.2	96.9 69.5 617.4 5.6 9.108.9 10,076.7 36.041 32.661 308.526 9.178.2 3.160.1 1,119.0 2.036.9 6.016.4 110.350 0.5	97.4 69.5 647.5 5.8 9,128.6 10,118.1 36,225 32,773 308,733 3,158.6 1,125.2 2,030.3 6,038.4 110.534	97.9 70.7 637.2 5.7 9,110.5 10,099.3 36,226 32,691 308,930 9,189.3 3,159.9 1,116.5 2,038.7 6,027.4 110.812 0.2	98.5 70.7 600.6 5.4 9,111.8 10,106.5 36,244 32,695 309,119 9,228.2 3,193.0 1,131.0 2,057.7 6,034.6 110.855 0.1 0.1	70.7 597.4 5.3 9,112.9 10,134.3 36,378 32,764 309,312 9,258.6 3,233.3 1,169.2 2,064.0 6,026.7 111.029 0.4 0.3	99.5 72.2 682.4 6.0 9,188.9 10,211.9 36,622 32,994 309,509 9,257.2 3,223.7 1,159.1 2,063.4 6,034.4 110.997 0.7 0.8	100.1 72.2 710.6 6.2 9,240.2 10,262.4 36,746 33,135 309,718 9,280.5 3,221.8 1,158.2 2,062.3 6,058.9 110.900 0.4 0.5	100.6 72.2 719.8 6.3 9,250.8 10,281.6 36,742 33,172 309,946 9,289.3 3,222.3 1,156.2 2,064.4 6,066.9 110.760 0.1 0.2	172.8 101.2 71.6 675.1 5.9 9.248.1 10.261.0 36.716 33.080 310.185 9.314.6 3.232.7 1,172.0 2.061.2 6.081.9 110.991	173.4 101.8 71.6 677.9 5.9 9,252.8 10,289.6 36,859 33,145 310,439 9,345.6 3,253.2 1,172.0 2,080.3 6,093.2 111.205 0.5	174.0 102.4 71.6 645.8 5.6 9.252.2 10,271.9 36,802 33,062 310,691 9.360.7 3.265.8 1,096.3 111.313 0.0	103.0 71.6 651.1 5.7 9,285.7 10,298.4 36,928 33,121 310,935 9,384.9 1,217.8 2,079.5 6,095.3 111.496 0.5
Personal saving as percentage of disposable personal income. Addenda: Personal income excluding current transfer receipts: Billions of chained (2005) dollars Disposable personal income: Billions of chained (2005) dollars 2. Per capita: Current dollars. Chained (2005 dollars). Population (midperiod, thousands) 3. Personal consumption expenditures: Billions of chained (2005) dollars Goods. Durable goods. Nondurable goods. Services Implicit price deflator, 2005=100. Percent change from preceding period: Personal income, current dollars. Disposable personal income: Current dollars. Chained (2005) dollars.	9,638.5 10,042.9 35,931 32,946 304,831 9,265.0 3,180.3 1,136.4 2,041.2 6,082.3 109.060 4.0	9,191.1 10,099.8 35,888 32,847 307,483 9,153.9 3,117.4 1,094.6 2,017.4 6,032.7 109.260 -1.7	66.3 630.5 5.7 9,098.7 10,064.7 35,873 32,670 308,068 9,140.8 3,111.6 1,077.9 2,025.7 6,025.2 109.804 0.0 0.0 -0.2	69.5 583.1 5.3 9,091.2 10,046.2 35,879 32,585 308,304 9,171.1 3,136.6 1,101.1 2,029.8 6,031.3 110.107 0.1 -0.2 0.6	96.9 69.5 617.4 5.6 9.108.9 10,076.7 36,041 32,661 308.526 9.178.2 3,160.1 1,119.0 2,036.9 6,016.4 110.350 0.5	97.4 69.5 647.5 5.8 9,128.6 10,118.1 36,225 32,773 308,733 9,199.3 3,158.6 1,125.2 2,030.3 6,038.4 110.534	97.9 70.7 637.2 5.7 9,110.5 10,099.3 36,226 32,691 308,930 9,189.3 3,159.9 1,116.5 2,038.7 6,027.4 110.812	98.5 70.7 600.6 5.4 9,111.8 10,106.5 36,244 32,695 309,119 9,228.2 3,193.0 1,131.0 2,057.7 6,034.6 110.855	70.7 597.4 5.3 9,112.9 10,134.3 36,378 32,764 309,312 9,258.6 3,233.3 1,169.2 2,064.0 6,026.7 111.029 0.4 0.4	99.5 72.2 682.4 6.0 9.188.9 10.211.9 36.622 32.994 309.509 9.257.2 3.223.7 1,159.1 2.063.4 110.997 0.7 0.7	100.1 72.2 710.6 6.2 9,240.2 10,262.4 36,746 33,133 309,718 9,280.5 3,221.8 1,158.2 2,062.3 110.900 0.4 0.4	100.6 72.2 719.8 6.3 9,250.8 10,281.6 36,742 33,772 309,946 9,289.3 1,156.2 2,064.4 6,066.9 110.760 0.1 0.1	172.8 101.2 71.6 675.1 5.9 9.248.1 10.261.0 36,716 33.080 310,185 9.314.6 3.232.7 1,172.0 2,061.2 (6,081.9 110.991	173.4 101.8 71.6 677.9 5.9 9,252.8 10,289.6 36,859 33,145 310,439 9,345.6 3,253.2 1,172.0 2,080.3 6,093.2 111.205	174.0 102.4 71.6 645.8 5.6 9.252.2 10,271.9 36,802 33,062 310,691 9.360.7 3,265.8 1,191.9 2,075.8 6,096.3 111.313	9,285.7 10,298.4 36,928 33,121 310,935 9,384.9 3,292.4 1,217.8 2,079.5 6,095.3

p Preliminary r. Revised CCAdj Capital consumption adjustment IVA Inventory valuation adjustment 1. Consists of nonmortgage interest paid by households.

^{2.} Equals disposable personal income deflated by the implicit price deflator for personal consumption expenditures.
3. Population is the total population of the United States, including the Armed Forces overseas and the institutionalized population. The monthly estimate is the average of estimates for the first of the month and the first of the following month; the annual estimate is the average of the monthly estimates.
Source: U.S. Bureau of Economic Analysis.

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C. Historical Measures

This table is derived from the "Selected NIPA Tables" that are published in this issue and from the "GDP and Other Major NIPA Series" tables that were published in the August 2010 issue. (The changes in prices are calculated from indexes expressed to three decimal places.)

Table C.1. GDP and Other Major NIPA Aggregates—Continues

[Quarterly estimates are seasonally adjusted at annual rates]

		Billions	of chained (2005) dollars	Percent ch precedin			orice indexes =100]	Implicit pric		Perce	ent change from	n preceding p	eriod
Year	and Quarter					Real final	_				Chain-type	price index	Implicit pric	e deflators
1041	and do dner	Gross domestic product	Final sales of domestic product	Gross national product	Real gross domestic product	sales of domestic product	Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product	Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product
1959		2,762.5	2,764.0	2,780.5	7.2	6.3	18.348	17.972	18.340	18.320	1.1	1.2	1.2	1.2
1960 1961 1962 1963		2,830.9 2,896.9 3,072.4 3,206.7	2,836.6 2,904.6 3,064.9 3,202.6	2,850.6 2,918.6 3,096.8 3,232.8	2.5 2.3 6.1 4.4	2.6 2.4 5.5 4.5	18.604 18.814 19.071 19.273	18.220 18.412 18.654 18.871	18.596 18.805 19.062 19.265	18.577 18.786 19.044 19.248	1.4 1.1 1.4 1.1	1.4 1.1 1.3 1.2	1.4 1.1 1.4 1.1	1.4 1.1 1.4 1.1
1964 1965 1966 1967 1968 1969		3,392.3 3,610.1 3,845.3 3,942.5 4,133.4	3,393.7 3,590.7 3,806.6 3,923.3 4,119.4	3,420.4 3,639.5 3,873.1 3,971.1 4,164.1	5.8 6.4 6.5 2.5 4.8	5.8 6.0 3.1 5.0	19.572 19.928 20.493 21.124 22.022	19.175 19.507 20.054 20.637 21.508	19.563 19.919 20.484 21.115 22.012	19.546 19.903 20.469 21.098 21.996	1.6 1.8 2.8 3.1 4.3	1.6 1.7 2.8 2.9 4.2	1.5 1.8 2.8 3.1 4.2	1.5 1.8 2.8 3.1 4.3 4.9
1970 1971 1972 1973 1974		4,261.8 4,269.9 4,413.3 4,647.7 4,917.0 4,889.9	4,248.6 4,287.9 4,407.4 4,640.6 4,888.2 4,874.1	4,291.6 4,299.4 4,446.0 4,682.9 4,964.5 4,944.0	3.1 0.2 3.4 5.3 5.8 -0.6	3.1 0.9 2.8 5.3 5.3 -0.3	23.110 24.328 25.545 26.647 28.124 30.669	22.563 23.778 25.000 26.112 27.623 30.459	23.099 24.317 25.533 26.634 28.112 30.664	23.081 24.299 25.515 26.617 28.097 30.643	4.9 5.3 5.0 4.3 5.5 9.0	4.9 5.4 5.1 4.4 5.8 10.3	4.9 5.3 5.0 4.3 5.5 9.1	5.3 5.0 4.3 5.6 9.1
1975 1976 1977 1978 1979		4,879.5 5,141.3 5,377.7 5,677.6 5,855.0	4,926.3 5,120.2 5,344.9 5,639.7 5,841.2	4,921.4 5,191.2 5,433.7 5,733.2 5,930.2	-0.2 5.4 4.6 5.6 3.1	1.1 3.9 4.4 5.5 3.6	33.577 35.505 37.764 40.413 43.773	33.300 35.208 37.586 40.252 43.797	33.563 35.489 37.751 40.400 43.761	33.541 35.472 37.735 40.385 43.745	9.5 5.7 6.4 7.0 8.3	9.3 5.7 6.8 7.1 8.8	9.5 5.7 6.4 7.0 8.3	9.5 5.8 6.4 7.0 8.3
1980 1981 1982 1983 1984		5,839.0 5,987.2 5,870.9 6,136.2 6,577.1	5,878.7 5,959.5 5,923.3 6,172.9 6,495.6	5,913.4 6,052.5 5,939.1 6,202.3 6,639.8	-0.3 2.5 -1.9 4.5 7.2	0.6 1.4 -0.6 4.2 5.2	47.776 52.281 55.467 57.655 59.823	48.408 52.864 55.859 57.817 59.854	47.751 52.225 55.412 57.603 59.766	47.728 52.206 55.391 57.586 59.749	9.1 9.4 6.1 3.9 3.8	10.5 9.2 5.7 3.5 3.5	9.1 9.4 6.1 4.0 3.8	9.1 9.4 6.1 4.0 3.8
1985 1986 1987 1988 1989		6,849.3 7,086.5 7,313.3 7,613.9 7,885.9	6,838.9 7,098.7 7,296.2 7,607.8 7,867.5	6,893.9 7,116.5 7,342.2 7,650.4 7,924.0	4.1 3.5 3.2 4.1 3.6	5.3 3.8 2.8 4.3 3.4	61.633 63.003 64.763 66.990 69.520	61.553 62.948 64.923 67.159 69.706	61.576 62.937 64.764 66.988 69.518	61.562 62.920 64.749 66.974 69.511	3.0 2.2 2.8 3.4 3.8	2.8 2.3 3.1 3.4 3.8	3.0 2.2 2.9 3.4 3.8	3.0 2.2 2.9 3.4 3.8
1990 1991 1992 1993 1994		8,033.9 8,015.1 8,287.1 8,523.4 8,870.7	8,032.7 8,034.8 8,284.3 8,515.3 8,809.2	8,081.8 8,055.6 8,326.4 8,563.2 8,900.5	1.9 -0.2 3.4 2.9 4.1	2.1 0.0 3.1 2.8 3.5	72.213 74.762 76.537 78.222 79.867	72.540 74.917 76.724 78.339 79.962	72.201 74.760 76.533 78.224 79.872	72.199 74.755 76.521 78.224 79.874	3.9 3.5 2.4 2.2 2.1	4.1 3.3 2.4 2.1 2.1	3.9 3.5 2.4 2.2 2.1	3.9 3.5 2.4 2.2 2.1
1995 1996 1997 1998 1999		9,093.7 9,433.9 9,854.3 10,283.5 10,779.8	9,073.2 9,412.5 9,782.6 10,217.1 10,715.7	9,129.4 9,471.1 9,881.8 10,304.0 10,812.1	2.5 3.7 4.5 4.4 4.8	3.0 3.7 3.9 4.4 4.9	85.507	81.674 83.150 84.397 84.962 86.304	81.536 83.088 84.555 85.511 86.768	81.542 83.096 84.558 85.509 86.766	2.1 1.9 1.8 1.1 1.5	2.1 1.8 1.5 0.7 1.6	2.1 1.9 1.8 1.1 1.5	2.1 1.9 1.8 1.1 1.5
2000 2001 2002 2003 2004		11,226.0 11,347.2 11,553.0 11,840.7 12,263.8	11,167.5 11,391.7 11,543.5 11,824.8 12,198.2	11,268.8 11,404.6 11,606.9 11,914.2 12,358.5	4.1 1.1 1.8 2.5 3.6	4.2 2.0 1.3 2.4 3.2	90.654 92.113 94.099		88.647 90.650 92.118 94.100 96.770	88.645 90.648 92.113 94.096 96.767	2.2 2.3 1.6 2.2 2.8	2.5 1.9 1.4 2.3 3.0	2.2 2.3 1.6 2.2 2.8	2.2 2.3 1.6 2.2 2.8
2005 2006 2007 2008 2009		12,638.4 12,976.2 13,228.9 13,228.8 12,880.6	12,588.4 12,917.1 13,200.0 13,268.1 12,992.8	12,735.5 13,046.1 13,344.4 13,388.7 13,014.7	3.1 2.7 1.9 0.0 -2.6	3.2 2.6 2.2 0.5 -2.1	106.301 108.598		100.000 103.257 106.296 108.619 109.615	100.000 103.260 106.300 108.626 109.609	3.3 3.3 2.9 2.2 0.9	3.7 3.4 2.9 3.2 -0.2	3.3 3.3 2.9 2.2 0.9	3.3 3.3 2.9 2.2 0.9

Table C.1. GDP and Other Major NIPA Aggregates—Continues

[Quarterly estimates are seasonally adjusted at annual rates]

		Billions	of chained (2005) dollars		nange from ng period	Chain-type [2005	price indexes =100]	Implicit pric	e deflators =100]	Perce	ent change from	m preceding p	eriod
Year	and Quarter	Gross	Final sales of	Gross	Real gross	Real final	Gross	Gross	Gross	Gross	Chain-type	price index	Implicit pric	e deflators
		domestic product	domestic product	national product	domestic product	sales of domestic product	domestic product	domestic purchases	domestic product	national product	Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product
1959:	 	2,710.3 2,778.8 2,775.5 2,785.2	2,714.7 2,761.5 2,795.1 2,784.6	2,727.5 2,795.9 2,793.8 2,804.6	8.3 10.5 -0.5 1.4	8.5 7.1 5.0 –1.5	18.267 18.309 18.369 18.446	17.892 17.936 17.992 18.066	18.281 18.299 18.350 18.427	18.261 18.279 18.331 18.408	1.5 0.9 1.3 1.7	1.6 1.0 1.3 1.7	0.5 0.4 1.1 1.7	0.6 0.4 1.1 1.7
1960:	I II IV	2,847.7 2,834.4 2,839.0 2,802.6	2,815.0 2,841.9 2,837.9 2,851.8	2,866.4 2,853.5 2,858.9 2,823.6	9.3 -1.9 0.7 -5.0	4.4 3.9 -0.5 2.0	18.483 18.561 18.646 18.726	18.100 18.177 18.261 18.341	18.505 18.564 18.632 18.684	18.486 18.544 18.613 18.665	0.8 1.7 1.8 1.7	0.8 1.7 1.9 1.8	1.7 1.3 1.5 1.1	1.7 1.3 1.5 1.1
1961:	1 II IV	2,819.3 2,872.0 2,918.4 2,977.8	2,854.0 2,884.6 2,906.9 2,973.0	2,841.4 2,893.1 2,939.9 2,999.8	2.4 7.7 6.6 8.4	0.3 4.4 3.1 9.4	18.750 18.786 18.835 18.884	18.361 18.383 18.432 18.473	18.727 18.769 18.827 18.892	18.707 18.749 18.808 18.874	0.5 0.8 1.0 1.0	0.4 0.5 1.1 0.9	0.9 0.9 1.2 1.4	0.9 0.9 1.3 1.4
1962:	 	3,031.2 3,064.7 3,093.0 3,100.6	3,009.2 3,060.5 3,084.3 3,105.6	3,053.1 3,088.6 3,117.2 3,128.1	7.4 4.5 3.7 1.0	5.0 7.0 3.1 2.8	18.992 19.040 19.091 19.159	18.569 18.627 18.675 18.744	19.004 19.030 19.076 19.136	18.985 19.012 19.058 19.119	2.3 1.0 1.1 1.4	2.1 1.3 1.0 1.5	2.4 0.5 1.0 1.3	2.4 0.6 1.0 1.3
1963:	 	3,141.1 3,180.4 3,240.3 3,265.0	3,126.2 3,179.2 3,235.7 3,269.3	3,167.4 3,205.9 3,266.2 3,291.7	5.3 5.1 7.7 3.1	2.7 7.0 7.3 4.2	19.213 19.232 19.266 19.382	18.803 18.827 18.868 18.986	19.180 19.217 19.255 19.402	19.163 19.200 19.238 19.385	1.1 0.4 0.7 2.4	1.3 0.5 0.9 2.5	0.9 0.8 0.8 3.1	0.9 0.8 0.8 3.1
1964:	 	3,338.2 3,376.6 3,422.5 3,432.0	3,340.8 3,380.5 3,422.4 3,431.3	3,367.2 3,404.5 3,451.2 3,458.8	9.3 4.7 5.5 1.1	9.0 4.8 5.1 1.0	19.452 19.518 19.614 19.704	19.060 19.129 19.216 19.296	19.460 19.512 19.590 19.686	19.443 19.496 19.573 19.669	1.5 1.4 2.0 1.8	1.6 1.5 1.8 1.7	1,2 1,1 1,6 2,0	1.2 1.1 1.6 2.0
1965:	\ V	3,516.3 3,564.0 3,636.3 3,724.0	3,485.5 3,548.5 3,615.2 3,713.4	3,546.6 3,595.2 3,665.5 3,750.8	10.2 5.5 8.4 10.0	6.5 7.4 7.7 11.3	19.788 19.876 19.963 20.086	19.364 19.450 19.541 19.675	19.785 19.870 19.943 20.071	19.769 19.854 19.927 20.055	1.7 1.8 1.8 2.5	1.4 1.8 1.9 2.8	2.0 1.7 1.5 2.6	2.0 1.7 1.5 2.6
1966:	 	3,815.4 3,828.1 3,853.3 3,884.5	3,775.3 3,792.4 3,824.0 3,834.8	3,843.1 3,855.9 3,880.5 3,912.8	10.2 1.3 2.7 3.3	6.8 1.8 3.4 1.1	20.209 20.401 20.591 20.772	19.784 19.973 20.146 20.312	20.201 20.374 20.584 20.773	20.186 20.358 20.568 20.757	2.5 3.9 3.8 3.6	2.2 3.9 3.5 3.3	2.6 3.5 4.2 3.7	2.6 3.5 4.2 3.7
1967:	 	3,918.7 3,919.6 3,950.8 3,981.0	3,873.6 3,915.0 3,934.9 3,969.8	3,946.7 3,946.8 3,980.8 4,010.1	3.6 0.1 3.2 3.1	4.1 4.3 2.0 3.6	20.874 21.002 21.194 21.426	20.393 20.518 20.708 20.930	20.868 20.980 21.185 21.419	20.852 20.963 21.169 21.403	2.0 2.5 3.7 4.5	1.6 2.5 3.8 4.4	1.8 2.2 4.0 4.5	1.8 2.1 4.0 4.5
1968:	I It III	4,063.0 4,132.0 4,160.3 4,178.3	4,052.9 4,093.6 4,152.2 4,178.6	4,092.9 4,162.5 4,191.6 4,209.4	8.5 7.0 2.8 1.7	8.7 4.1 5.9 2.6	21.658 21.900 22.111 22.418	21.156 21.377 21.600 21.900	21,653 21,880 22,096 22,407	21.638 21.864 22.080 22.390	4.4 4.5 3.9 5.7	4.4 4.2 4.2 5.7	4.4 4.3 4.0 5.7	4.5 4.2 4 .0 5.7
1969:	 V	4,244.1 4,256.5 4,283.4 4,263.3	4,221.8 4,242.6 4,264.6 4,265.4	4,275.4 4,286.6 4,312.3 4,292.1	6.5 1.2 2.6 -1.9	4.2 2.0 2.1 0.1	22.644 22.946 23.279 23.571	22.109 22.407 22.724 23.012	22.640 22.932 23.260 23.561	22.623 22.914 23.242 23.542	4.1 5.4 5.9 5.1	3.9 5.5 5.8 5.2	4.2 5.3 5.8 5.3	4.2 5.2 5.8 5.3
1970:	I II III	4,256.6 4,264.3 4,302.3 4,256.6	4,277.0 4,268.7 4,307.0 4,299.0	4,286.2 4,294.9 4,332.4 4,284.3	-0.6 0.7 3.6 -4.2	1.1 -0.8 3.6 -0.7	23.898 24.241 24.432 24.742	23.346 23.670 23.892 24.204	23.895 24.226 24.417 24.730	23.877 24.208 24.399 24.712	5.7 5.9 3.2 5.2	5.9 5.7 3.8 5.3	5.8 5.7 3.2 5.2	5.8 5.7 3.2 5.2
1971:	 	4,374.0 4,398.8 4,433.9 4,446.3	4,382.3 4,420.9	4,406.6 4,433.2 4,465.1 4,479.1	11.5 2.3 3.2 1.1	5.0 2.8 3.6 4.9	25.115 25.451 25.705 25.909	24.563 24.894 25.166 25.378	25.104 25.433 25.689 25.896	25.086 25.416 25.673 25.878	6.2 5.5 4.1 3.2	6.1 5.5 4.4 3.4	6.2 5.3 4.1 3.3	6.2 5.4 4.1 3.2
1972:	1 II III	4,525.8 4,633.1 4,677.5 4,754.5	4,611.6 4,653.2	4,560.0 4,666.8 4,714.0 4,790.8	7.3 9.8 3.9 6.8	5.7 6.8 3.7 9.6	26.333 26.486 26.728 27.041	25.775 25.952 26.207 26.514	26.297 26.452 26.708 27.060	26.279 26.435 26.691 27.044	6.7 2.3 3.7 4.8	6.4 2.8 4.0 4.8	6.3 2.4 3.9 5.4	6.3 2.4 3.9 5.4
1973:	 	4,876.2 4,932.6 4,906.3 4,953.1	4,889.7	4,917.9 4,977.0 4,957.9 5,005.1	10.6 4.7 -2.1 3.9	9.1 2.0 0.5 0.5	27.394 27.851 28.383 28.869	26.862 27.368 27.872 28.391	27.380 27.804 28.346 28.907	27.365 27.789 28.330 28.893	5.3 6.8 7.9 7.0	5.4 7.8 7.6 7.7	4.8 6.3 8.0 8.2	4.8 6.3 8.0 8.2
1974:	f II III	4,909.6 4,922.2 4,873.5 4,854.3	4,900.8 4,885.7	4,970.5 4,979.8 4,926.0 4,899.7	-3.5 1.0 -3.9 -1.6	-0.5 0.4 -1.2 -5.7	29.465 30.125 31.063 32.022	29.981 30.903	29.463 30.166 31.059 31.987	29.445 30.146 31.038 31.964	8.5 9.3 13.0 12.9	11.1 12.0 12.9 12.2	7.9 9.9 12.4 12.5	7.9 9.9 12.4 12.5
1975:	 	4,795.3 4,831.9 4,913.3 4,977.5	4,902.1	4,833.4 4,870.4 4,954.8 5,026.9	-4.8 3.1 6.9 5.3	3.2 4.2 3.6 4.8	32.760 33.237 33.857 34.454	32.501 32.991 33.563 34.144	32.729 33.216 33.835 34.433	32.706 33.193 33.814 34.413	9.5 6.0 7.7 7.2	9.0 6.2 7.1 7.1	9.6 6.1 7.7 7.3	9.6 6.1 7.7 7.3
1976:	 	5,090.7 5,128.9 5,154.1 5,191.5	5,090.9 5,122.4	5,138.6 5,178.8 5,204.4 5,243.0	9.4 3.0 2.0 2.9	5.6 1.4 2.5 5.7	34.841 35.208 35.680 36.291	34.531 34.905 35.407 35.989	34.807 35.178 35.655 36.300	34.789 35.160 35.639 36.284	4.6 4.3 5.5 7.0	4.6 4.4 5.9 6.7	4.4 4.3 5.5 7.4	4.4 4.3 5.6 7.4

Table C.1. GDP and Other Major NIPA Aggregates—Continues [Quarterly estimates are seasonally adjusted at annual rates]

		Billions	of chained (2005	i) dollars		nange from ng period	Chain-type p [2005	orice indexes i=100]	Implicit pric [2005	e deflators =100]	Perce	ent change from	n preceding p	eriod
Year	and Quarter	Gross	Final sales of	Gross	Real gross	Real final	Gross	Gross	Gross	Gross	Chain-type	price index	Implicit pric	e deflators
		domestic product	domestic product	national product	domestic product	sales of domestic product	domestic	domestic	domestic product	national product	Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product
1977:	I II IV	5,251.8 5,356.1 5,451.9 5,450.8	5,242.7 5,327.0 5,383.0 5,426.9	5,310.6 5,413.8 5,509.0 5,501.5	4.7 8.2 7.3 –0.1	3.8 6.6 4.3 3.3	36.901 37.491 38.009 38.652	36.668 37.295 37.864 38.517	36.911 37.438 37.894 38.725	36.894 37.423 37.881 38.709	6.9 6.6 5.6 6.9	7.8 7.0 6.2 7.1	6.9 5.8 5.0 9.1	6.9 5.9 5.0 9.0
1978:	 	5,469.4 5,684.6 5,740.3 5,816.2	5,701.2	5,528.1 5,733.5 5,793.7 5,877.5	1.4 16.7 4.0 5.4	0.5 16.8 3.7 5.2	39.290 40.048 40.741 41.571	39.145 39.900 40.592 41.369	39.292 40.016 40.681 41.540	39.275 40.001 40.667 41.525	6.8 7.9 7.1 8.4	6.7 7.9 7.1 7.9	6.0 7.6 6.8 8.7	6.0 7.6 6.8 8.7
1979:	 1	5,825.9 5,831.4 5,873.3 5,889.5		5,888.8 5,901.8 5,957.3 5,972.9	0.7 0.4 2.9 1.1	1.3 0.0 5.9 1.8	42.334 43.364 44.260 45.136	42.169 43.244 44.345 45.429	42.282 43.325 44.263 45.155	42.267 43.307 44.245 45.136	7.5 10.1 8.5 8.2	8.0 10.6 10.6 10.1	7.3 10.2 8.9 8.3	7.3 10.2 8.9 8.3
1980:	[5,908.5 5,787.4 5,776.6 5,883.5		5,993.4 5,865.8 5,850.6 5,943.7	1.3 -7.9 -0.7 7.6	0.8 -7.6 5.3 3.6	46.126 47.156 48.232 49.591	46.678 47.827 48.914 50.211	46.105 47.137 48.215 49.551	46.085 47.117 48.194 49.529	9.1 9.2 9.4 11.8	11.5 10.2 9.4 11.0	8.7 9.3 9.5 11.6	8.7 9.3 9.5 11.5
1981:	 	6,005.7 5,957.8 6,030.2 5,955.1		6,069.9 6,018.3 6,094.4 6,027.2	8.6 -3.2 4.9 -4.9	0.8 0.5	50.894 51.802 52.754 53.674	51.534 52.460 53.271 54.193	50.808 51.769 52.685 53.646	50.788 51.747 52.666 53.628	10.9 7.3 7.6 7.2	11.0 7.4 6.3 7.1	10.5 7.8 7.3 7.5	10.6 7.8 7.3 7.5
1982:	 	5,857.3 5,889.1 5,866.4 5,871.0	5,920.3 5,881.5	5,925.6 5,965.7 5,931.4 5,933.6	-6.4 2.2 -1.5 0.3	-2.6	54.430 55.105 55.870 56.463	54.906 55.494 56.231 56.806	54.375 55.033 55.816 56.422	54.356 55.013 55.795 56.401	5.8 5.1 5.7 4.3	5.4 4.4 5.4 4.2	5.5 4.9 5.8 4.4	5.5 4.9 5.8 4.4
1983;	 V	5,944.0 6,077.6 6,197.5 6,325.6	6,117.1 6,230.5	6,005.9 6,143.5 6,264.6 6,395.3	5.1 9.3 8.1 8.5	7.6	56.946 57.362 57.947 58.366	57.157 57.550 58.113 58.447	56.880 57.296 57.880 58.305	56.861 57.280 57.864 58.290	3.5 3.0 4.1 2.9	2.5 2.8 4.0 2.3	3.3 3.0 4.1 3.0	3.3 3.0 4.1 3.0
1984:	I II III	6,448.3 6,559.6 6,623.3 6,677.3	6,471.1 6,530.8	6,512.8 6,624.4 6,687.5 6,734.4	8.0 7.1 3.9 3.3	7.5 3.7	59.091 59.624 60.111 60.466	59.172 59.699 60.113 60.431	59.045 59.551 60.029 60.413	59.029 59.535 60.012 60.394	5.1 3.7 3.3 2.4	5.1 3.6 2.8 2.1	5.2 3.5 3.2 2.6	5.2 3.5 3.2 2.6
1985:	I II III	6,740.3 6,797.3 6,903.5 6,955.9	6,789.6 6,899.9	6,785.7 6,845.8 6,943.5 7,000.5	3.8 3.4 6.4 3.1	3.1 6.7	61.157 61.471 61.763 62.142	61.009 61.356 61.679 62.169	61.083 61.431 61.683 62.087	61.062 61.415 61.677 62.078	4.7 2.1 1.9 2.5	3.9 2.3 2.1 3.2	4.5 2.3 1.7 2.6	4.5 2.3 1.7 2.6
1986;	 	7,022.8 7,051.0 7,119.0 7,153.4	7,052.2 7,151.4	7,061.9 7,079.0 7,150.4 7,174.6	3.9 1.6 3.9 1.9	3.0 5.8	62.769 63.165	63.081	62.403 62.732 63.089 63.513	62.391 62.716 63.071 63.491	2.0 2.0 2.5 2.9	2.2 0.8 2.9 3.1	2.1 2.1 2.3 2.7	2.0 2.1 2.3 2.7
1987:	[1]] V	7,193.0 7,269.5 7,332.6 7,458.0	7,268.4 7,355.2	7,217.0 7,299.6 7,361.9 7,490.1	2.2 4.3 3.5 7.0	5.4 4.9	64.122 64.482 64.990 65.456	65.191	64.105 64.471 64.977 65.475	64.088 64.458 64.964 65.460	3.2 2.3 3.2 2.9	4.0 2.9 3.4 3.0	3.8 2.3 3.2 3.1	3.8 2.3 3.2 3.1
1988;	 	7,496.6 7,592.9 7,632.1 7,734.0	7,587.9 7,624.0	7,536.7 7,629.6 7,665.1 7,770.3	2.1 5.2 2.1 5.5	1.9	67.408	66.854 67.479	66.012 66.632 67.384 67.895	65.997 66.617 67.368 67.883	3.3 3.9 4.8 3.3	3.4 3.9 3.8 3.6	3.3 3.8 4.6 3.1	3.3 3.8 4.6 3.1
1989:	I II IV	7,806.6 7,865.0 7,927.4 7,944.7	7,834.5 7,933.2	7,842.3 7,899.3 7,964.5 7,990.1	3.8 3.0 3.2 0.9	3.9 5.1	68.662 69.346 69.816 70.256	69.581 69.958	68.664 69.340 69.795 70.257	68.652 69.331 69.790 70.254	4.2 4.0 2.7 2.5	4.5 4.4 2.2 2.8	4.6 4.0 2.7 2.7	4.6 4.0 2.7 2.7
1990:	 # 	8,027.7 8,059.6 8,059.5 7,988.9	8,032.8 8,048.6	8,070.3 8,103.5 8,096.5 8,057.0	4.2 1.6 0.0 -3.5	0.2 0.8	71.936 72.604	72.070 72.884	71.106 71.931 72.593 73.176	71.103 71.926 72.589 73.177	4.9 4.7 3.8 3.3	5.5 3.8 4.6 5.1	4.9 4.7 3.7 3.3	4.9 4.7 3.7 3.3
1991:	 	7,950.2 8,003.8 8,037.5 8,069.0	8,045.4 8,056.5	8,001.5 8,040.2 8,069.5 8,111.2	2.7 1.7	2.9 0.6	74.503 75.067	74.644 75.135	73.963 74.490 75.069 75.505	73.962 74.487 75.063 75.498	4.3 2.8 3.1 2.3	2.8 1.8 2.7 2.4	4.4 2.9 3.1 2.3	4.4 2.9 3.1 2.3
1992:	 V	8,157.6 8,244.3 8,329.4 8,417.0	8,232.0 8,322.5	8,199.3 8,285.3 8,366.1 8,455.0	4.3 4.2	2.9 4.5	76.371 76.710	76.525 76.967	75.889 76.358 76.713 77.149	75.878 76.346 76.700 77.138	2.3 2.4 1.8 2.3	2.5 2.5 2.3 2.0	2.0 2.5 1.9 2.3	2.0 2.5 1.9 2.3
1993:	 } V	8,432.5 8,486.4 8,531.1 8,643.8	8,474.1 8,540.5	8,480.0 8,525.2 8,577.4 8,670.4	2.1	3.4 3.2	78.042 78.409	78.204 78.502	77.610 78.039 78.399 78.829	77.607 78.039 78.402 78.834	2.5 2.2 1.9 2.1	2.2	1.9	2.5 2.2 1.9 2.2

Table C.1. GDP and Other Major NIPA Aggregates—Table Ends

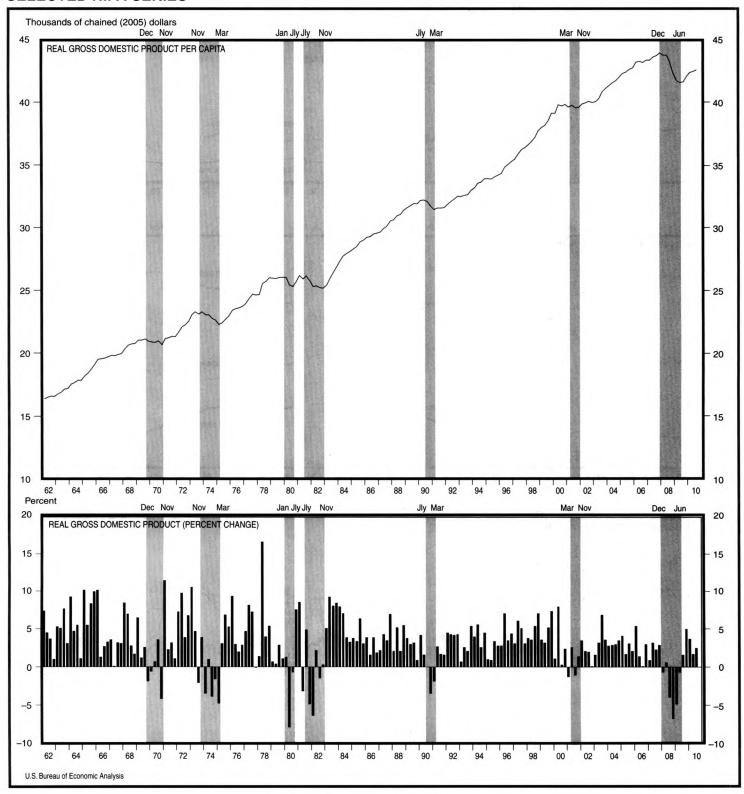
[Quarterly estimates are seasonally adjusted at annual rates]

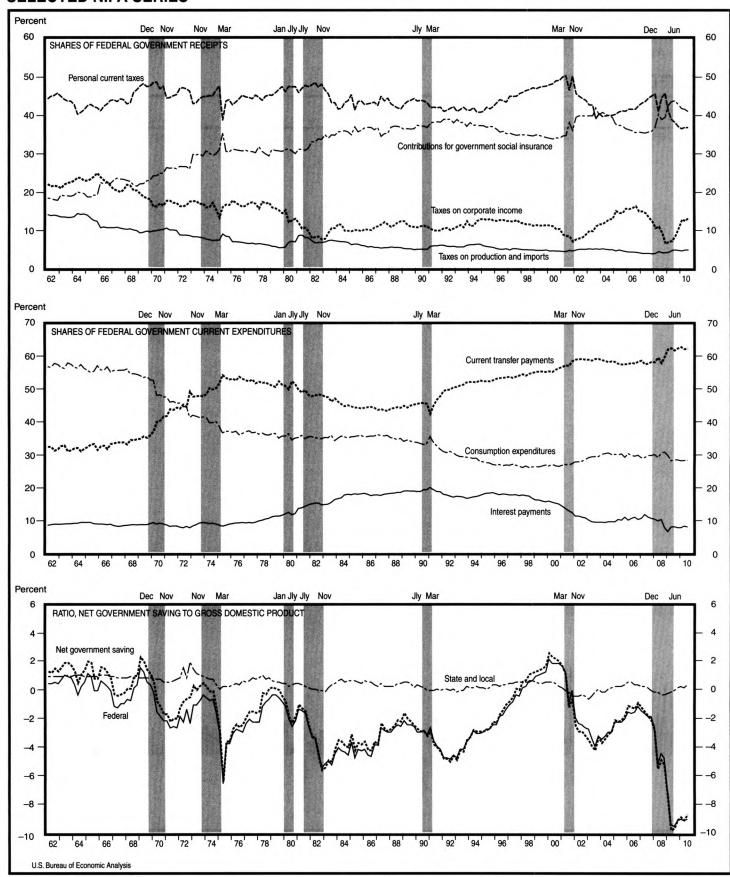
		Billions	of chained (2005	i) dollars	Percent ch precedir			orice indexes i=100]	Implicit prio (2005		Perce	ent change fro	m preceding p	eriod
Year	r and Quarter	Gross domestic product	Final sales of domestic product	Gross national product	Real gross domestic product	Real final sales of domestic product	Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product	Gross domestic	price index Gross domestic	Implicit pric Gross domestic	Gross national
1994:	I 11 IV	8,727.9 8,847.3 8,904.3 9,003.2	8,689.0 8,762.2 8,857.2 8,928.4	8,763.3 8,877.5 8,931.5 9,029.7	4.0 5.6 2.6 4.5	2.2 3.4 4.4 3.3	79.250 79.633 80.080 80.503	79.264 79.694 80.245 80.646	79.244 79.621 80.094 80.507	79.247 79.625 80.096 80.510	2.2 1.9 2.3 2.1	2.0 2.2 2.8 2.0	2.1 1.9 2.4 2.1	2.1 1.9 2.4 2.1
1995:	I II	9,025.3 9,044.7 9,120.7 9,184.3	8,966.4 9,019.4 9,126.8 9,180.1	9,063.8 9,086.4 9,145.0 9,222.5	1.0 0.9 3.4 2.8	1.7 2.4 4.9 2.4	80.985 81.346 81.691 82.110	81.110 81.539 81.840 82.208	80.969 81.328 81.710 82.125	80.973 81.334 81.717 82.132	2.4 1.8 1.7 2.1	2.3 2.1 1.5 1.8	2.3 1.8 1.9 2.0	2.3 1.8 1.9 2.0
1996:	 	9,247.2 9,407.1 9,488.9 9,592.5	9,259.4 9,392.1 9,433.0 9,565.4	9,292.9 9,442.1 9,520.0 9,629.6	2.8 7.1 3.5 4.4	3.5 5.9 1.8 5.7	82.554 82.859 83.269 83.650	82.642 82.920 83.287 83.752	82.600 82.916 83.179 83.638	82.608 82.925 83.186 83.645	2.2 1.5 2.0 1.8	2.1 1.4 1.8 2.3	2.3 1.5 1.3 2.2	2.3 1.5 1.3 2.2
1997:	 	9,666.2 9,809.6 9,932.7 10,008.9	9,632.6 9,709.3 9,862.5 9,925.9	9,693.2 9,845.8 9,959.7 10,028.3	3.1 6.1 5.1 3.1	2.8 3.2 6.5 2.6	84.075 84.450 84.686 85.007	84.118 84.273 84.463 84.735	84.179 84.375 84.669 84.982	84.184 84.378 84.673 84.982	2.0 1.8 1.1 1.5	1.8 0.7 0.9 1.3	2.6 0.9 1.4 1.5	2.6 0.9 1.4 1.5
1998:	 V	10,103.4 10,194.3 10,328.8 10,507.6	9,988.3 10,157.1 10,274.3 10,448.5	10,133.3 10,221.2 10,340.3 10,521.2	3.8 3.6 5.4 7.1	2.5 6.9 4.7 7.0	85.134 85.344 85.663 85.888	84.689 84.810 85.054 85.297	85.125 85.329 85.656 85.914	85.125 85.327 85.653 85.913	0.6 1.0 1.5 1.1	-0.2 0.6 1.2 1.1	0.7 1.0 1.5 1.2	0.7 1.0 1.5 1.2
1999:	I II IV	10,601.2 10,684.0 10,819.9 11,014.3	10,517.3 10,648.2 10,779.7 10,917.5	10,628.0 10,716.6 10,848.9 11,055.0	3.6 3.2 5.2 7.4	2.7 5.1 5.0 5.2	86.252 86.615 86.919 87.275	85.634 86.100 86.509 86.974	86.298 86.602 86.924 87.230	86.295 86.600 86.922 87.229	1.7 1.7 1.4 1.6	1.6 2.2 1.9 2.2	1.8 1.4 1.5 1.4	1.8 1.4 1.5 1.4
2000:	I II IV	11,043.0 11,258.5 11,267.9 11,334.5	11,027.6 11,158.0 11,206.4 11,278.1	11,078.6 11,297.8 11,302.4 11,396.4	1.1 8.0 0.3 2.4	4.1 4.8 1.7 2.6	87.939 88.386 88.908 89.359	87.778 88.153 88.716 89.204	87.924 88.370 88.903 89.371	87.922 88.367 88.901 89.369	3.1 2.0 2.4 2.0	3.7 1.7 2.6 2.2	3.2 2.0 2.4 2.1	3.2 2.0 2.4 2.1
2001:	I II IV	11,297.2 11,371.3 11,340.1 11,380.1	11,335.1 11,385.2 11,373.8 11,472.8	11,343.3 11,426.4 11,369.9 11,479.0	-1.3 2.6 -1.1 1.4	2.0 1.8 -0.4 3.5	89.977 90.603 90.891 91.144	89.738 90.142 90.274 90.337	89.979 90.590 90.874 91.151	89.976 90.587 90.873 91.150	2.8 2.8 1.3 1.1	2.4 1.8 0.6 0.3	2.7 2.7 1.3 1.2	2.7 2.7 1.3 1.2
2002:	I II III	11,477.9 11,538.8 11,596.4 11,598.8	11,496.4 11,528.9 11,579.7 11,569.1	11,534.0 11,575.1 11,648.5 11,669.9	3.5 2.1 2.0 0.1	0.8 1.1 1.8 0.4	91.469 91.873 92.282 92.828	90.642 91.223 91.621 92.200	91.469 91.881 92.284 92.828	91.466 91.875 92.279 92.821	1.4 1.8 1.8 2.4	1.4 2.6 1.8 2.6	1.4 1.8 1.8 2.4	1.4 1.8 1.8 2.4
2003:	I II IV	11,645.8 11,738.7 11,935.5 12,042.8	11,616.5 11,743.8 11,933.4 12,005.3	11,701.8 11,809.3 12,005.6 12,140.2	1.6 3.2 6.9 3.6	1.6 4.5 6.6 2.4	93.501 93.780 94.304 94.813	93.105 93.174 93.712 94.207	93.496 93.776 94.304 94.799	93.492 93.771 94.300 94.795	2.9 1.2 2.3 2.2	4.0 0.3 2.3 2.1	2.9 1.2 2.3 2.1	2.9 1.2 2.3 2.1
2004:	 V	12,127.6 12,213.8 12,303.5 12,410.3	12,076.2 12,136.3 12,241.1 12,339.2	12,243.7 12,303.0 12,403.5 12,483.7	2.8 2.9 3.0 3.5	2.4 2.0 3.5 3.2	95.624 96.441 97.146 97.864	95.151 96.002 96.766 97.681	95.626 96.435 97.131 97.862	95.623 96.433 97.128 97.860	3.5 3.5 3.0 3.0	4.1 3.6 3.2 3.8	3.5 3.4 2.9 3.0	3.5 3.4 2.9 3.0
2005:	1 II IV	12,534.1 12,587.5 12,683.2 12,748.7	12,443.2 12,572.0 12,671.2 12,667.2	12,642.6 12,684.5 12,789.5 12,825.6	4.1 1.7 3.1 2.1	3.4 4.2 3.2 -0.1	98.774 99.445 100.470 101.312	98.561 99.333 100.541 101.565	98.766 99.438 100.461 101.309	98.764 99.437 100.463 101.314	3.8 2.7 4.2 3.4	3.7 3.2 5.0 4.1	3.7 2.7 4.2 3.4	3.7 2.8 4.2 3.4
2006:	I II IV	12,915.9 12,962.5 12,965.9 13,060.7	12,851.3 12,891.0 12,898.3 13,027.8	12,994.2 13,035.4 13,025.1 13,129.5	5.4 1.4 0.1 3.0	5.9 1.2 0.2 4.1	102.071 102.980 103.763 104.237	102.275 103.173 103.910 104.162	102.071 102.973 103.756 104.218	102.076 102.976 103.760 104.217	3.0 3.6 3.1 1.8	2.8 3.6 2.9 1.0	3.0 3.6 3.1 1.8	3.0 3.6 3.1 1.8
2007:	I II IV	13,089.3 13,194.1 13,268.5 13,363.5	13,071.1 13,146.4 13,230.4 13,352.2	13,155.8 13,269.0 13,404.4 13,548.5	0.9 3.2 2.3 2.9	1.3 2.3 2.6 3.7	105.366 106.188 106.709 106.940	105.297 106.118 106.653 107.644	105.349 106.169 106.706 106.943	105.351 106.169 106.703 106.949	4.4 3.2 2.0 0.9	4.4 3.2 2.0 3.8	4.4 3.2 2.0 0.9	4.4 3.1 2.0 0.9
2008:	I II IV	13,339.2 13,359.0 13,223.5 12,993.7	13,346.2 13,382.4 13,249.6 13,094.1	13,516.8 13,519.7 13,408.7 13,109.5	-0.7 0.6 -4.0 -6.8	-0.2 1.1 -3.9 -4.6	107.454 108.295 109.488 109.154	108.693 109.887 110.953 109.720	107.416 108.330 109.539 109.216	107.427 108.340 109.550 109.213	1.9 3.2 4.5 -1.2	4.0 4.5 3.9 -4.4	1.8 3.4 4.5 -1.2	1.8 3.4 4.5 -1.2
2009:	I II IV	12,832.6 12,810.0 12,860.8 13,019.0	12,971.4 12,984.5	12,945.5 12,929.4 13,013.8 13,170.1	-4.9 -0.7 1.6 5.0	-3.9 0.2 0.4 2.1	109.465 109.555 109.759 109.693	109.163 109.326 109.702 110.265	109.484 109.558 109.750 109.665	109.476 109.550 109.744 109.664	1.1 0.3 0.7 -0.2	-2.0 0.6 1.4 2.1	1.0 0.3 0.7 -0.3	1.0 0.3 0.7 -0.3
2010:	l II III	13,138.8 13,194.9 13,277.4	13,085.5 13,114.7 13,154.5	13,313.0 13,372.7 13,449.8	3.7 1.7 2.5	1.1 0.9 1.2	109.959 110.485 111.111	110.838 110.852 111.081	109.952 110.488 111.092	109.950 110.479 111.080	1.0 1.9 2.3	2.1 0.1 0.8	1.1 2.0 2.2	1.0 1.9 2.2

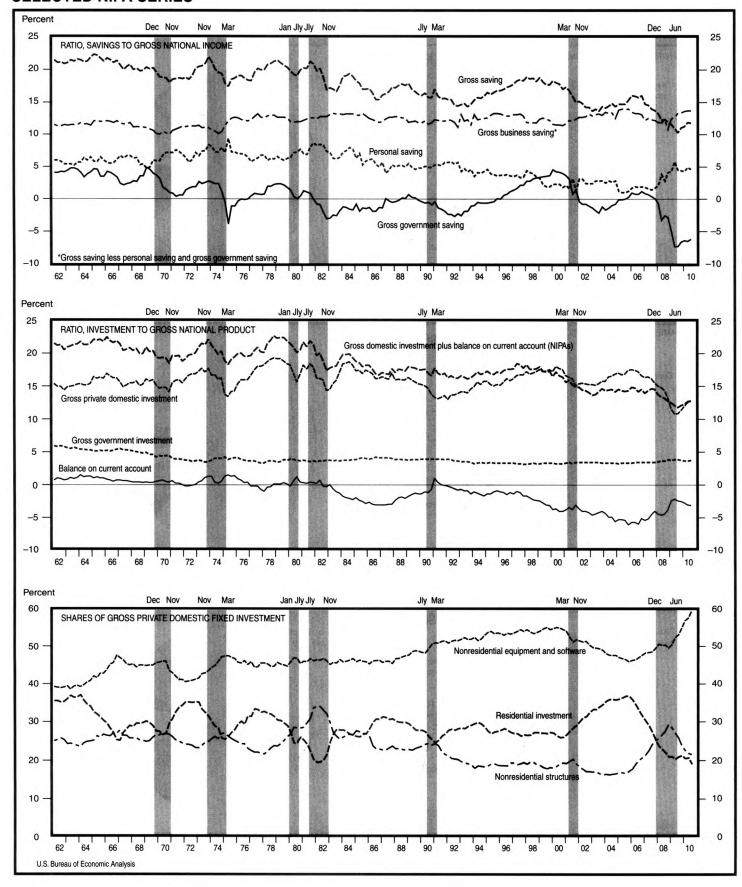
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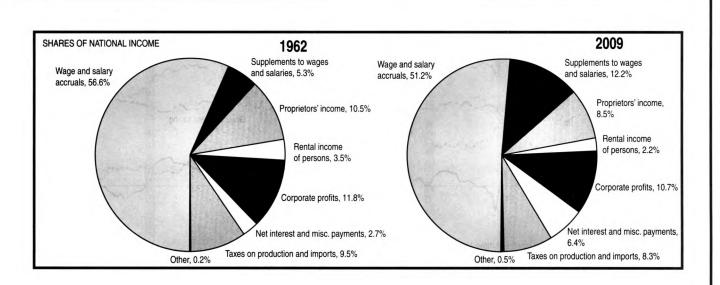
D. Charts

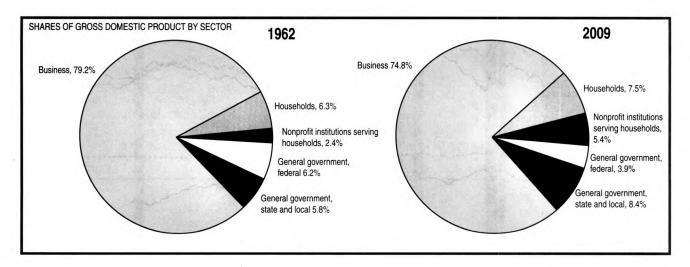
All series are seasonally adjusted at annual rates. The percent changes in real gross domestic product are based on quarter-to-quarter changes. The shaded areas mark the beginning and end of recessions as determined by the Business Cycle Dating Committee of the National Bureau of Economic Research.

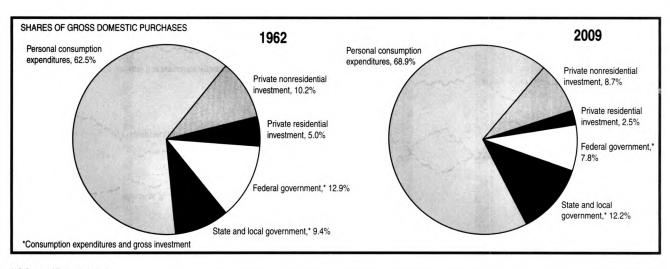




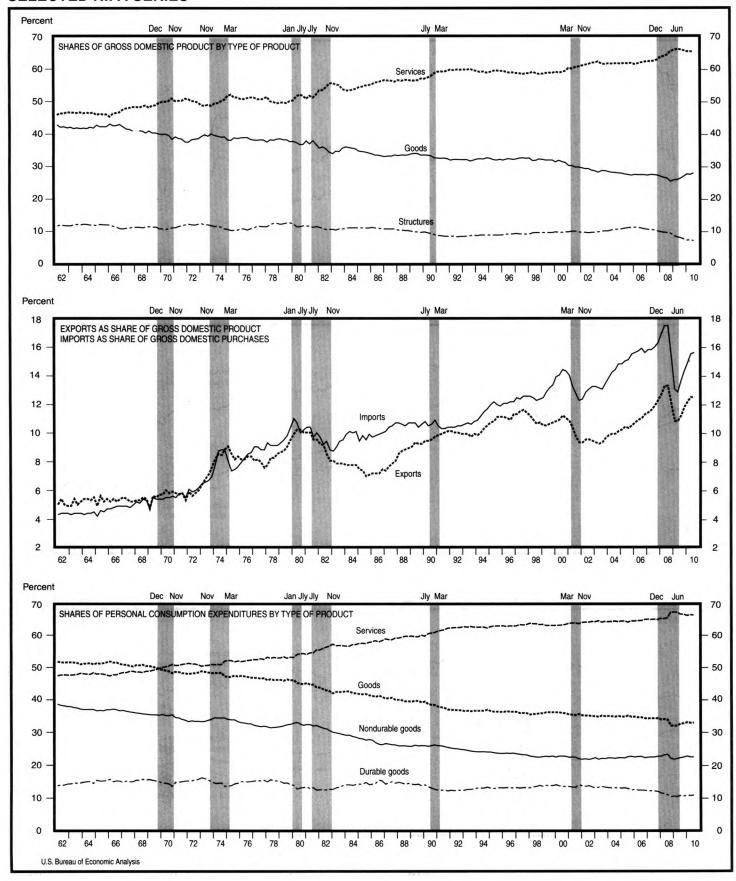


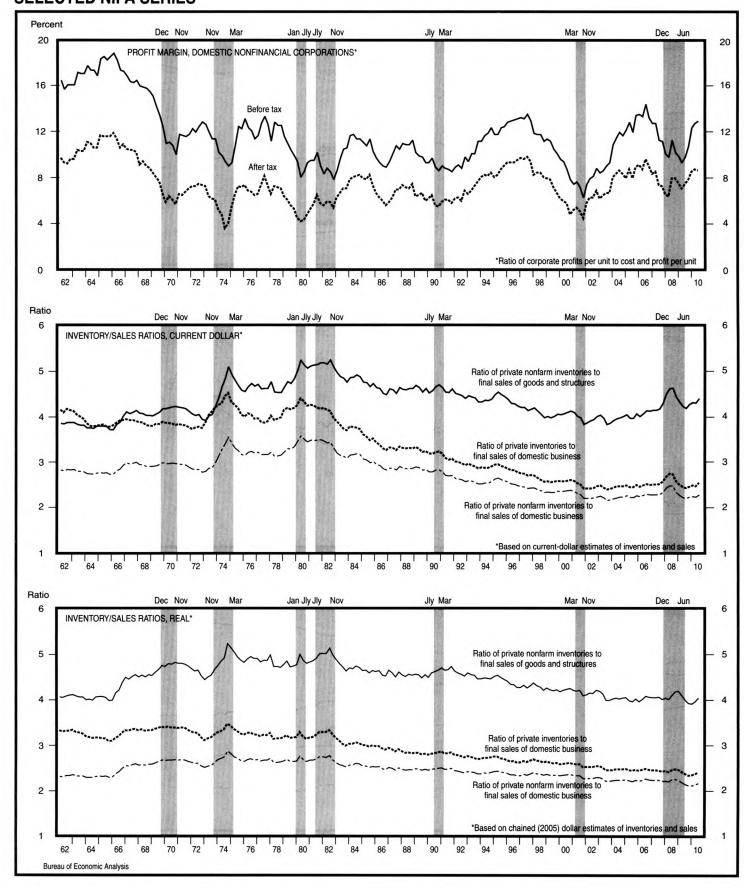






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Industry Data

E. Industry Table

The statistics in this table were published in tables 3a and 5a in "Annual Industry Accounts: Advance Statistics on GDP by Industry for 2009 and Revised Statistics for 1998–2008" in the June 2010 Survey of Current Business.

Table E.1. Percent Changes in Chain-Type Quantity and Price Indexes for Value Added by Industry for 2007–2009

Line			hain-ty ntity inc			hain-typ ce inde		Line			nain-typ			nain-ty e inde	
		2007	2008	2009	2007	2008	2009			2007	2008	2009	2007	2008	2009
1	Gross domestic product	2.1	0.4	-2.4	2.9	2.1	1.2	50	Finance, insurance, real estate, rental, and leasing	2.2	1.6	-2.4	2.4	3.0	3.0
2 1	Private industries	2.2	-0.1	-2.6	2.7	2.3	0.5	51	Finance and insurance	-1.4	3.2	-2.7	2.9	3.6	2.7
3	Agriculture, forestry, fishing, and hunting	-5.7	9.5	4.6	27.2	1.4	-20.1	52		-2.8	-3.5		2.7	4.3	i
4	Farms			7.0	35.2	0.7		53	activitiesSecurities, commodity contracts, and investments				8.9		
5	Forestry, fishing, and related activities				3.6	4.3		54					0.6		
6	Mining	-4.5	0.3	3.7	10.7	26.4	-27.4	55	Funds, trusts, and other financial vehicles	14.9	19.0		-2.4	0.0	
7	Oil and gas extraction	-5.3	-5.8		7.6	43.6		56	Real estate and rental and leasing	4.6	0.7	-2.3	2.1	2.6	3.3
8	Mining, except oil and gas	-5.3	-4.9		13.6	17.0		57	Real estate	4.3	1.4		2.1		
9	Support activities for mining	-0.9	30.2		18.9	-12.1		58	Rental and leasing services and lessors of intangible assets	6.4	-5.6		1.8	4.2	
10	Utilities	3.5	3.2	3.1	1.1	0.1	2.3	59	Professional and business services	2.7	1.5	-3.0	5.2	1.5	1.7
11	Construction	-3.9	-3.3	-9.9	5.6	0.0	0.4	60	Professional, scientific, and technical services	2.6	1.8	-1.8	4.8	2.7	2.5
12		ł			-1.0	1.4	-0.2	61	Legal services	-2.2	-6.5		7.0		
13	Manufacturing Durable goods		0.3		-1.4	-2.8		62	Computer systems design and related services	11.3			-0.2	0.3	
14	Wood products				-13.9	-6.0		63	Miscellaneous professional, scientific, and technical services	2.2	3.7	••••	5.3	2.3	
15	Nonmetallic mineral products	1.0	-6.9		-0.6	-4.5		64	Management of companies and enterprises	-1.3	2.4	-2.6	10.4	-0.2	-0.7
16	Primary metals		-8.2		6.1	6.3		65	Administrative and waste management services	5.3	0.2	-6.5	3.1	-0.5	1.2
17 18	Fabricated metal products		-3.4 1.8		4.2 2.2	3.4 -0.9		66					3.2	-0.9	
19	Machinery Computer and electronic products		9.9		-11.1	-10.1		67	Waste management and remediation services				2.5	3.1	
20	Electrical equipment, appliances, and components	-4.4	7.7		5.3	1.8		68	Educational services, health care, and social assistance	2.0	3.2	1.4	3.9	2.4	3.1
21 22 23	Motor vehicles, bodies and trailers, and parts	-0.3	-6.6		-2.5	-8.8				1		1		l	
22	Other transportation equipment	13.9			0.8	-0.1		69	Educational services	1.7	2.2	-1.1	4.8	4.1	5.8
23	Furniture and related products	-11.9			3.5	0.7		70	Health care and social assistance	2.1	3.3	1.7	3.8	2.1	2.7
24 25	Miscellaneous manufacturing. Nondurable goods	4.4 5.0			1.8 -0.4	-0.6 6.8	0.6	71	Ambulatory health care services	1.7	4.4		4.2		
26	Food and beverage and tobacco products				-4.1	11.0		72					3.4		
26 27	Textile mills and textile product mills	4.4			-2.2	1.8		73	Social assistance	3.8	2.3		3.3	2.9	
28	Apparel and leather and allied products	-3.3	-3.1		-0.2	-2.1		74							
29	Paper products	-3.1	-4.6		2.6	6.2			services	1.4	-1.3	-3.1	3.6	2.8	3.2
30	Printing and related support activities				-0.7	-3.6 -0.1		75	Arts, entertainment, and recreation	0.8	2.5	-2.2	3.4	2.1	2.1
31 32	Petroleum and coal products	8.3		1	4.6 -0.2	12.6		76		"			",	,	
33	Plastics and rubber products	12.7			-2.7	2.8			activities	3.5			4.2		
34	Wholesale trade	1			3.5	1.2		77	Amusements, gambling, and recreation industries	-2.4	6.6		2.4	1.5	
- 1			1	1				78				-3.4		3.1	
35	Retail trade	1.6	-5.2	-4.5	0.4	2.3	1.8	79					4.1	1.3	
36	Transportation and warehousing	3.0	-2.5	-2.8	0.1	1.9	0.0	80	Food services and drinking places	1.4	-2.4		3.6	3.8	
37	Air transportation	4.9			-2.1	0.3		81	Other services, except government	2.2	-0.3	-4.5	3.9	3.9	3.3
38	Rail transportation				3.4	12.4		82		1	2.0	1.9	4.3	3.1	2.4
39	Water transportation	27.4			-12.6	-7.4		II .					1		
40 41	Truck transportation	3.4			-2.2 1.5	-0.1		83 84					4.5	2.0 2.0	
42	Transit and ground passenger transportation Pipeline transportation				3.9	1.7		85					4.7 3.7		
43	Other transportation and support activities				3.1	3.3		86				1			
44	Warehousing and storage				3.4	4.2		87					4.4		
45	Information	1		1		-1.4		88					2.2		
46	Publishing industries (includes software)		-0.4		-0.2	0.0		1	Addenda:			1	1		1
47	Motion picture and sound recording industries		-2.6		3.4	0.8		89	Private goods-producing industries 1	1.1	-2.5	-5.3	2.8	3.3	-4.4
48	Broadcasting and telecommunications	9.6	2.2		-0.7	-2.4	}	90	Private services-producing industries 2	2.5	0.6	-1.9	2.7	2.1	1.9
49	Information and data processing services	-10.5	4.8		-6.6	-1.0	į	91	Information-communications-technology-producing industries 3	7.6	5.4	-0.1	-5.0	-3.6	-3.2

Consists of agriculture, forestry, fishing, and hunting; mining; construction; and manufacturing.
 Consists of utilities; wholesale trade; retail trade; transportation and warehousing; information; finance, insurance, real estate, rental, and leasing; professional and business services; educational services, health care, and social

assistance; arts, entertainment, recreation, accommodation, and food services; and other services, except government.

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

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International Data

F. Transactions Tables

Selected U.S. international transactions tables are presented in this section. For BEA's full set of detailed estimates of U.S. international transactions, visit BEA's Web site at www.bea.gov.

Table F.1. U.S. International Transactions in Goods and Services

[Millions of dollars, monthly estimates seasonally adjusted]

	2008	2009		20	09						20	110				
	2008	2009	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April ^r	May r	June ^r	July '	Aug. r	Sept. r	Oct. P
Exports of goods and services	1,839,012	1,570,797	134,180	138,094	138,997	143,353	144,512	144,368	150,035	147,775	152,015	150,069	153,079	152,962	153,777	158,721
Goods Foods, teeds, and beverages Industrial supplies and materials. Capital goods, except automotive Automotive vehicles, parts, and engines Consumer goods (nonfood), except automotive. Other goods. Adjustments 1.	108,349 388,033 457,655 121,451 161,292	1,068,499 93,908 296,709 390,461 81,715 150,044 43,206 12,456	92,014 7,420 26,995 32,736 7,592 12,712 3,579 981	95,217 7,855 27,447 33,455 7,916 13,619 4,041 883	95,729 8,940 26,958 33,539 8,310 12,915 3,628 1,439	99,631 8,965 28,277 35,090 8,818 13,153 4,001 1,326	100,382 8,924 29,106 34,881 8,996 13,641 3,895 938	100,156 8,467 29,619 35,011 9,007 13,170 3,960 920	8,540 31,744 36,002 9,142 13,916 5,073 685	104,125 7,892 32,329 36,002 9,270 13,182 4,513 937	107,121 7,859 32,858 37,993 9,407 13,522 4,483 999	7,553 31,842 36,572 9,672 13,647 4,724 907	107,698 7,513 32,404 38,830 9,264 13,643 5,205 839	107,576 8,723 32,927 37,365 9,389 13,678 4,546 949	107,787 9,171 32,051 37,641 9,262 13,822 5,129 711	112,306 9,906 34,650 38,014 9,692 13,949 5,261 833
Services Travel Passenger fares Other transportation Royalties and license fees. Other private services Transfers under U.S. military agency sales contracts ² U.S. government miscellaneous services	43,714 93,920 238,932 14,936	502,298 93,917 26,424 35,406 89,791 238,332 17,096 1,333	42,165 7,843 2,169 3,017 7,278 20,002 1,738 119	42,877 7,992 2,094 3,037 7,966 20,368 1,297 122	43,268 7,926 2,089 3,220 8,211 20,497 1,199 126	43,723 8,051 2,173 3,114 8,353 20,690 1,213 129	44,130 8,265 2,289 3,167 8,087 20,727 1,427 167	44,212 8,245 2,376 3,241 7,991 20,785 1,420 154	44,933 8,496 2,502 3,283 8,060 21,064 1,396 133	43,649 8,014 2,341 3,213 8,051 20,469 1,451 111	44,894 8,544 2,688 3,326 8,002 20,734 1,495 105	45,153 8,641 2,777 3,408 8,009 20,690 1,518 108	45,381 8,766 2,806 3,318 8,069 20,735 1,579 108	45,386 8,629 2,641 3,304 8,138 20,951 1,613 110	45,990 8,878 2,776 3,283 8,183 21,136 1,623 113	46,415 9,054 2,803 3,340 8,208 21,320 1,572 117
Imports of goods and services	2,537,814	1,945,705	169,343	170,396	174,270	180,485	179,352	184,279	189,734	188,536	194,202	200,199	195,977	199,864	198,374	197,435
Goods Foods, feeds, and beverages Foods, feeds, and beverages Industrial supplies and materials Capital goods, except automotive Automotive vehicles, parts, and engines Consumer goods (nonfood), except automotive Other go	88,997 779,481 453,743 231,242 481,643	1,575,443 81,604 462,512 369,336 157,629 428,379 60,165 15,818	138,282 6,679 42,671 31,139 15,650 35,514 5,256 1,373	139,193 6,843 41,020 32,023 15,998 36,679 4,989 1,641	142,792 6,725 43,353 32,609 16,098 37,520 4,917 1,571	148,713 6,919 47,446 33,718 17,026 36,958 5,122 1,524	147,634 7,267 46,713 33,524 16,750 36,464 5,097 1,818	151,823 7,227 49,344 33,903 16,045 38,315 5,213 1,775	157,504 7,510 52,055 34,400 17,620 38,910 5,137 1,873	156,866 7,505 52,204 35,961 17,348 37,382 4,638 1,827	7,714 7,714 50,088 37,883 19,500 39,991 4,668 1,899	167,124 7,739 49,880 38,272 20,788 43,103 5,258 2,085	162,717 7,642 49,367 37,715 20,012 41,138 4,913 1,930	166,624 7,795 49,606 38,605 20,666 42,557 5,345 2,050	7,816 49,735 39,915 19,315 41,044 5,038 2,014	163,723 7,693 48,014 39,011 19,294 42,305 5,305 2,101
Services Travel Passenger lares Other transportation Royalties and license fees Other private services Direct defense expenditures ² U.S. government miscellaneous services	32,563 53,702 25,781 173,686	370,262 73,230 25,980 41,586 25,230 168,892 30,474 4,871	31,061 6,185 2,140 3,330 2,063 14,349 2,577 417	31,203 6,127 2,144 3,268 2,182 14,475 2,562 445	31,478 6,130 2,200 3,409 2,226 14,497 2,561 455	31,772 6,091 2,234 3,592 2,255 14,574 2,566 460	31,718 6,269 2,205 3,603 2,295 14,366 2,571 408	32,456 6,180 2,154 3,738 3,044 14,371 2,574 396	32,230 6,202 2,279 3,946 2,323 14,513 2,576 391	31,671 5,818 2,153 3,927 2,294 14,536 2,539 404	32,459 6,103 2,400 4,082 2,298 14,640 2,529 407	33,075 6,231 2,428 4,336 2,495 14,649 2,523 413	33,260 6,409 2,449 4,319 2,379 14,747 2,522 436	33,239 6,326 2,357 4,388 2,391 14,809 2,525 443	33,498 6,432 2,422 4,321 2,421 14,924 2,533 445	33,712 6,541 2,472 4,240 2,446 15,042 2,529 442
Memoranda: Balance on goods Balance on services. Balance on goods and services	135,850	-506,944 132,036 -374,908	-46,268 11,104 -35,164	-43,976 11,674 -32,302	-47,063 11,790 -35,273	-49,082 11,950 -37,132	-47,252 12,412 -34,840	-51,667 11,756 -39,912	-52,402 12,703 -39,699	-52,740 11,979 -40,762	-54,623 12,435 -42,187	-62,208 12,078 -50,130	-55,019 12,121 -42,898	-59,048 12,147 -46,901	-57,090 12,493 -44,597	-51,417 12,703 -38,714

to prepare international and national accounts.
2. Contains goods that cannot be separately identified.
Source: U.S. Bureau of Economic Analysis and U.S. Census Bureau.

p Preliminary r Revised 1. Reflects adjustments necessary to bring Census Bureau data in line with the concepts and definitions used by BEA

Table F.2. U.S. International Transactions

				[IVIIIIIVIS U										
						lly adjusted					Seasonally	adjusted		
Line	(Credits +; debits -)	2009		200)9		20	10		200)9		201	
			ı	11	Ш	IV	l r	P	ı	ll ;	III	IV	11	ПP
	Current account	2 150 000	E10.070	E22 22E	E42 100	502 5 0 6	587.04 5	616,998	521,735	520,110	540,729	576,426	600,182	613,859
2	Exports of goods and services and income receipts	2,159,000 1,570,797	510,070 368,330	522,236 378,017	543,188 395,717	583,506 428,734	428,887	452,384	378,378	377,829	394,145	420,444	438,914	451,977
3	Goods, balance of payments basis	1,068,499	249,071	254,698	267,099	297,632	299,404	317,763	255,044	254,021	268,858	290,576	305,640	316,112
4	ServicesTransfers under U.S. military agency sales contracts	502,298	119,259	123,319	128,618	131,102	129,483	134,620	123,334	123,808	125,287	129,868	133,274	135,865
5 6	Travel	17,096 93,917	3,381 20,712	4,561 23,803	5,445 27.190	3,709 22,212	4,242 21.907	4,506 26,007	3,381 23,631	4,561 23,006	5,445 23,311	3,709 23,969	4,242 25,006	4,506 25,298
7	Passenger fares	26,424	6,632	6,357	7,165	6,269	6,783	7,468	7,035	6,534	6,498	6,356	7,167	7,694
8 9	Other transportation	35,406 89,791	8,307 19,610	8,620 24,310 i	8,935 20,073	9,544 25,798	9,366 22,507	10,018 26,335	8,652 21,502	8,549 22,363	8,834 21,396	9,371 24,530	9,691 24,138	9,998 24.672
10	Other private services	238,332	60,314	55,359	59,466	63,193	64,223	59,969	58,831	58,487	59,458	61,555	62,576	63,379
11	U.S. government miscellaneous services	1,333	302 141.741	309 · 144,219 ˈ	345 147,471	377 154.772	454	318 164.614	302	309 142,281	345 146.584	377	454 161,268	318 161,883
12 13	Income receipts on U.Sowned assets abroad	588,203 585,256	141,003	143,481	146,743	154,029	158,158 157,399	163,835	143,356 142,618	141,543	145,8 5 5	155,982 155,239	160,509	161,104
14 15	Direct investment receipts	346,073 234,458	73,778 64,788	84,320 58,080	90,516 55,506	97,459 56,084	101,058 55,981	105,986 57,557	75,363 64,788	82,354 58,080	89,626 55,506	98,730 56,084	104,130 55,981	103,224 57,557
16	U.S. government receipts	4,724	2,436	1,081	721	486	360	2 9 2	2,467	1,109	723	425	398	323
17 18	Compensation of employees	2,947 -2,412,489	738 -560,144	738 -575,903	728 -620,591	743 -655,850	759 642,794	779 - 705,148	738 -587,564	738 -574,265	728 -604,594	743 -646,066	759 -674,47 3	779 -704,274
19	1	-1,945,705	-443,865	-458,934	-507,905	-535,001	-524,111	-583,559	-468,817	-458,270	-493,467	-525,152	-553,365	-583,577
20		-1,575,443	-356,380	-365,763	-412,108	-441,193	-433,087	-483,587	-376,241	-367,528	-400,977	-430,698	-456,961	-485,725
21 22	Services	-370,262 -30,474	-87,486 -7,395	-93,171 7,662	-95,797 -7,728	-93,808 -7,689	-91,023 -7,721	-99,972 -7,726	-92,576 -7,39 5	-90,7 4 2 -7,662	-92,490 -7,728	-94,454 -7,689	-96,404 -7,721	-97,852 -7,726
23		-30,474 j -73,230 j	-16,160	-7,662 -20,138	-20,988	-15,944	-16,070	-20,610	-7,393 -18,702	-17,721	-18,459	-18,348	-18,651	-18,296
24	Passenger fares	-25,980	-6,458	-6,661	-6,710	-6,151	-6,324	-7,554	-6,784	-6,163	-6,455	-6,578	-6.638	-7,045
25 26		-41,586 -25,230	-10,667 -5,728	-10,145 -6,289	-10,369 -6.054	-10,405 -7,159	-10,642 -7,322	-12,269 -7,092	-11,295 -5.988	-10,141 -6.442	-9,880 -6,137	-10,269 -6,663	-11,287 -7,662	-12,404 -7,312
27	Other private services	-168,892	-39,940	-41,124	-42,728	-45,100	-41,750	-43,513	-41,274	-41,461	-42,611	-43,546	-43,250	-43,861
28 29		-4,871 -466,783	-1,138 -116,279	-1,152 -116,969	-1,220 -112,686	-1,360 -120,849	-1,194 -118.684	-1,208 -121.589	-1,138 -118,747	-1,152 -115,995	-1,220 -111,127	-1,360 -120,914	-1,194 -121,108	-1,208 -120,697
30 31	Income payments on foreign-owned assets in the United States	-456,027	-113,590	-114,452	-110,112	-117,873	-115,891	-118,894	-116,032	-113,323	-108,460	-118,212	-118,304	-117,833
31 32	Direct investment payments	-94,010 -218,020	-11,221 -63,460	-23,939 -54,146	-25,000 -50,473	-33,850 -49,941	-32,730 -48,426	-33,341 -49,925	-13,663 -63,460	-22,810 -54,146	-23,348 -50,473	-34,189 -49,941	-35,143 -48,426	-32,280 -49.925
32 33 34	U.S. government payments	-143,997	-38,909	-36,367	-34,639	-34,082	-34,735	-35,628	-38,909	-36,367	-34,639	-34,082 -2,702	-34,735 -2,804	-35,628 -2,865
34 35	Compensation of employees	-10,757 -124,943	-2,689 - 30,142	-2,517 -29,481	-2,574 - 34,174	-2,976 - 31,146	-2,793 - 36,046	-2,695 - 31,205	-2,715 -29,747	-2,673 - 30,292	-2,667 -33,638	-2,702 -31,268	-34,867	-2,868
36	U.S. government grants	-41,638	-8,641	-10,969	-13,067	-8,962	-12,311	-10,112	-8,641	-10,969	-13,067	-8,962	-12,311	-10,112
37 38	U.S. government pensions and other transfers Private remittances and other transfers	-8,874 -74,431	-1,842 -19,659	-1,832 -16,681	-2,684 -18,423	-2,516 -19,668	-2,587 -21,147	-1,571 -19,522	-2,180 -18,927	-2,222 -17,101	-2,233 -18,338	-2,241 -20,065	-2,548 -20,008	-2,585 -20,170
	Capital account											!		
39	Capital account transactions, net	-140	-20	-29	-36	-56	-3	-1	-20	-29	-36	-56	-3	-1
40	Financial account U.Sowned assets abroad, excluding financial derivatives (increase/													
40	financial outflow (-))	-140,465	107,054	26,351	-283,801	9,930	-305,061	-147,678	112,726	31,734	-276,241	-8,685	-301,389	-139,056
41 42	U.S. official reserve assets.	-52,256 0	-982 0	-3,632 0	-49,021 0	1,379 0	-773 0	-165 t	-982 0	-3,632 0	-49,021 0	1,379	-773 0	-1 6 5
43	Special drawing rights	-48,230	-15	-8	-47,720	-487	-7	-6	-15	-8	-47,720	-487	-7	- 6
44 45		-3,357 -669	-754 -213	-3,485 -139	-1,098 -203	1,980 -114	-581 -185	-77 -82	-754 -213	-3,485 -139	-1,098 -203	1,980 -114	-581 -185	-77 -82
46	U.S. government assets, other than official reserve assets	541,342	244,102	193,750	57,736	45,754	9,433	-2,352	244,102	193,750	57,736	45,754	9,433	-2,352
47 48		-4,069 2,133	-240 484	-1,947 432	-616 534	-1,266 683	-1,247 399	-1,709 662	-240 484	-1,947 432	-616 534	-1,266 683	-1,247 399	-1,709 662
49	U.S. foreign currency holdings and U.S. short-term assets	543,278	243,858	195,265	57,818	46,337	10,281	-1,305	243,858	195,265	57,818	46,337	10,281	-1,305
50 51	U.S. private assets Direct investment	-629, 5 52 -268,680	-136,066 -50,817	-163,767 -67,449	-292,516 -85,873	-37,203 -64,541	-313,720 -106,612	-145,162 -90,099	-130,394 -45,145	-158,384 -62,066	-284,956 -78,313	-55,817 -83,155	-310,048 -102,940	-136,539 -81,476
52 53	Foreign securities	-208,213	-29,176	-86,725	-46,823	-45,489	-46,147	-20,665	-29,176	-86,725	-46,823	-45,489	-46,147	-20,665
	concerns	124,428	2,717	22,161	83,302	16,248	10,821	-17,905	2,717	22,161	83,302	16,248	10,821	-17,905
54 EE	U.S. claims reported by U.S. banks and securities brokers	-277,087	-58,790	-31,754	-243,122	56,579	-171,782	-16,493	-58,790	-31,754	-243,122	56,579	-171,782	-16,493
	derivatives (increase/financial inflow (+))	305,736	-113,843	-26,060	344,720	100,919	318,242	178,193	-111,916	-28,348	342,385	103,615	320,217	175,642
56 57	Foreign official assets in the United States	450,030 441,056	107,912 145,512	128,667 120,776	96,616 73,293	116,835 101,475	72,507 83,384	49,645 44,168	107,912 145,512	128,667 120,776	96,616 73,293	116,835 101,475	72,507 83,384	49,645 44,168
58	U.Š. Treasury securities	561,125	163,809	149,213	123,675	124,428	89,654	24,549	163,809	149,213	123,675	124,428	89,654	24,549
59 60	Other U.S. government liabilities	-120,069 57,971	-18,297 2,534	-28,437 685	-50,382 53,455	-22,953 1,297	-6,270 4,060	19,619 2,515	-18,297 2,534	-28,437 685	-50,382 53,455	-22,953 1,297	-6,270 4,060	19,619 2,515
61 62		-70,851 21,854	-44,928 4,794	-4,900 12,106	-33,735 3,603	12,712 1,351	-15,968 1,031	3,612 -650	-44,928 4,794	-4,900 12,106	-33,735 3,603	12,712 1,351	-15,968 1,031	3,612 -650
63	Other foreign assets in the United States	-144,294	-221,755	-154,727	248,104	-15,916	245,735	128,548	-219,828	-157,015	245,769	-13,220	247,710	125,997
64 65	Direct investment	134,707 22,781	3,939 46,084	33,812 -29,321	58,138 -9,203	38,818 15,221	49,593 103,092	29,727 99,026	5,866 46,084	31,524 -29,321	55,803 -9,203	41,514 15,221	51,568 103,092	27,176 99,026
66	U.S. securities other than U.S. Treasury securities	59	-67,781	-221	47,708	20,353	6,077	-5,723	-67,781	-221	47,708	20,353	6,077	-5,723
67 68		12,632	11,816	-1,935	4,179	-1,428	2,265	2,100	11,816	-1,935	4,179	-1,428	2,265	2,100
69	concerns	-1,460 -313,013	-11,614 -204,199	26,564 -183,626	8,572 138,710	-24,982 -63,898	20,877 63,831	15,368 -11,950	-11,614 -204,199	26,564 -183,626	8,572 138,710	-24,982 -63,898	20,877 63,831	15,368 -11,950
	Financial derivatives, net	50,804	7,221	11,275	11,496	20,812	15,838	-17,950 n.a.	7,221	11,275	11,496	20,812	15,838	-11,930 n.a.
71		162,497	79,803	71,611	39,198	-28,115	62,779	1 88,841	87,565	69,815	19,899	-14,779	74,494	1 86,697
71a	Of which: Seasonal adjustment discrepancy								7,761	-1,796	-19,298	13,336	11,715	-2,144
70	Memoranda: Balance on goods (lines 3 and 20)	-506.944	-107,309	-111,065	-145,009	-143,561	-133,683	-165,823	-121,197	-113,507	-132,119	-140,121	-151,321	-169,613
73	Balance on goods (lines 3 and 20)	132,036	31,773	30,147	32,821	37,294	38,459	34,648	30,758	33,066	32,797	35,414	36,870	38,013
74 75	Balance on goods and services (lines 2 and 19). Balance on income (lines 12 and 29). Unilateral current transfers, net (line 35).	-374,908 121,419	-75,536 25,462	-80,918 27,250	-112,188 34,785	-106,267 33,923	-95,224 39,474	-131,176 43,026	-90,439 24,609	-80,441 26,286	- 9 9,322 35,457	-104,707 35,068	-114,451 40,160	-131,600 41,185
76	Unilateral current transfers, net (line 35)	-124,943 -378,432	-30,142 -80,215		-34,174 -111,577	-31,146 -103,490	-36,046 -91,795	-31,205 -119,355	-29,747 -95,577	-30,292 -84,447	-33,638 -97,503	-31,268 -100,907	-34,867 -109,158	-32,868 -123,283
	Delication of Content account (lines 1, 10, and 55 Utilities 74, 75, and 75)	-310,432	-00,213	-05,149	-:11,5//	-100,490	⊸91,/ 3 3	-119,000	-90,517	-04,44/	-31,503	-:00,507	-100,100	-120,200

p Preliminary r Revised 1. Calculated excluding financial derivatives, net (line 70).

Table F.3. U.S. International Transactions, by Area—Continues [Millions of dollars]

Experts of goods and services are informer receipts 196,444 196,247	Line	(Credits +; debits -)	Eur	ope	Europea	an Union	Euro	area	United K	ingdom
Export of goods and environe mercips 198,644 124,745 181,954 181,9		(Orealis +, ueblis -)	2010:1	2010:II P	2010:l ⁻	2010:II P	2010:1	2010:II P	2010:l r	2010:II P
15.508 19.509 1										
September 1,000	ו				, ,			'	,	•
Seption Sept	2									
Tambles under U.S. milling papers pales continue	4									
1,000	5									
Companison of companison	6						2,715		1,479	2,522
Pagalista and Excende less	8									
10 Chart provide services 25,455 26,666 21,665 12,065 12,165	-									
Proceed		Other private services	25,045	25,084	21,690	21,858	12,036	12,165	7,938	8,072
The process of the control and a control a					1	1			II.	
Description of the company 1.5		Income receipts on U.Sowned assets abroad								
15 10.5 Description of milityres 1.5 1		Direct investment receipts	46,768	48,998	38,795	40,806	30,870	31,953	6,289	7,165
10 Convenient of complayers 116 124 55 59 77 27 23 24 24 24 24 24 24 24		U.S. government receipts								
Page Page		Compensation of employees	1	124		99	75		27	28
Confect Submitter of payments bases			. 1							
Services										
Direct defense expanditives										
Times	22									
Passanger free	23			I	-2,721	1				
Boyaline and license fees	24				-2,220		-1,387			
Office printed services		'							II.	
29 Income payments -96,871 -96,871 -96,871 -96,871 -96,971 -	27	Other private services	-18,143							
Company			1	i i	1	1			- 1	
Direct investment payments	29 30	Income payments on foreign-owned assets in the United States	-56,871 -56,666	-58,184 -58,017						
Solitilateral current transfers, net	31	Direct investment payments	-24,218	-24,722	-21,466	-21,213	-11,511	-14,928	-8,230	-4,480
Solitilateral current transfers, net	32	Other private payments	-27,092				-15,226			
Section Sect	34		-5,336 -205							
1.50 1.50							-770	-599	-28	-78
Privale remillancies and other transfers	36	U.S. government grants								
Capital account transactions, net. 0 0 0 0 0 0 0 0 0		Private remittances and other transfers							47	-76 -2
A		Capital account			ļ					
A	39	•	0	0	0	0	0	0	0	0
Concessifinancial outflow(-) -8.8.816 62.72 -9.0982 71,446 29.088 43,377 -112,454 33,527 -12 U.S. official reserve assets -152 -56 -144 -47 -47 -144 -47 -47 -144 -47 -47 -44 -47 -47 -44 -47 -47 -44 -47 -47 -44 -47 -47 -44 -47 -47 -47 -47 -47 -47 -47 -47 -47 -47 -47 -47 -47			1							
1	40	U.Sowned assets abroad, excluding financial derivatives (increase/financial outflow (_))	_83.818	62 125	-02 002	71 448	20.058	43 377	_112.454	33 537
Gold.	41					, ,	, ,		′	
Reserve position in the International Monetary Fund.		Gold	- 1	0	0	*	- 1	0	0	Ō
Foreign currencies		Reserve position in the International Monetary Fund.						***************************************		
Vis. credits and other long-term assets		Foreign currencies	-152		-144			-47		
Regayments on U.S. credits and other long-term assets		U.S. government assets, other than official reserve assets							1	0
U.S. private assets -90,145 63,368 -98,478 72,656 22,669 44,446 -112,455 33,527		Repayments on U.S. credits and other long-term assets			_6 27					
Direct investment									•	•
54 U.S. claims reported by U.S. banks and securifies brokers — -8,663 118,681 -11,013 127,457 58,185 81,623 -64,209 53,858 55. Foreign-owned assets in the United States, excluding financial derivatives (increase/financial inflow (+)). 19,313 109,661 159,278 63,507 7,198 27,030 137,340 33,585 65. Foreign official assets in the United States 4,088 32,875 (2) (2) (2) (3) (2) (3) (2) (3) (2) (3) (2) (3) (2) (3) (2) (3) (2) (3) (2) (3) (50 51	U.S. private assets		63,368						
54 U.S. claims reported by U.S. banks and securifies brokers — -8,663 118,681 -11,013 127,457 58,185 81,623 -64,209 53,858 55. Foreign-owned assets in the United States, excluding financial derivatives (increase/financial inflow (+)). 19,313 109,661 159,278 63,507 7,198 27,030 137,340 33,585 65. Foreign official assets in the United States 4,088 32,875 (2) (2) (2) (3) (2) (3) (2) (3) (2) (3) (2) (3) (2) (3) (2) (3) (2) (3) (2) (3) (52	Foreign securities	-20,557	6,196	-24,166	622	-24,938		4,974	
Foreign-owned assets in the United States, excluding financial derivatives (increase/financial inflow (+)). 149,313 109,661 159,278 63,507 7,198 27,030 137,340 33,585 7,198 130,061 159,278 149,313 109,661 159,278 149,313 1	53 -	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	-3,928 -8,663	-15,803			22,055			
(increase/financial inflow (+))			-0,003	110,001	-11,013	127,437	36,163	61,023	-04,209	33,636
1. 1. 1. 1. 1. 1. 1. 1.		(increase/financial inflow (+))			159,278	63,507	7,198	27,030	137,340	33,585
1.5 1.5	56	Foreign official assets in the United States	4,088	32,875	(2)	(2)	(2)	(²)	(2)	(2)
61 U.S. llabilities reported by U.S. banks and securities brokers. (1) (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2	58	U.S. Treasury securities.	<u> </u>	81	(2)	(2)	(2)	(2)	(2) 2)	(2)
61 U.S. llabilities reported by U.S. banks and securities brokers. (1) (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2	59	Other	(')	(1)	(2)	(2)	(2)	(2)	<u>(²)</u>	(2)
63 Other foreign assets in the United States		U.S. liabilities reported by U.S. banks and securities brokers	(1)		(2)	200 · (2)	(2)	-38 (²)		228 (2)
64 Direct investment 42,528 15,893 38,726 9,317 20,486 17,684 10,779 -2,863 10,143 66,530 (2)	62	Other foreign official assets	(1)	(1)			(2)	(2)		(2)
10,143 66,530 7 7 7 7 7 7 7 7 7			145,225							(2)
1.8 1.8	65	U.S. Treasury securities			30,729 (2)	(2)	20,400 (2)	(2)	10,779 (2)	-2,003 (2)
88 U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns 24,704 -16,988 24,876 -18,211 -69 -6,253 25,076 -11,823 79,584 13,864 2107,597 276,098 2-7,979 224,651 2107,498 241,999 270,797 Financial derivatives, net 13,652 n.a. 11,276 n.a. 1,3652 n.a. 11,276 n.a. 11,276 n.a. 1,3652 n.a. 11,276 n.a. 1,3652 n.a. 11,276 n.a. 1,3652 n.a. 11,276 n.a. 1,3652 n.a. 11,276 n.a. 1,3652 n.a. 11,276	66	U.S. securities other than U.S. Treasury securities								
Financial derivatives, net		U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns								
71 Statistical discrepancy (sum of above items with sign reversed)		U.S. liabilities reported by U.S. banks and securities brokers	79,584		² 107,597		²-7,979		² 107,498	
Memoranda: 72 Balance on goods (lines 3 and 20) -18,652 -24,934 -15,238 -20,048 -14,226 -16,514 569 -430 73 Balance on oservices (lines 4 and 21) 11,557 10,219 9,937 8,866 5,841 5,057 2,928 3,047 74 Balance on goods and services (lines 2 and 19) -7,095 -14,715 -5,301 -11,081 -8,385 -11,457 3,497 2,617 75 Balance on income (lines 12 and 29) 14,241 15,038 10,418 11,995 13,606 11,060 -3,177 916 10 Unilateral current transfers, net (line 35) -2,691 -2,328 -978 -859 -770 -599 -28 -78										
72 Balance on goods (lines 3 and 20). -18,652 -24,934 -15,238 -20,048 -14,226 -16,514 569 -30 73 Balance on services (lines 4 and 21). 11,557 10,219 9,937 8,966 5,841 5,057 2,928 3,047 74 Balance on goods and services (lines 2 and 19). -7,095 -14,715 -5,301 -11,081 -8,385 -11,457 3,497 2,617 75 Balance on income (lines 12 and 29). 14,241 15,038 10,418 11,995 13,606 11,060 -3,177 916 76 Unitaterial current transfers, net (line 35) -2,691 -2,328 -978 -859 -770 -599 -28 -78	71	· · · · · · · · · · · · · · · · · · ·	-83,603	4-169,781	-82,602	4-135,010	-42 ,639	4~69,410	-35,001	4-70,567
73 Balance on services (lines 4 and 21) 11,557 10,219 9,937 8,966 5,841 5,057 2,928 3,047 74 Balance on goods and services (lines 2 and 19)7,095 -14,715 -5,301 -11,081 -8,385 -11,457 3,497 2,617 5 Balance on income (lines 12 and 29) 14,241 15,038 10,418 11,995 13,606 11,060 -3,177 9,16 76 Unitateral current transfers, net (line 35)2,691 -2,328 -978 -859 -770 -599 -28 -78	72		-18 652	-24 934	-15 238	-20.049	-14 226	-16 514	560	_//30
75 Balance on income (lines 12 and 29)	73	Balance on services (lines 4 and 21)	11,557	10,219	9,937	8,966	5,841	5,057	2,928	3,047
76 Unitateral current transfers, net (line 35)	74 75	Balance on goods and services (lines 2 and 19)					-8,385			
77 Balance on current account (lines 1, 18, and 35 or lines 74, 75, and 76)	76	Unilateral current transfers, net (line 35)	-2,691	-2,328	-978	-859	-770	-599	-28	- 78
	77	Balance on current account (lines 1, 18, and 35 or lines 74, 75, and 76)	4,455	-2,005	4,140	55	4,451	-996	292	3,455

p Preliminary
r Revised
(*) Transactions are less than \$500,000 (+/-)
1. Details not shown separately; see totals in lines 56 and 63.

Details not shown separately are included in line 69.
 S. Estimates of financial derivatives for Mexico are included in Latin America and Other Western Hemisphere; and for China and India, in Asia and Pacific. Estimates for the Middle East are combined with estimates for Asia and Pacific.
 4. Calculated excluding financial derivatives, net (line 70).

Table F.3. U.S. International Transactions, by Area—Continues

[Millions of dollars]

Line	(Credits +; debits -)	Car	nada	Latin Americ Western H		Me	xico	Asia and	d Pacific	Aust	tralia
		2010:1	2010:ll P	2010:1 1	2010:II P	2010:1 ′	2010:II P	2010:1	2010:ll º	2010:1 '	2010:II P
1 2 3	Current account Exports of goods and services and income receipts Exports of goods and services. Goods, balance of payments basis.	81,888 70,341 58,125	89,783 77,570 64,847	122,611 92,191 69,002	1 31,693 98,983 7 4, 907	45,773 42,530 37,173	49,105 45,497 40,074	1 52,571 124,342 85,909	154,477 124,749 88,167	12,513 7,978 5,018	14,065 8,662 5,399
4 5	Services Transfers under U.S. military agency sales contracts	12,217 27	12,723	23,188 287	24,076 382	5,357 4	5,423 6	38,432 2,450	36,583 2,488	2,960 85	3,263 90
6 7 8	Travel. Passenger fares Other transportation	4,248 1,137 717	4,556 1,170 761	5,191 1,971 1,324	5,783 2,012 1,343	1,382 693 267	1,479 543 284	6,262 1,817 3,121	6,351 1,498 3,403	618 137 108	838 124 121
9 10 10 11	Royalties and license fees. Other private services U.S. government miscellaneous services.	1,596 4,450 41	1,899 4,233 3 9	2,126 12,239 50	2,479 12,027 50	448 2,556 8	521 2,581 8	7,365 17,221 197	9,015 13,726 103	476 1,525 11	555 1,527 8
12 13 14 15 16	Income receipts. Income receipts on U.Sowned assets abroad Direct investment receipts. Other private receipts. U.S. government receipts.	11,547 11,507 6,860 4,646	12,213 12,168 7,277 4,891	30,420 30,363 19,414 10,934 15	32,710 32,651 20,916 11,656 79	3,243 3,234 2,392 836 6	3,609 3,599 2,633 946 20	28,229 28,124 18,849 9,202 73	29,728 29,621 19,766 9,775 80	4,535 4,528 1,904 2,624	5,402 5,395 2,696 2,699
17 18	Compensation of employees	40 -7 9, 717	45 -84,502	57 -119,004	59 -127,122	-5 9 ,7 43	9 -64,736	105 -213,565	107 -240,84 7	-5,269	- 5,528
19 20 21	Imports of goods and services	-73,156 -67,909 -5,247	-79,538 -73,087 -6,451	-104,066 -84,307 -19,759	-111,068 -91,657 -19,410	-57,109 -53,153 -3,956	-61,867 -58,531 -3,336	-179,116 -155,776 -23,340	-204,457 -179,856 -24,602	-3,550 -2,019 -1,531	-3,638 -2,164 -1,474
22 23 24	Direct defense expenditures	-65 -925 -120	-65 -1,789 131	-72 -6,391 -764	-72 -5,881 -846	-4 -2,821 -192	-4 -2,191 -159	-2,080 -4,324 -2,407	-2,105 -4,331 -2,304	-54 -378 -221	-54 -311 -169
25 26 27	Other transportation Royalties and license fees Other private services	-989 -240 -2,805	-1,106 -245 -3,013	-1,073 -49 -11,255	-1,108 -50 -11,299	-158 -25 -710	-154 -25 -756	-3,841 -2,241 -8,246	-4,579 -2,381 -8,704	-56 -110 -691	-61 -115 -740
28 29 30	Ü.S. government miscellaneous services. Income payments	-104 -6,560 -6,396	-102 -4,964 -4,811	-154 -14,938 -13,090	-155 -16,055 -14,038	-47 -2,633 -840	-47 -2,869 891	-201 -34,449 -33,938	-197 -36,389 -36,066	-21 -1,719 -1,713	-24 -1,890 -1,885
31 32 33 34	Direct investment payments Other private payments U.S. government payments	-3,736 -2,179 -481	-1,859 -2,310 -642	160 -9,937 -3,313	-404 -10,384 -3,250	-120 -264 -456	−156 −285 450	-3,700 -6,269 -23,969	-5,121 -6,569 -24,376	-874 -698 -141	-1,028 -737 -120
35 36 37	Compensation of employees Unilateral current transfers, net. U.S. government grants. U.S. government pensions and other transfers.	-165 - 803 0 -174	-153 - 757 0 -176	-1,848 - 8,013 -738 -218	2,016 8,256 1,061 225	-1,793 -3,238 -69 -91	-1,978 -3, 368 -215 -93	-511 - 8,706 -3,493 -241	-324 - 7,993 -3,568 -252	-7 -139 0 -23	-5 -141 0 -25
38	Private remittances and other transfers	-629	-581	-7,057	-6,970	-3,078	-3,060	-4,972	-4,173	-116	-116
	Capital account transactions, net Financial account U.Sowned assets abroad, excluding financial derivatives	0	0	-2 i	0	0	0	0	0	0	0
41 42	(increase/financial outflow (-)) U.S. official reserve assets. Gold.	-46,401 0	-12,799 0 0	-102,158 0 0	-117,162 0 0		-6,60 7	-70,777 -33 0	-72,558 26 0	- 11,743 0 0	-10,640 0
43 44 45	Special drawing rights. Reserve position in the International Monetary Fund. Foreign currencies.							-33	-26		
46 47 48 49	U.S. government assets, other than official reserve assets U.S. credits and other long-term assets Repayments on U.S. credits and other long-term assets U.S. foreign currency holdings and U.S. short-term assets	-3 -3 1 -1	1 0 1 (*)	3,256 -8 38 3,226	247 -136 387 -4	3,222 0 0 3,222	50 -1 53 -2	629 -95 159 565	-127 -57 163 -233	-1 0 0 -1	1 0 0 1
50 51 52 53	U.S. private assets	-7,057 1,345	-4,224 -18,358 456	-105,414 -16,113 -4,815 11,830	-117,409 -20,870 -9,331 -1,053	-7,681 -836 -5,324 -23	-6,657 -1,858 -914 -255	-71,373 -15,668 -15,760 924	-72,406 -11,850 -3,583 -337	-11,742 -3,215 -10,840 883	-2,617 -1,237 -47
54 55	Foreign-owned assets in the United States, excluding financial derivatives (increase/financial inflow (+))	-29,714 40,326	9,326 21,171	-96,316 11,6 55	-86,155 - 5,801	-1,498 2,459	-3,630 2,149	-40,869 97,846	-56,636 55,23 7	1,430 - 1,96 0	-6,740 - 2,349
56 57 58 59	Foreign official assets in the United States U.S. government securities. U.S. Treasury securities. Other		1,830 (1) (1) (1) (1)	-11,189 (') (') (')	5,047 (¹) (¹) (¹)	(2) (2) (2) (2)	(2) (2) (2) (2) (2) 152 (2) (2)	62,517 (¹) (¹) (¹)	23,237 (') (') (')	(2) (2) (2) (2)	(2) (2) (2) (2) (2)
60 61 62	Other U.S. government liabilities U.S. liabilities reported by U.S. banks and securities brokers. Other foreign official assets Other foreign assets in the United States	(1) (1) (1) 40.846	(1) (1)	-151 (1) (1)	194 (1) (1) -10.848	(2) (2)		2,674 (¹) (¹) 35,329	989 (1) (1) 32,000	159 (²) (²)	148 (2) (2)
63 64 65 66 67	Direct investment U.S. Treasury securities U.S. securities other than U.S. Treasury securities.	3,289 (¹) 3,980	19,341 459 (¹) 1,657	22,844 -1,267 (¹) 20,760	4,526 (1) -19,191		(2) 300 (2) 1,663	2,890 (1) -3,611		(2) 590 (2) 2, 28 3	(2) -865 (2) -1,143
68 69	U.S. currency. U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns U.S. liabilities reported by U.S. banks and securities brokers	n.a. (¹) 8,827	n.a. (¹) –433	n.a. (1) -9,687	n.a. (¹) ~39,008	n.a. 145 ² 1,007	n.a. 387 ² –353	n.a. (¹) –10,936	n.a. (¹) 10,257	n.a. 94 24,898	n.a. 233 ²-722
71	Financial derivatives, net. Statistical discrepancy (sum of above items with sign reversed)	-2,087 6,795	n.a. 4-12,896	5,608 89,304	n.a. 1126,649	(³) 19,208	n.a. 423,457	-1,203 43,835	n.a. 4111,684	484 6,113	n.a. 44,594
72 73 74	Mentoratus. Balance on goods (lines 3 and 20). Balance on services (lines 4 and 21). Balance on goods and services (lines 2 and 19). Balance on income (lines 12 and 29). Unilateral current transfers, net (line 35).	-9,784 6,969 -2,815 4,986 -803	-8,240 6,272 -1,968 7,249 -757	-15,305 3,430 -11,875 15,482 -8,013	-16,751 4,666 -12,085 16,655 -8,256	-14,579 609	-18,457 2,087 -16,370 739 -3,368	-69,867 15,093 -54,774 -6,220 -8,706		2,999 1,429 4,428 2,816 -139	
	Balance on current account (lines 1, 18, and 35 or lines 74, 75, and 76)	1,368	4,524	-4,406	-3,686	-17,208	-18,999	-69,700		7,105	

Federal Reserve Bank of St. Louis

p Preliminary
r Revised
(*) Transactions are less than \$500,000 (+/-)
1. Details not shown separately; see totals in lines 56 and 63.

Details not shown separately are included in line 69.
 S. Estimates of financial derivatives for Mexico are included in Latin America and Other Western Hemisphere; and for China and India, in Asia and Pacific. Estimates for the Middle East are combined with estimates for Asia and Pacific.
 Calculated excluding financial derivatives, net (line 70).

Table F.3. U.S. International Transactions, by Area—Table Ends

Line	(Credits +; debits -)	Ch	ina	Inc	dia	Jap	oan	Middle	e East	Afr	ica
Line	(Credits +, debits -)	2010:1	2010:II P	2010:I	2010:II P	2010:1	2010:II P	2010:I '	2010:II P	2010:1	2010:II P
4	Current account Exports of goods and services and income receipts	20.205	27 220	7.005	0.000	20.740	20.004	40.000	40.005	44 504	44.404
2	Exports of goods and services and income receipts	29,385 26,405	27,338 24,244	7,805 6,875	8,862 7,686	32,712 26,340	32,304 25,994	19,339 16,737	19,905 17,416	11,564 9,035	11,464 8,883
3	Goods, balance of payments basis	21,330	20.337	4,012	5,239	14,901	14,892	11,735	12,368	6,322	6.254
4	Services	5,075	3,907	2,862	2.446	11,439	11,101	5,003	5,048	2,714	2,630
5	Transfers under U.S. military agency sales contracts	0.	0	4	1	74	46	915	996	119	94
6	Travel	817	587	503	936	2,596	2,185	605	643	274	406
8	Passenger fares	295 539	169 579	189 90	366 85	1,135 840	746 897	80 479	88 519	104 124	146 113
9	Royalties and license fees	588	699	100	120	2,484	3,067	176	212	192	223
10 11	Other private services	2,827 10	1,868	1,962 14	924 13	4,219 91	4,130 31	2,723	2,570	1,884	1,631
	Income receipts	2,980	3,095	931	1,177	6,372	6,311	25 2,601	20 2, 48 9	17 2,528	16 2,581
12 13 14 15	Income receipts on U.Sowned assets abroad	2,970	3,084	926	1,172	6,351	6,289	2,575	2,462	2,505	2,556
14 15	Direct investment receipts	2,552 407	2,611 468	572 350	755 413	3,283 3,034	3,105 3,158	2,001 5 4 2	1,872 579	2,106 350	2,121 394
16 17	U.S. government receipts	11	5	4	4	34	26	32	11	49 (41
	Compensation of employees	10	11	5	5	21	21	26	27	23	25
	, ,	-87,729	-103,009	-10,088	-11,397	-46,981	-50,162	-24,555	-28,197	-22,488	-24,043
19 20	Imports of goods and services	-75,315 -73,046	-90,462 -88,107	-9,632 -6,579	-11,029 -7,885	-34,351 -28,106	-35,997 -28,948	-22,198 -17,8 4 8	-25,788	-22,103	-23,702
21	Services	-73,040 -2,269	-2.355	-3,053	-7,065 -3,144	-26,106 -6,245	-26,946 -7,049	-4.350	-21,217 -4,57 1	-20,283 -1,819	-21,614 -2,087
22	Direct defense expenditures	-2,203 -4	-4	-3,033	-3,144	-545	-7,049 -545	-4,330 -2,216	-4,371 -2,206	-1,619 -99	-2,087 -99
23	Travel	-697	-626	-474	-487	-680	-1,032	-617	-726	-765	-964
24 25	Passenger fares	-129 -621	–123 –730	-56 -43	-38 -29	-335 -1,234	-393 -1,423	-472 -309	-530 -336	-128 -94	−148 −110
26	Royalties and license fees	-33	-34	-32	-33	-2,010	-2,142	-46	-46	-8	-8
27	Other private services	-775	-829	-2.440	-2,551	-1,404	-1,485	-614	-655	-657	-695
28 29	U.S. government miscellaneous services	_9 ! -12,4 1 5	-10 -12.547	−7 − 4 56	-7 -368	-38 -12,630	-28 -14.165	-77 -2,357	-72 -2.409	68 385	-63
30	Income payments on foreign-owned assets in the United States	-12,240	-12,419	-338	-300	-12,589	-14,103	-2,337	-2,409 -2,392	-351	-342 -323
31 32	Direct investment payments	-21 -666	-11 ⁻ -716 ⁻	-106	-78	-2,267	-3,545	6	-36	-52	-11
33	Other private payments	-11.553	-11.692	-56 -176	-56 -166	-3,010 -7,312	-3,086 -7,505	-1,138 -1.196	-1,189 -1,167	-89 -210	-95 -217
34	Compensation of employees	-175	-128	-118	-68	-42	-29	-29	-17	-35	-19
35 36	Unilateral current transfers, net U.S. government grants	-903	-701 -6	~1,286 -22	-1, 048 -26	- 300	-292	-4,322 - 3,472	-2,105 -1,300	-3,759	-2,696 -1,689
37	U.S. government pensions and other transfers	21	-2	-7	-7 -7	–68	-70	-3,472	-39	-2,706 -9	-1,069 -9
38	Private remittances and other transfers	-895	-693	-1,257	-1,016	-232	-222	-814	-766	-1,044	-998
20	Capital account		اء				_		_		
39	Capital account transactions, net	0	0	0	0	0	0	0	0	-1	-1
40	U.Sowned assets abroad, excluding financial derivatives									į	
10	(increase/financial outflow (-))	-6,876	-9,415	-3,644	-2,849	-20,359	-26,386	8,329	-3,645	-3,763	-1,135
41	U.S. official reserve assets	0	0	0	0	-33	-26	0	0	0	Q
42 43	Gold	0	0	0	0	0	0	0	0	0	0
44	Reserve position in the International Monetary Fund										***************************************
45 46	Foreign currencies	30	20	04		-33	-26				
47	LLS credits and other long-term assets	o l	29 · 0	21 0	17	548 0	-209 0	-579 -632	51 -2	-53 -53	–53 –71
48 49	Repayments on U.S. credits and other long-term assets	36 -6	22	12 9	11	0 548	0,00	31 22	-2 45 8	-53 123	22
50	U.S. private assets	-6,906	-9. 4 44	-3.665	-2,866	-20.874	-209 -26.151	8,908	-3,696	-7 -3.826	-4 -1,082
51	Direct investment	-2,611	-1,858	-865	-965	547	-1,539	-337	-147	-1,466	-2,266
52 53	Foreign securities	3,830 85	70 ! _99 :	-663 53	-1 42 -174	-9,418 283	2,512 -364	135 414	1,062 -1,081	-1,046 240	2,223 -93
54	U.S. claims reported by U.S. banks and securities brokers	-8,210	-7,557	-2,190	-1,585	-12,286	-26,760	8,696	-3,530	-1,554	-946
55	Foreign-owned assets in the United States, excluding financial derivatives	43,591	-21,629	1,425	2744	14 205	46 150	10 507	10.005	2 212	7.000
56	(increase/financial inflow (+)).	43,091	-21,029 (2)	(2)	3,744 (²)	14,305 [(²)	46,156	12,527 16,174	-16,985 (-16,507	2,312 1,407	7,933 3,161
57	Foreign official assets in the United States		(2)	(2)	(2)	(2)	(2)	(1)	(¹)	1,407	(')
58 59	U.S. Treasury securities Other	(2) (2) (2)	(2) (2)	(2) (2)	(2) (2) (2)	(2)	(2) (2)	(2)	(1)	(1)	(1)
60	Other U.S. government liabilities	01	0	49	104	-45	114	1,021	607	225	(¹) 75
61 62	U.S. liabilities reported by U.S. banks and securities brokers	(2) (2)	(2) (2)	(2) (2)	(2) (2)	-45 (2) (2)	(2) (2)	(3)	(¹) (¹)	(¹) (¹)	(1) (1)
63	Other foreign assets in the United States		(2)	(²)	(²)	(²)	(2)	-3,647	-478	905	4 772
64	Direct investment	(²) 29	167	297	198	1,923	6,747	-103	233	1,066	52 (¹) -237
65 66	U.S. Treasury securities	(²) -110	(2) 1, 604 :	(²) -149	(²) -100	-11,625 -	7,350	(¹) -1,290	(¹) -869	(¹) -657	(¹) -227
67	U.S. currency	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
68 69	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns U.S. liabilities reported by U.S. banks and securities brokers	-203 2 43,875	329 2-23,729	134 21,094	-42 23,584	-947 224,999	-198 232,143	(¹) - 3,253	(¹) 427	(¹) -1,684	-630
	Financial derivatives, net	(3)	n.a.	(3)	n.a.	-2,248	- 32,143 n.a.	-3,253 (3)	427 n. a.	-1,684 35	−030 n.a.
	Statistical discrepancy (sum of above items with sign reversed)	22,532	4 107,417	5,788	42,687	22,872	4-1,621	-11,318	431,026	16,101	48,478
	Memoranda:		,	,	· i	,	·		.		
72 73	Balance on goods (lines 3 and 20)	-51,716 2,806	-67,770 1,552	-2,567 -190	-2,645 -698	-13,205 5,193	-14,056 4,052	-6,113 652	-8,849 477	-13,962 894	-15,361
74	Balance on goods and services (lines 2 and 19)	-48,910	-66,219	-2,757	-3,343	-8.011	-10,003	-5,461	-8,372	-13,067	542 -14,818
75 76	Balance on income (lines 12 and 29)	-9,434 -903	-9,452 -701	475 -1,286	809 -1,048	-6,258 -300	-7,854 - 292	244 -4,322	80 -2,105	2,143 -3,759	2,239 -2,696
77	Balance on current account (lines 1, 18, and 35 or lines 74, 75, and 76)	-59,247	-76,372	-3,569	-3,583	-14,569	-18,150	-4,322 -9,538	-10,397	-3,759 -14,683	-2,696 -15,275
						i					

p Preliminary
r Revised
(*) Transactions are less than \$500,000 (+/-)
1. Details not shown separately; see totals in lines 56 and 63.

Details not shown separately are included in line 69.
 S. Estimates of linancial derivatives for Mexico are included in Latin America and Other Western Hemisphere; and for China and India, in Asia and Paclific. Estimates for the Middle East are combined with estimates for Asia and Paclific.
 Calculated excluding financial derivatives, net (line 70).

Table F.4. Private Services Transactions

				ı	Not seasona	lly adjusted					Seasonally	adjusted		
Line		2009		200	09		20	10		200	09		20	10
			I	II	Ш	IV	Į r	II P	ı	11	III	IV	17	P
1	Exports of private services	483,869	115,576	118,449	122,828	127,016	124,786	129,796	119,651	118,939	119,498	125,782	128,578	131,041
2	Travel (table F.2, line 6)	93,917	20,712	23,803	27,190	22,212	21,907	26,007	23,631	23,006	23,311	23,969	25,006	25,298
3	Passenger fares (table F.2, line 7)	26,424	6,632	6,357	7,165	6,269	6,783	7,468	7,035	6,534	6,498	6,356	7,167	7,694
4	Other transportation (table F.2, line 8)	35,406	8,307	8,620	8,935	9,544	9,366	10,018	8,652	8,549	8,834	9,371	9,691	9,998
5	Freight	17,247	4,061	4,103	4,332	4,752	4,680	4,983	4,168	4,073	4,335	4,671	4,777	4,974
6	Port services	18,159	4,247	4,517	4,603	4,792	4,686	5,035	4,484	4,476	4,499	4,700	4,914	5,025
7	Royalties and license fees (table F.2, line 9)	89,791	19,610	24,310	20,073	25,798	22,507	26,335	21,502	22,363	21,396	24,530	24,138	24,672
8	Industrial processes 2	35,630	7.822	8.348	8,843	10,617	8,984	9,298	7,822	8,348	8,843	10,617	8,984	9,298
9	Other ³	54,161	11,788	15,962	11,230	15,181	13,523	17,037	13,680	14,014	12,553	13,913	15,154	15,374
	By affiliation:	1												
10	U.S. parents' receipts from their foreign affiliates	55,430	11,955	13,654	13,463	16,358	13,722	14,981	12,681	13,622	13,665	15,463	14,549	14,909
11	U.S. affiliates' receipts from their foreign parent groups	3,387	794	891 !	880	822	733	744	794	891	880	822	733	744
12	U.S. receipts from unaffiliated foreigners	30,974	6,861	9,766	5,730	8,617	8,051	10,610	8,028	7,850	6,851	8,245	8,855	9,019
13	Other private services (table F.2, line 10)	238,332	60,314	55,359	59,466	63,193	64,223	59,969	58,831	58,487	59,458	61,555	62,576	63,379
14	Education	19,911	8,141	2,407	5,596	3,767	8,874	2,609	4,813	4,921	5,046	5,130	5,238	5,355
15	Financial services	55,446	13,295	13,618	14,013	14,520	14,028	14,279	13,295	13,618	14,013	14,520	14,028	14,279
16	Insurance services	14,651	3,643	3,754	3,611	3,643	3,505	3,467	3,643	3,754	3,611	3,643	3,505	3,467
17	Telecommunications	9,284	2,225 ¹ 27,724 ¹	2,303	2,388	2,368	2,432	2,408	2,225 29,568	2,303	2,388 28,864	2,368 29,606	2,432 31,614	2,408 32,219
18 19	Business, professional, and technical services Other services 4	116,629 22,411	5,286	27,977 5,300	28,322 5,536	32,607 6,289	29,625 5,758	31,555 5,651	29,300 5,286	28,590 5,300	5,536	6,289	5,758	5,651
19	By affiliation:	22,411	5,200	5,300	3,330	0,209	3,730	3,031	3,200	3,300	5,550	0,203	3,730	3,031
20	U.S. parents' receipts from their foreign affiliates	53,636	12,848	12,559	12,516	15,713	14,189	14,695	13,499	12,969	12,896	14,273	14,884	15,134
21	U.S. affiliates' receipts from their foreign parent groups	24,536	5,557	6,095	5,898	6,987	6,584	7,169	6,007	6,129	6,251	6,149	7,113	7,210
22	U.S. receipts from unaffiliated foreigners	160,159	41,910	36,705	41,052	40,493	43,451	38,105	39,325	39,389	40,312	41,134	40,579	41,035
23	Imports of private services	334,917	78,953	84,358	86,849	84,759	82,108	91,038	84,043	81,928	83,542	85,405	87,489	88,918
24	Travel (table F.2, line 23)	73,230	16,160	20,138	20,988	15.944	16,070	20,610	18,702	17,721	18,459	18,348	18.651	18,296
25	Passenger fares (table F.2, line 24)	25,980	6,458	6,661	6,710	6,151	6.324	7,554	6,784	6,163	6,455	6,578	6.638	7,045
26	Other transportation (table F.2, line 25)	41,586	10.667	10,145	10,369	10,405	10,642	12,269	11,295	10,141	9,880	10,269	11,287	12,404
27	Freight	29,341	7,623	6,927	7,238	7,553	8,005	9,494	8,026	6,911	6,952	7,451	8,449	9,540
28	Port services	12,245	3.044	3,217	3,132	2,852	2,637	2,776	3,269	3,230	2,928	2,818	2,838	2,864
29	Royalties and license fees (table F2, line 26)	25,230	5,728	6,289	6,054	7,159	7,322	7,092	5,988	6,442	6,137	6,663	7,662	7,312
20	By type: 1	16,464	0.540	4.045	4.049	4,830	4.453	4.054	0.740	4,163	4.113	4,472	4,696	4,814
30 31	Industrial processes ² Other ³		3,540 2,188	4,045 2,244	2,004	2,329	2,869	4,651 2,441	3,716 2,272	2,279	2,024	2,191	2,966	2,499
31	By affiliation:	0,700	2,100	2,244	2,004	2,329	2,003	2,441	2,212	2,219	2,024	2,131	2,900	2,433
32	U.S. parents' payments to their foreign affiliates	4,508	1.089	1,202	1.002	1,214	711	729	1.089	1,202	1,002	1,214	711	729
33	U.S. affiliates' payments to their foreign parent groups	13,843	3,096	3,366	3,295	4.085	3.952	4.246	3.378	3,505	3,387	3,573	4,315	4.455
34	U.S. payments to unaffiliated foreigners	6,880	1,543	1,722	1,756	1,860	2,659	2,117	1,520	1,736	1,748	1,876	2,636	2,128
35	Other private services (table F.2, line 27)	168,892	39,940	41,124	42,728	45,100	41,750	43,513	41,274	41,461	42,611	43,546	43,250	43.861
	By type: 1	,	· ·	·		·			,	':		·		
36	Education	5,583	1,048	1,416	1,883	1,235	1,110	1,502	1,367	1,389	1,409	1,417	1,446	1,473
37	Financial services	16,454	3,770	4,329	4,054	4,301	3,896	3,984	3,770	4,329	4,054	4,301	3,896	3,984
38	Insurance services	55,233	14,408	13,310	13,644	13,871	13,398	13,336	14,408	13,310	13,644	13,871	13,398	13,336
39 40	Telecommunications Business, professional, and technical services	7,048 81,995	1,605 18.594	1,722 19.630	1,829 20,656	1,892 23,115	1,819 20.881	1,825 22,198	1,605 19.609	1,722 19.993	1,829 21.013	1,892 21,379	1,819 22,046	1,825 22,575
41	Other services 4	2,579	513	718	20,656	686	646	667	513	718	661	686	646	667
71	By affiliation:	2,5/9	513	, 10	001	000	040	007	313	, 10	001	000	0-10	507
42	U.S. parents' payments to their foreign affiliates	46,687	10,575	11,232	11,489	13,392	11,650	12,545	11,254	11,335	11,770	12,329	12,387	12,643
43	U.S. affiliates' payments to their foreign parent groups	20,291	4,428	4,803	5,144	5,916	5,006	5,304	4,706	5,024	5,242	5,320	5,364	5,539
44	U.S. payments to unaffiliated foreigners	101,913	24,937	25,090	26,095	25,792	25,094	25,664	25,315	25,102	25,598	25,898	25,499	25,679
	Supplemental detail on insurance transactions:	00.000	F 6.1-		F 000	F 000					# co-	5.00-	₌	
45	Premiums received 5	23,928	5,946	6,214	5,833	5,936 2,760	5,518	5,476	5,946	6,214	5,833	5,936 2,760	5,518	5,476 3,132
	Actual losses paid	11,400	3,014	2,860	2,767	,	3,046	3,132	3,014	2,860	2,767	, ,	3,046	,
47	Premiums paid 5	88,468	23,865	21,044	21,543	22,016	21,073	20,957	23,865	21,044	21,543	22,016	21,073	20,957
48	Actual losses recovered	42,567	11,344	10,813	10,295	10,116	10,151	10,421	11,344	10,813	10,295	10,116	10,151	10,421
	Memoranda:	500.011	407.000	444.005	4.45.000	440 504	100.000	405.000	404.457	440 503	400 440	140 101	454.001	100.010
49	Balance on goods (table F.2, line 72)	-506,944	-107,309	-111,065	-145,009	-143,561	-133,683	-165,823	-121,197	-113,507	-132,119	-140,121	-151,321	-169,613
5U 51	Balance on private services (line 1 minus line 23)	148,952 -357,992	36,623 -70,685	34,092 -76,973	35,979 -109,029	42,257 -101,304	42,678 -91,005	38,758 -127,065	35,609 -85,588	37,010 -76,497	35,956 -96,163	40,377 -99,744	41,089 -110,232	42,123 -127,490
	Datance on goods and private services (lines 43 and 50)	-337,392	-70,000	-10,513	-105,029	-101,304	-91,000	-127,005	-00,000	-/0,49/	-50,103	-33,144	110,232	-127,490
	reliminany					Includor ro	valtice licens	o food and	that food ac	enciated with	convionte te	adomarke fr	anchiese rial	hte to brood

p Preliminary
r Revised
1. Royalties and license fees and "other private services" by detailed type of service include both affiliated and unaffiliated transactions.
2. Includes royalties, license fees, and other fees associated with intangible assets, including patents, trade secrets, and other proprietary rights, that are used in connection with the production of goods.

Includes royalties, license fees, and other fees associated with copyrights, trademarks, franchises, rights to broadcast live events, software licensing fees, and other intellectual property rights.
 Other 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.
 These reflect the amount of premiums explicitly charged by, or paid to, insurers and reinsurers.

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G. Investment Tables

Table G.1. International Investment Position of the United States at Yearend, 2008 and 2009

		l 		Attribut	table to:				
Line	Type of investment	Position, 2008		Va	aluation adjustmer		Position, 2009		
			Financial flows (a)	Price changes (b)	Exchange-rate changes 1 (c)	Other changes 2 (d)	Total (a+b+c+d)		
1 2 3	Net international investment position of the United States (lines 2+3)	-3,493,882 159,635 -3,653,517	-216,075 -50,804 -165,271	522,929 (4) 522,929	276,730 (4) 276,730	1 72,452 4 19,103 153,349	756,036 -31,701 787,737	-2,737,846 127,934 -2,865,780	
4 5 6	U.Sowned assets abroad (lines 5+6) Financial derivatives (gross positive fair value) U.Sowned assets abroad, excluding financial derivatives (lines 7+12+17)	19,244,875 6,127,450 13,117,425	(³) (³) 140,465	(³) (³) 1,066,119	(3) (3) 357,956	(3) (3) 185,112	-865,79 1 -2,615,443 1,749,652	18,379,084 3,512,007 14,867,077	
7 8 9 10 11	U.S. official reserve assets. Gold	7,683	52,256 0 48,230 3,357 669		875 244 345 286	0	110,072 56,941 48,474 3,702 955	403,804 284,380 57,814 11,385 50,225	
12 13 14 15 16	U.S. government assets, other than official reserve assets U.S. credits and other long-term assets 7 Repayable in dollars Other 9 U.S. foreign currency holdings and U.S. short-term assets 9	69,877 69,604 273	1,936 1,936 0		(')	17 17 17	-541,325 1,953 1,953 0 -543,278	82,775 71,830 71,555 273 10,94	
17 18 19 20 21 22 23	U.S. private assets Direct investment at current cost. Foreign securities. Bonds. Corporate stocks. U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns U.S. claims reported by U.S. banks and securities brokers, not included elsewhere	3,985,712 1,237,284 2,748,428	629,552 268,680 208,213 144,909 63,304 -124,428 277,087	1,009,178 -12,201 1,021,379 84,123 937,256	357,081 79,124 255,694 27,269 228,425 8,404 13,859	185,095 -27,247 0 0 0 115,550 96,792	2,180,906 308,356 1,485,286 256,301 1,228,985 -474 387,738	4,051,19 5,470,998 1,493,588 3,977,410 794,228	
24 25 26	Foreign-owned assets in the United States (lines 25+26)	22,738,757 5,967,815 16,770,942	(3) (3) 305,736	(³) (³) 543,190	(3) (3) 81,226	(3) (3) 31,763	- 1,621,827 -2,583,742 961,915	21,116,93 (3,384,073 17,732,853	
27 28 29 30 31 32 33	Foreign official assets in the United States U.S. Government securities U.S. Treasury securities Other Other U.S. Government liabilities 10 U.S. liabilities reported by U.S. banks and securities brokers, not included elsewhere Other foreign official assets	3,264,139 2,400,516 863,623 40,577 252,608	450,030 441,056 561,125 -120,069 57,971 -70,851 21,854	-13,584 -104,274 -92,297 -11,977	219	-2,824 -8,524 1,708 -10,232 0 5,700	433,841 328,258 470,536 -142,278 58,190 -65,151 112,544	4,373,839 3,592,397 2,871,052 721,345 98,767 187,457 495,218	
34 35 36 37 38 39 40 41 42	Other foreign assets Direct investment at current cost U.S. Treasury securities U.S. securities other than U.S. Treasury securities Corporate and other bonds Corporate stocks U.S. currency U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns U.S. liabilities reported by U.S. banks and securities brokers, not included elsewhere	2,521,353 850,921 4,620,798 2,770,606 1,850,192	-144,294 134,707 22,781 59 -136,296 136,355 12,632 -1,460 -313,013		3,560 56,261 56,261	34,587 18,927 0 0 0 0 0 0 0 -69,240 84,900	528,074 151,433 -24,729 666,365 70,630 595,735 12,632 -66,062 -211,565	13,359,018 2,672,788 826,192 5,287,163 2,841,236 2,445,921 313,771 665,471 3,593,625	
43	Memoranda: Direct investment abroad at market value Direct investment in the United States at market value	3,103,704 2,552,572	268,680 134,707	737,062 422,683		-817 10,621	1,199,147 568,011	4,302,85 3,120,583	

p Preliminary

p Pretiminary
r Revised
* Less than \$500,000 (+/-)
..... Not applicable
1. Represents gains or losses on foreign-currency-denominated assets and liabilities due to their revaluation at current

^{2.} Includes changes in coverage due to year-to-year changes in the composition of reporting panels, primarily for bank and nonbank estimates, and to the incorporation of survey results. Also includes capital gains and losses of direct invest-ment affiliates and changes in positions that cannot be allocated to financial flows, price changes, or exchange-rate changes.

ment affiliates and cranges in positions that cannot be changes.

3. Financial flows and valuation adjustments for financial derivatives are available only on a net basis, which is shown on line 2; they are not separately available for gross positive fair values and gross negative fair values of financial derivatives. Consequently, columns (a) through (d) on lines 4, 5, and 24, 25 are not available.

4. Data are not separately available for the three types of valuation adjustments; therefore, the sum of all three types is shown in column (d).

^{5.} Reflects changes in gold stock from U.S. Treasury sales of gold medallions and commemorative and bullion coins; also reflects replenishment through open market purchases. These demonetizations/monetizations are not included in international transactions financial flows.

7. Also includes paid-in capital subscriptions to international insultutions and outstanding amounts of miscellaneous claims that have been settled through international agreements to be payable to the U.S. government over periods in excess of 1 year. Excludes World War I debts that are not being serviced.

8. Includes indebtedness that the borrower may contractually, or at its option, repay with its currency, with a third country's currency, or by delivery of materials or transfer of services.

9. Includes foreign-currency-denominated assets obtained through temporary reciprocal currency arrangements between the Federal Reserve System and foreign central banks. These assets are included in the investment position at the dollar value established at the time they were received, reflecting the valuation of these assets in the Federal Reserve System's balance sheet. The movement of exchange rates does not affect this valuation.

10. Includes U.S. government liabilities associated with military sales contracts and U.S. government reserve-related liabilities from allocations of special drawing rights (SDRs).

Table G.2. U.S. Direct Investment Abroad: Selected Items, by Country and by Industry of Foreign Affiliate, 2006–2009
[Millions of dollars]

		Direct investre on a historical			Finan	cial outflows w adjustment (-cost	lr	ncome without adjustr		
	2006	2007 1	2008	2009	2006	2007 1	2008	2009	2006	2007 1	2008	2009
All countries, all industries	2,477,268	2,993,980	3,219,725	3,508,142	224,220	393,518	330,491	248,074	304,114	350,237	382,575	325,467
By country of foreign affiliate								ļ		1	į	
Canada	205,134	250,642	239,170	259,792	-1,551	22,331	5,986	18,085	23,542	21,170	32,410	19,865
Europe	1,397,704	1.682,023	1,831,246	1.976,222	147.687	239,803	192,691	129.014	153,702	175,702	191,650	173,623
Of which:	.,,.	.,	.,	1,0 - 0,	,		,	,			,	
France	63,008	74,179	81,753	85,801	7,076	12,010	-168	2,393	5,801	5,494	5,228	2,39
Germany	93,620	100,601	108,217	116,832	2,703	9,569	1,154	6,775	8,081	9,356	8,401	5,85
Ireland	86,372	117,708	146,672	165,924	20,148	15,506	25,433	24,704	17,865	21,994	24,477	27,06
Netherlands	279,373	412,122	426,762	471,567	41,118	109,097	52,839	42,974	35,644	44,255	49,618	52,65
Switzerland	102,022	94,675	132,126	148,239	11,019	7,365	23,700	15,039	14,231	14,543	19,297	18,91
United Kingdom	406,358	426,357	449,521	471,384	30,535	21,978	37,138	20,119	26,772	21,412	27,214	22,56
Latin America and Other Western Hemisphere	418,429	556,160	591,363	678,956	35,672	55,324	77,018	66,149	53,532	72,600	78,558	69,59
Bermuda	133,480	211,708	213,863	245,671	19,944	14,785	21,903	26,588	15,586	23,176	23,803	19,98
Brazil	33,504	48,807	44,532	56,692	223	5,585	4,179	2,663 i	5,253	7,617	9,546	7,37
Mexico	82,965	91,046	89,610	97,897	9,444	9,798	6,898	5,924	9,606	11,634	10,368	7,64
United Kingdom Islands, Caribbean	84,817	105,829	129,243	141,527	-6,374	12,640	21,701	10,198	5,112	10,431	9,829	14,77
Africa	28,158	32,607	37,221	44,805	5,157	4,490	3,764	5,733	7,208	6,726	6,801	5,06
Middle East	24,206	28,448	31.886	37.012	5,699	4,070	3.907	4,925	6.043	7,692	9,064	5,10
Asia and Pacific	403,637	444,101	488,839	511,355	31,556	67,500	47,125	24,168	60,086	66.347	64,092	52,21
Of which:	400,007	444,101	400,000	311,000	31,330	07,500	47,125	24,100	30,000	00,047	04,002	02,21
Australia	67,632	84.331	94,451	106.370	1.473	10.122	10.182	6.202	6.596	7.840	8.369	5.23
Hona Kona	39,636	40,720	40,014	50,459	4,174	11,533	-332	6,367	8,130	7,681	5,730	5.74
Japan	84,428	85,224	101,918	103,643	2,709	15,721	-1.150	6,140	7,627	7.862	7.667	8.92
Singapore	81,879	93,529	86,048	76,862	8,035	14,003	8.996	5,833	15,563	19,045	17,487	9,52
By industry of foreign affiliate												
Mining	121,006	141.299	153,442	171,106	21,903	19.857	27,293	22,259	29,848	32,315	40,940	27.54
Manufacturing	441,724	484,839	484,596	541,080	42,359	71,977	33,955	47,707	57,677	66,435	60,895	44.62
Food	31,215	40.588	41,201	45,247	2.736	11.045	3,939	3,429	4.278	4,525	3,506	2,65
Chemicals	94,519	95.915	114,171	129,529	5,778	11,452	16,571	15,759	12,523	14.154	15.520	14.20
Primary and fabricated metals	18.773	22.244	20,078	23,186	2,490	3,440	2,445	611	2,044	2,405	1.788	73
Machinery	29,136	31,257	39,093	43,612	3,711	5,630	7,451	3,627	3,344	5,735	5.983	3,76
Computers and electronic products	63,113	69.467	65.530	65,598	13,458	6,583	4.687	182	12.542	12,253	10,213	6.41
Electrical equipment, appliances, and components	16,293	19,979	23.582	24,694	2.753	4,425	4.633	1.316	1,919	1,870	2,202	1,71
Transportation equipment	50,663	60,612	45,456	47,235	1,563	11,532	~11,614	804	4,257	5,733	1,420	-1,72
Other manufacturing	138,013	144,777	135,486	161,978	9,869	17,871	5,842	21,980	16,771	19,762	20,262	16,84
Wholesale trade	138,211	150.089	176,869	198,985	14,835	12.874	33,171	21,296	24,321	28,527	29,564	24,15
Information	100,445	116.923	135,037	149,826	3.851	8,562	13,635	11,700	11,526	11,144	13,806	14.40
Depository institutions (banking)	81,637	123,202	116,874	114.032	-6.441	10,785	5,322	-17,473	6,362	-7,927	1,901	-6
Finance (except depository institutions) and insurance	514,462	649,773	688,160	746,993	25.825	82,169	55,672	42,063	39,402	42.802	42.915	38.77
		81.344	74.691	77,474	9.377	12.094	10.253	6.545	9,480	8,953	6.732	6,74
Professional, scientific, and technical services	69,213			, ,			,	'	, ,			
Holding companies (nonbank)	838,566	1,039,045	1,181,323	1,279,952	97,498	153,562	133,959	99,246	120,884	146,576	166,976	152,47
Other industries	172,004	207,466	208,733	228,693	15,012	21,637	17,232	14,731	17,338	21,411	18,847	16,82

^{1.} The direct investment position, financial outflows, and income reflect a discontinuity between 2006 and 2007 because of the reclassification of permanent debt and associated interest, a component of income, between affiliated depository institutions from direct investment to other investment accounts.

Note. The data in this table are from tables 14 and 15 in "U.S. Direct Investment Abroad Tables" in the September 2010 SURVEY OF CURRENT BUSINESS.

Table G.3. Selected Financial and Operating Statistics of Nonbank Foreign Affiliates of U.S. Companies by Country and by Industry of Affiliate, 2008

		Α	II nonbank fo	reign affiliate	s			M	lajority-owne	d nonbank fo	reign affiliate	es	
		Mi	llions of dolla	irs				Millions of dollars					
	Total assets	Sales	Net income	U.S. exports of goods shipped to affiliates	U.S. imports of goods shipped by affiliates	Thousands of employees	Total assets	Sales	Net income	Value added	U.S. exports of goods shipped to affiliates	U.S. imports of goods shipped by affiliates	employee
All countries, all industries	12,504,725	6,107,864	956,357	269,752	337,057	11,879.4	11,443,211	5,202,191	872,506	1,211,854	260,373	318,486	10,123.8
By country of affiliate													
Canada	955,514	617,615	66,148	78,100	(D)	1,082.4	908,594	593,283	63,046	126,352	75,809	107,945	1,064.4
Europe	. 7,419,907	3,147,942	525.813	74,868	83,297	4,820,1	6.876,406	2,726,149	487,414	638,280	72,734	82,522	4.213.3
Of which:			40.000	,									
France		243,870 388.658	13,330 21,984	(D) 10.720	7,942 (D)	636.8 671.5	334,243 546,547	231,869 347,394	12,386 20,287	56,712 94,127	5,334 10,715	7,785 7,208	604.4 621.3
Netherlands		318,605	147,566	(D)	5.699	244.4	1.197.498	232.802	139,344	33,296	12,739		228.8
United Kingdom		681,792	9,193	15,985	13,601	1,328.0	1,605,149	622,447	3,103	165,991	15,927	13,576	1,174.2
Latin America and Other Western Hemisphere Of which:		691,555	187,832	57,525	68,742	2,321.6	1,760,796	598,005	176,314	140,149	55,209	65,072	1,935.
Brazil	160,699	157,495	13,318	6,034	(D)	505.9	150,019	147,757	12,687	38,915	5,860	3,304	
Mexico	1	207,031	10,268	40,262	49,834	1,107.2	164,617	168,435	8,199	30,753	38,259		
Africa	1 '	110,624	42,072	1,412	(D)	219.2	178,471	97,192	39,755	57,267	1,316	6,458	
Middle East	. 160,235	120,970	26,619	1,151	(D)	122.5	88,928	48,586	9,311	21,269	1,000	2,267	90.9
Asia and Pacific		1,419,158	107,873	56,695	60,749	3,313.7	1,630,016		96,666	228,536	54,307	54,221	2,647.
AustraliaChina		177,554 171,733	18,282 12,472	5,704 (D)	2,947 7,516	322.2 950.2	266,702 124,331	148,938 131,372	17,413 11,161	46,058 27,296	5,609 3,927	2,946 7,140	
India		41,203	3,058	1.042	(D)	384.3	35.931	33,503	2,916	9,363	926		
Japan		321,119	12,235	12,197	(D)	583.5	508,081	200,857	8,990	44,094	11,794	1,458	
By industry of affiliate													
Mining	. 742,815	485,267	115,521	2,492	25,617	M	611,524	338,021	92,792	221,006	2,446	25,617	198.
Utilities	. 84,583	120,524	3,801	608	(D)	37.9	57,810	48,708	2,876	8,772	608	(D)	27.
Manufacturing		2,731,326	163,861	168,628	243,318	5,438.1	1,880,285	2,285,194	132,111	517,133	161,427	224,990	4,600.
Food		213,437	9,379	5,252	9,668	491.9	151,821	199,283	9,661	34,516	5,167	9,560	
Chemicals		505,640	51,017	28,069	21,826	721.8	504,184	457,020	43,218	110,154	27,663	19,658	
Primary and fabricated metals		93,495 170,408	5,104 14,268	4,269 10,312	6,814 16,324	241.5 472.2	94,619 145,673	87,224 149.311	5,042 13,078	21,562 36,911	4,223 9,942	6,732 15,591	230.
Computers and electronic products		303,672	19,011	25,476	(D)	721.8	239.059	296.874	19,761	49,729	25,392		700.
Electrical equipment, appliances, and components	66,093	54,624	3,743	(D)	(D)	269.1	59,980	47,514	3,631	11,742	3,167	5,898	
Transportation equipment	. 285,370	483,091	5,101	64,021	(D)	1,000.5	244,774	410,221	2,646	62,036	60,146	74,378	902.
Wholesale trade	. 793,580	1,423,914	63,409	82,265	62,805	825.1	773,583	1,391,801	62,270	157,274	80,620	62,583	796.
Information	. 447,556	294,122	20,868	(D)	154	507.4	298,446	184,756	8,670	46,380	905	154	361.
Finance (except depository institutions) and insurance	2,810,330	306,349	21,608	27	(D)	286.6	2,731,396	285,963	19,828	46,482	26	(D)	239.
Professional, scientific, and technical services	289,047	177,717	20,142	3,387	(D)	702.4	284,921	173,692	19,809	67,463	3,377	(D)	679.
Other industries	1	568,646	547,149	(D)	1,422	М	4,805,245	494.056	534.150	147,343	10.963	1,404	1

D Suppressed to avoid disclosure of data of individual companies.

Notes. The following ranges are given in employment cells that are suppressed: A—1 to 499; F—500 to 999; G—1,000 to 2,499; H—2,500 to 4,999; I—5,000 to 9,999; J—10,000 to 24,999; K—25,000 to 49,999; L—50,000 to 99,999;

M—100,000 or more.

The data in this table are from "U.S. Multinational Companies: Operations in the United States and Abroad in 2008" in the August 2010 Survey or Current Business.

Table G.4. Foreign Direct Investment in the United States: Selected Items, by Country of Foreign Parent and by Industry of U.S. Affiliate, 2006–2009 [Millions of dollars]

	i		ment position al-cost basis			cial inflows w adjustment (d	ithout current outflows (-))	-cost	In	ncome withou adjust		t
	2006	2007 1	2008	2009	2006	2007 1	2008	2009	2006	2007 1	2008	2009
All countries, all industries	1,840,463	2,055,176	2,165,748	2,319,585	237,136	265,957	324,560	129,883	144,755	123,881	111,764	89,186
By country of foreign parent					-			i				
Canada	165,281	205,381	194,140	225,836	14,770	47,425	21,998	25,813	14,555	10,342	8,064	6,715
Europe	1,326,738	1,478,383	1,555,208	1,685,279	182,575	161,704	202,924	83.725	98,286	79,343	86,662	76.981
Of which:	1,020,700	1,110,000	1,000,200	.,000,2.0		10.,.01	202,02	00,.20	00,200		*******	. 0,00
France		153,713	157,172	189,285	29,078	4,701	16,862	24,046	14,550	3,602	13,760	8,145
Germany		213,159	201,424	218,153	39,540	9,693	-1,481	16,210	10,324	4,084	-893	11,664
Luxembourg		120,945	118,283	127,768	17,923	28,763	414	12,422	2,710	4,625	3,082	598
Netherlands		189,469	199,137	237,959	25,543	18,434	75,568	5,416	20,250	21,260	11,047	13,117
Switzerland		151,513	164,534	189,371	1,177	-3,194	43,325	8,638	2,862	6,203	22,511	14,733
United Kingdom	1 '	424,046	454,328	453,875	38,547	37,183	41,314	12,632	36,555	26,292	23,890	23,344
Latin America and Other Western Hemisphere Of which:		49,828	46,130	27,864	11,808	-4,658	29,509	8,372	7,113	7,678	6,772	48
Bermuda		-2,676	4,116	-13,181	7,047	-11,805	5,971	4,492	670	594	3,302	-263
Mexico		7,688	9,444	11,361	2,265	717	2,369	913	923	1,197	1,185	672
Panama	11,924	932	822	1,045	1,618	1,037	228	159	1,851	1,170	415	179
United Kingdom Islands, Caribbean		34,588	24,401	17,529	3,845	7,322	18,718	-1,649	1,826	2,609	580	214
Venezuela		4,181	4,567	4,850	-1,362	-1,980	569	283	818	(D)	(D)	461
Africa	1,976	1,535	2,309	1,689	255	-207	948	-787	207	175	75	(D
Middle East	10,112	14,896	17,242	17,614	2,504	5,196	3,652	600	1,243	470	-467	(D)
Asia and Pacific	269,772	305,154	350,718	361,303	25,225	56,497	65,529	12,160	23,350	25,873	10,658	5,656
Of which:												
Australia		37,514	40,626	45,663	2,174	16,706	14,890	6,732	5,773	6,649	3,118	2,326
Japan	204,020	229,408	259,753	264,208	16,466	26,576	36,377	4,373	16,190	16,751	7,108	2,639
By industry of U.S. affiliate							i					
Manufacturing		684,555	746,475	790,568	98,508	148,075	87,446	48,136	55,253	48,503	40,062	31,698
Food		26,903	23,849	20,004	6,550	2,200	282	-4,356	3,987	2,652	2,959	3,67
Chemicals		190,049	187,332	203,760	30,404	58,926	4,856	14,137 2.939	14,015	19,818	14,064	17,809
Primary and fabricated metals		42,453 93,091	47,645 88,730	48,693 95,585	8,341 9,957	8,596 37,142	10,626 4,665	6,627	5,484 1,908	4,216 2,180	3,708 2,336	-39 1,63
Computers and electronic products		44,410	59,757	95,565 55.349	23,312	980	14,818	-4,232	5.633	-2,160 -2,322	2,336 841	100
Electrical equipment, appliances, and components		20,112	20.561	24.004	3,249	9.404	461	3,261	1.781	1,712	1,165	94
Transportation equipment		93.053	83,907	96,872	-4.134	13,228	-5.908	12,789	3,614	1.065	-29	-3.98
Other manufacturing		174,482	234,695	246,302	20,829	17,599	57,645	16,971	18,831	19,183	15,018	11,910
Wholesale trade	255,590	294,697	316,581	328,430	20,907	32,077	42,376	12,853	25,295	24,494	25,089	9,64
Retail trade	31,677	31,363	40,129	44,330	2,789	-1,060	7,826	4,805	2,557	2,358	1,995	2,60
Information	135,986	155,704	164,491	146,114	27,321	10,825	10,452	-10,874	5,720	5,973	3,438	3,46
Depository institutions (banking)	135,391	107,242	92,565	111,913	13,794	-1,237	23,202	8,999	7,535	1,798	521	-2,447
Finance (except depository institutions) and insurance	283,364	275,722	238,875	293,204	37,614	-8,398	69,585	24,188	7,839	6,005	9,341	16,529
Real estate and rental and leasing	41,924	53,780	57,459	54,539	435	6,809	3,981	625	3,054	3,232	2,742	710
Professional, scientific, and technical services		55,201	62,934	46,087	3,636	8,853	9,705	1,531	1,566	2,608	3,665	1,796
Other industries	339.610	396,912	446,238	504.399	32,131	70.014	69.986	39.621	35.935	28.910	24.910	25.190

D Suppressed to avoid disclosure of data of individual companies.

1. The direct investment position, financial inflows, and income reflect a discontinuity between 2006 and 2007 because of the reclassification of permanent debt and associated interest, a component of income, between affiliated depository

institutions from direct investment to other investment accounts.

Note. The data in this table are from tables 14 and 15 in "Foreign Direct Investment in the United States Tables" in the September 2010 Survey of Current Business.

Table G.5. Selected Financial and Operating Data of U.S. Affiliates of Foreign Companies by Country of Ultimate Beneficial Owner and by Industry of Affiliate, 2008

			All aff	iliates				~	Major	ity-owned aff	iliates		
	Mi	llions of dolla	rs		Millions	of dollars	-	Millions o	of dollars			Millions	of dollars
	Total assets	Sales	Net income	Thousands of employees	U.S. exports of goods shipped by affiliates	U.S. imports of goods shipped to affiliates	Total assets	Sales	Net income	Value added	Thousands of employees	U.S. exports of goods shipped by affiliates	U.S. imports of goods shipped to affiliates
All countries, all Industries	12,666,896	3,819,986	-28,851	6,279.2	246,685	587,994	11,671,560	3,448,568	-4,118	670,284	5 ,593.5	232,413	566,925
By country													
Canada	1,161,937	299,570	1,433	717.2	11,636	35,189	1,095,047	256,319	2,186	62,554	515.9	9,557	33,932
Europe	9,076,176	2,263,147	-12,719	3,942.9	126,423	226,037	8,590,080	2,063,938	-15,099	423,365	3,614.5	120,466	214,937
Of which: France	1,308,792	306,760	7.973	598.3	13,318	20,243	1,263,179	278,483	2.762	57,521	550.2	12,217	19.402
Germany	1,705,228	458,952	-30,298	722.7	(D) (D)	(D)	1,583,013	394,109	-11,458	82,445	614.2	34,547	65,472
Netherlands	903,406 70.927	343,402 52,205	3,137 1.020	386.6 182.2	(D) 5.405	37,346 6.940	883,357 70,690	331,578 51,747	-1,687 995	56,173 13,446	371.5	19,373	37,259
Sweden	1,671,263	220,345	-13,510	413.4	9,338	16,574	1,654,932	212,525	-12,792	48.836	181.5 394.4	5,398 9,142	6,934 16,252
United Kingdom	2,302,076	(D)	(D)	1,047.5	(D)	40,001	2,171,515	543,771	16,519	108,820	957.4	27,726	39,027
Latin America and Other Western Hemisphere Of which:	427,523	212,964	3,281	389.8	(D)	(D)	401,953	197,282	3,360	51,391	377.4	11,788	37,882
BermudaMexico	(D) 37,397	73,520 22,867	1,208	M	(D) (D)	(D) (D)	238,206 36,988	70,890 20,879	1,632 614	24,494	208.5	(D) 1,086	(D) 3,565
MexicoUnited Kingdom Islands, Caribbean	41,044	22,007 (D)	586 (D)	30.1	112	(0)	40,988	12,828	238	5,858 4,486	46.2 30.1	112	
Venezuela	(D)	(D)	(D) (D)		(D)	(D)	21,523	(D)	(D)	5,062	6.4	(D)	(D) (D)
Atrica	(D)	7,559	246	6.7	799	(D)	5,116	7,443	204	1,257	6.6	797	176
Middle East	153,039	102,911	-5,907	89.6	2,261	(D)	135,980	96,610	-5,845	11,519	77.4	2,256	(D)
Asia and Pacific	1,664,244	835,173	-17,373	1,038.4	82,692	238,047	1,351,370	748,908	10,612	109,509	928.8	77,411	232,795
Of which: Australia	184,255	46,702	3.348	84.3	(D)	(D)	169,185	40,873	3,517	10,569	81.5	3,572	2,170
Japan	1,061,694	626,996	8,899	741.7	64,225	187,728	1,026,574	590,923	8,623	87,651	691.0	60,031	183,836
Korea, Republic of	41,827	(D)	(D)	28.6	10,895	(D)	41,213	58,741	-1,657	1,966	27.4	10,849	37,928
United States	(D)	98,662	2,187	94.7	(D)	(D)	92,014	78,068	464	10,690	72.8	10,138	(D)
By industry													
Manufacturing	1,700,407	1,428,083	-1,793	2,256.0	141,898	242,185	1,500,219	1,288,552	14,800	280,329	2,115.5	131,300	223,993
Food	81,432	96,812	3.002	173.9	11.084	5.208	79,871	93,263	2,787	17,345	169.6	11,023	5,164
Petroleum and coal products	118,219	237,188	4,489	40.0	9,612	(D)	115,965	226,817	4,480	22,040	38.1	(D)	63,080
Chemicals	384,926 104,111	275,506 58.098	9,694 -1,082	M 159.7	31,230 1,470	47,392 1.365	375,916 103,367	267,418 57,089	8,513 -1, 18 1	65,577 19,109	305.8 157.1	30,048 1,431	46,827 1,277
Primary and fabricated metals	112.911	112,971	1,028	185.4	9,148	8.924	106,130	100,600	1.144	23.242	178.3	8,563	7,748
Machinery	124,838	97,627	1,745	245.1	14,428	12,450	123,445	94,887	1,698	25,474	241.3	14,257	11,705
Computers and electronic products Electrical equipment, appliances, and components	106,833 45,705	65,236 (D)	6,630 (D)	172.3 75.7	14,297 3,245	13,388 5,486	99,150 45,603	60,476 31,792	-6,302 2,448	12,578 10,795	164.7 75.4	13,229 3,236	12,823 5,476
Transportation equipment	45,705 (D)	285,672	-20,758	485.6	31,135	64,254	245,902	219,616	-1,482	40,292	420.5	26,574	54,218
Wholesale trade	706,493	1,053,989	24,349	661.1	92,090	324,195	695,840	1,019,137	22,913	116,400	648.8	89,824	322,319
Retail trade	87,354	159,752	379	м	(D)	(D)	68,003	120,905	1,485	27,468	464.4	700	7,303
Information	471,101	174,192	13,537	365.5	1,369	(D)	254,337	101,672	-1,106	35,771	249.1	968	644
Publishing industries	(D) 186,079	45,643 (D)	-2,656 (D)	138.5 M	947 75	544 (D)	97,448 82,866	40,415 35,515	-3,309 527	14,119 11,347	122.1 59.2	(D) (D)	544 48
Finance and insurance	8,533,653	538,652	-91,845	485.9	0	(*)	8,111,541	494,441	-63,322	61,996	407.5	0	(*)
Real estate and rental and leasing	175,333	29,946	-10	40.8	(D)	(D)	140,526	24,925	-781	13,171	39.4	(D)	(D)
Professional, scientific, and technical services	126,495	81,974	2,279	м	591	(D)	120,883	78,727	2,449	26,870	248.3	565	348
		353.398		I	9.989	12.856	780,211	320.210			I .	l	(D)

L—50,000 to 99,999; M—100,000 or more.

The data in this table are from BEA's annual survey of the operations of U.S. affiliates of foreign companies; see "U.S. Affiliates of Foreign Companies: Operations in 2008" in the November 2010 Survey of Current Business.

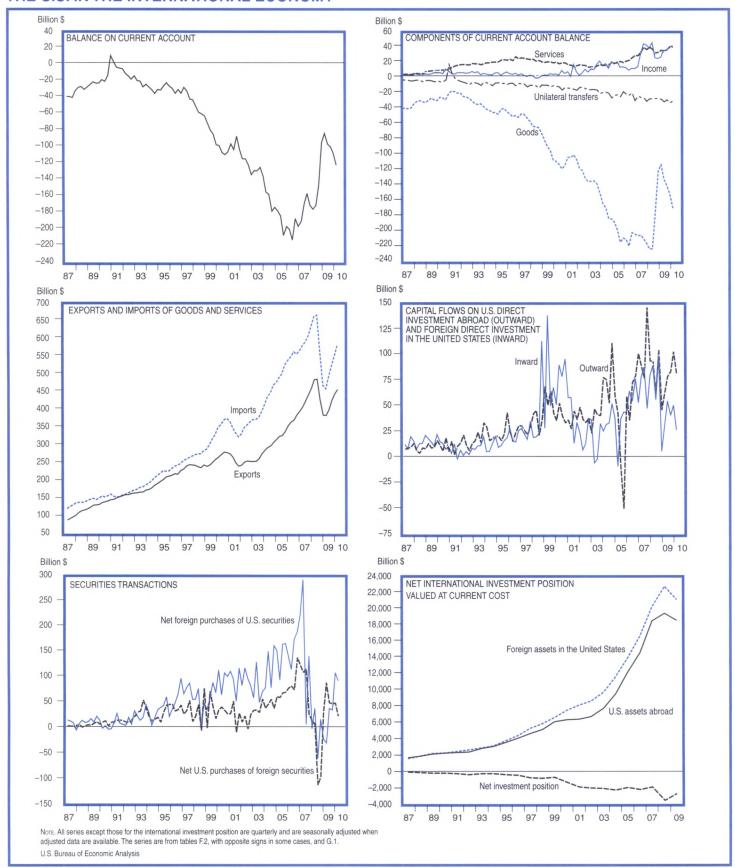
D Suppressed to avoid disclosure of data of individual companies.

Norss. Size ranges are given in employment cells that are suppressed. The size ranges are: A—1 to 499; F—500 to 999; G—1,000 to 2,499; H—2,500 to 4,999; I—5,000 to 9,999; J—10,000 to 24,999; K—25,000 to 49,999;

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THE U.S. IN THE INTERNATIONAL ECONOMY



D-74 December 2010

Regional Data

I. State and Regional Tables

The tables in this section include the most recent estimates of state personal income and gross domestic product by state. The sources of these estimates are noted.

The quarterly and annual estimates of state personal income and the estimates of gross domestic product by state are available online at www.bea.gov. For information on state personal income, e-mail reis@bea.gov; write to the Regional Economic Information System, BE-55, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230; or call 202-606-5360. For information on gross domestic product by state, e-mail gdpbystate@bea.gov; write to the Regional Product Division, BE-61, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230; or call 202-606-5340.

Table I.1. Personal Income by State and Region

[Millions of dollars, seasonally adjusted at annual rates]

A	20	06		20	07			20	08			20	09		20	10	Percent change 1
Area	illr	IV	l.	II'	III	IV	Ιι	II!	Ш	۱۷۰	Ιτ	ll'	III '	IV]r	P	2010:I- 2010:II
United States	11,327,195	11,493,304	11,696,446	11,828,816	11,942,634	12,131,515	12,294,280	12,445,933	12,436,903	12,341,864	12,087,756	12,191,395	12,156,914	12,225,831	12,341,249	12,462,673	1.0
New England Connecticut Maine Massachusetts New Hampshire Rhode Island Vermont	653,948 185,342 44,618 306,298 53,915 41,210 22,565		680,276 194,242 45,759 318,996 55,544 42,528 23,207	685,817 196,328 46,111 320,940 56,515 42,435 23,488	691,395 198,321 46,462 323,812 56,382 42,723 23,694	699,866 199,685 47,099 329,009 57,031 43,091 23,950	706,920 200,191 47,914 332,901 57,763 43,926 24,225	710,965 201,123 48,323 335,142 57,924 44,080 24,373	710,364 201,753 48,372 334,365 57,598 43,849 24,426	706,142 199,075 48,191 333,218 57,182 44,030 24,447	686,591 191,393 47,450 324,863 55,988 43,041 23,856	695,203 195,064 48,154 327,723 56,352 43,621 24,289	694,025 193,681 48,262 327,623 56,614 43,516 24,330	697,504 194,767 48,493 329,085 56,676 43,912 24,571		706,613 196,740 49,301 334,191 57,514 44,217 24,650	0.9 1.0 0.9 1.0 1.0
Mideast Delaware District of Columbia Maryland New Jersey New York Pennsylvania	2,057,945 33,710 35,095 254,229 414,119 854,479 466,313	33,583 35,508 257,116 421,354 878,725	2,149,936 34,317 36,691 260,140 430,969 905,873 481,946	2,163,343 34,600 37,084 263,277 434,167 907,976 486,240	2,185,937 34,663 37,940 264,952 436,465 920,369 491,549	2,215,432 35,142 38,356 269,132 442,658 931,832 498,312	2,236,051 35,430 39,769 271,372 446,955 939,224 503,302	2,248,332 35,851 40,236 274,399 447,197 940,306 510,343	2,248,026 35,937 40,578 274,992 447,936 938,765 509,818	2,233,029 35,801 40,817 274,974 445,447 927,818 508,171	2,163,848 35,270 40,277 272,362 430,307 884,099 501,533	35,366 40,963 275,674 436,695	2,205,496 35,366 40,784 275,631 436,788 911,335 505,592	2,221,404 35,437 41,114 276,908 438,073 919,280 510,592	2,237,945 35,619 41,610 279,330 443,104 925,130 513,152	2,257,170 36,035 41,861 281,817 446,477 932,631 518,349	1.2 0.6 0.9 0.8 0.8
Great Lakes Illinois Indiana Michigan Ohio Wisconsin	1,644,593 507,031 208,103 336,430 392,987 200,043	1,659,519 514,917 209,504 337,247 395,663 202,188	1,684,623 522,383 212,014 342,613 403,148 204,467	1,694,584 529,908 213,439 342,528 403,474 205,235	1,705,635 535,000 214,292 344,834 405,205 206,304	1,727,951 545,702 217,285 346,067 409,382 209,514	1,752,529 551,801 222,304 352,129 414,169 212,126	1,770,005 556,374 224,588 356,030 419,166 213,848	1,766,387 557,644 223,729 353,283 417,556 214,176	1,752,731 551,074 222,195 351,744 414,352 213,366	1,711,632 537,736 216,430 339,278 408,998 209,191	1,725,746 541,098 218,046 343,497 411,224 211,882	1,722,739 541,014 217,536 341,696 410,662 211,831	1,733,455 544,131 219,264 344,739 412,313 213,008	1,739,799 543,514 221,675 344,792 415,239 214,579	1,756,953 549,305 223,231 348,278 419,315 216,824	1.1 0.7 1.0 1.0
Plains lowa Kansas Minnesota Missouri Nebraska North Dakota South Dakota	718,130 101,025 99,347 206,920 199,853 62,828 21,412 26,745	202,129 64,040 21,832	741,263 104,805 103,051 212,897 204,039 65,678 22,602 28,190	753,824 106,838 104,322 216,148 207,139 67,112 23,271 28,995	758,933 107,575 104,784 216,724 208,903 67,773 23,763 29,410	776,212 110,428 107,421 220,942 212,724 69,568 24,816 30,315	797,880 114,693 111,246 226,327 215,408 71,613 26,589 32,003	801,685 114,438 112,583 225,240 219,734 71,865 26,332 31,492	805,276 115,144 113,100 228,069 218,022 72,140 27,016 31,785	801,295 113,468 112,153 224,999 222,807 70,324 26,521 31,024	785,195 112,961 110,125 219,560 214,984 70,734 25,985 30,845	786,479 112,977 110,548 220,053 215,527 70,327 26,142 30,905	786,554 112,932 110,685 220,048 214,896 70,269 26,602 31,122	791,397 113,794 111,336 222,089 215,316 70,929 26,646 31,286	223,866 217,518 71,158 25,536	804,733 115,943 113,945 225,921 219,620 72,045 26,040 31,220	1.1 1.0 0.9 1.0 1.2 2.0
Southeast Alabama Arkansas Florida Georgia Kentucky Louisiana Mississippi North Carolina South Carolina Tennessee Virginia West Virginia	2,597,556 145,536 83,429 696,370 313,365 127,590 144,123 81,379 299,194 135,111 201,123 318,003 52,333	147,153 84,759 703,378 318,355 129,068 146,262 82,247 304,609 136,722 204,591 321,453	2,679,350 149,593 86,299 711,398 326,802 130,693 148,619 83,763 311,406 139,439 207,236 330,824 53,277	2,713,739 150,920 88,545 716,825 329,110 132,123 156,990 86,301 314,529 141,186 209,812 333,695 53,703	2,739,002 152,257 89,767 723,759 331,537 132,750 158,504 87,456 317,338 142,641 211,626 337,123 54,243	2,776,242 154,692 93,486 729,821 334,254 135,019 161,614 88,005 323,345 144,935 215,742 340,372 54,956	2,808,876 157,103 92,756 734,322 340,424 137,123 164,953 89,100 326,067 146,746 218,366 346,012 55,905	2,856,775 160,612 94,724 744,002 345,098 139,984 170,468 92,107 331,603 149,926 220,964 349,993 57,295	2,842,048 158,903 94,111 740,868 341,868 139,155 170,620 90,361 329,622 148,959 219,590 350,423 57,567	2,822,524 157,655 93,458 732,606 338,732 138,900 172,125 89,847 327,022 147,851 217,178 349,147 58,004	2,783,020 155,708 93,449 719,300 333,220 137,556 169,274 89,213 321,718 146,342 214,222 345,148 57,869	2,806,553 157,845 93,489 723,913 335,558 139,528 168,481 90,208 326,691 147,602 216,231 348,609 58,599	2,795,105 157,166 93,606 718,624 333,109 139,738 168,173 89,701 326,365 147,352 214,936 348,024 58,311	2,809,169 157,620 94,197 721,959 334,296 140,659 168,250 90,150 328,008 148,710 217,060 349,618 58,642	159,167 95,172	2,870,702 160,853 96,074 734,110 342,406 144,299 172,442 91,940 337,856 151,525 223,020 356,241 59,936	1.1 0.9 0.9 0.9 1.3 1.1 0.8 1.2 1.0 1.0
Southwest Arizona New Mexico Oklahoma Texas	1,218,073 208,855 59,610 119,738 829,870	211,781 60,451	1,254,143 215,740 61,578 121,684 855,142	1,276,918 217,227 62,468 123,558 873,665	1,299,195 219,710 63,543 125,676 890,266	1,326,422 221,403 64,585 127,983 912,451	1,366,391 223,945 65,852 131,825 944,770	1,402,350 225,956 67,275 135,673 973,446	1,403,800 224,684 66,942 135,741 976,435	1,399,185 222,337 66,829 134,874 975,145	1,372,498 219,349 66,259 132,335 954,555	219,951 66,611 132,020	1,370,276 218,031 66,784 132,103 953,358	1,377,838 219,746 67,324 132,117 958,650		1,416,274 223,612 69,339 135,237 988,087	1.3
Rocky Mountain	375,759 196,248 46,355 30,785 78,909 23,461		385,712 199,609 48,386 31,691 82,544 23,483	393,309 203,488 48,920 32,241 84,756 23,905	397,591 206,039 49,078 32,579 85,630 24,265	407,489 211,477 50,084 33,278 87,534 25,115	411,806 213,191 50,449 33,880 88,063 26,223	416,562 215,506 50,789 34,167 89,275 26,825	418,274 216,619 50,460 34,273 89,509 27,414	413,669 213,592 49,807 34,123 88,759 27,388	407,538 210,661 48,867 33,599 87,763 26,648	209,382 48,843	406,773 209,891 48,927 34,034 87,890 26,031	408,572 210,979 49,138 34,135 88,331 25,990	413,574 213,275 49,756 34,470 89,617 26,456	417,487 214,914 50,200 35,023 90,660 26,691	0.9 1.6
Far West	2,061,192 26,378 1,504,904 49,706 98,023 128,396 253,785	26,789 1,523,387 50,323 99,912 130,202	2,121,143 27,578 1,545,365 51,335 101,624 131,131 264,110	2,147,281 28,044 1,561,554 52,072 102,761 132,648 270,200	2,164,947 28,274 1,570,427 52,970 104,031 134,203 275,042	2,201,902 28,628 1,595,680 53,686 106,416 136,670 280,823	2,213,827 30,083 1,600,904 54,290 106,034 138,002 284,514	2,239,259 30,460 1,621,724 54,817 105,574 139,828 286,856	2,242,727 30,731 1,622,134 54,747 105,006 139,991 290,118	2,213,290 30,924 1,598,968 54,594 102,701 139,000 287,103	2,177,436 29,763 1,571,784 54,308 100,230 137,320 284,033	30,097 1,574,645 54,742 100,398 138,715	2,175,945 30,284 1,567,694 54,382 99,150 137,962 286,473	30,579		2,232,741 31,153 1,611,545 55,582 98,707 141,933 293,822	0.8 0.8 0.3 0.6

p Preliminary

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.

Source: Table 1 in the "Regional Quarterly Report" in the October 2010 Survey of Current Business

Percent change from preceding period was calculated from unrounded data.
 Nore. The personal income level shown for the United States is derived as the sum of the state estimates. It differs from

Table I.2. Annual Personal Income and Per Capita Personal Income by State and Region

			Р	ersonal incom	е					Per cap	ita personal ir	icome		
Area			Millions	of dollars			Percent change 1			Doll	ars			Rank in United States
	20041	20051	20061	2007	2008	20091	2009	2004	2005	2006′	2007	2008r	20091	2009
United States	9,928,790	10,476,669	11,256,516	11,899,853	12,379,745	12,165,474	-1.7	33,881	35,424	37,698	39,458	40,673	39,626	
New England	580,159	602,449	649,981	689,339	708,598	693,331	-2.2	40,809	42,345	45,585	48,212	49,336	48,049	
Connecticut		168,804 41,982	184,049 44,307	197,144 46,358	200,536 48,200	193,726 48,090	-3.4 -0.2	46,459 31,465	48,543 32,007	52,809 33,695	56,510 35,191	57,248 36,524	55,063 36,479	3
Maine Massachusetts		282,367	304,855	323,189	333,906	327,324	-0.2 -2.0	42,021	43,757	47,144	49,727	51.028	49,643	٦
New Hampshire	48,661	50,028	53,765	56,368	57,617	56,408	-2.1	37,641	38,441	40,982	42,789	43,587	42,585	1
Rhode Island		38,570	40,664	42,695	43,971	43,522	-1.0	35,079	36,217	38,355	40,468	41,738	41,324	1
Vermont		20,697	22,341	23,585	24,368	24,261	-0.4	32,733	33,446	36,035	38,012	39,236	39,021	2
Mideast		1,898,598	2,046,137	2,178,662	2,241,359	2,200,855	-1.8	38,269	40,076	43,076	45,706	46,868	45,815	1
Delaware District of Columbia		31,077 31,965	33,350 34,787	34,680 37,518	35,755 40,350	35,360 40,785	-1.1 1.1	35,713 51,274	37,001 54,918	39,096 59,569	40,098 63,979	40,806 68,381	39,949 68,013	ļ.,
Maryland		237,146	252,431	264,375	273,934	275.143	0.4	40,530	42,480	44,979	46,923	48,410	48,275	
New Jersey	365,260	379,650	411,429	436,064	446,884	435,466	-2.6	42,415	44,034	47,709	50,494	51,583	50,009	
New York		786,512	851,437	916,512	936,528	907,886	-3.1	38,407	40,687	43,987	47,188	48,107	46,459	
Pennsylvania		432,248	462,704	489,512	507,908	506,215	-0.3	33,724	34,808	37,102	39,090	40,418	40,161	1
Great Lakes		1,551,823	1,635,232	1,703,198	1,760,413	1,723,393	-2.1	32,814	33,710	35,420	36,787	37,949	37,062	
IllinoisIndiana		472,073 195,526	504,493 206,868	533,248 214,257	554,223 223,204	540,995 217,819	-2.4 -2.4	36,005 30,619	37,246 31,268	39,668 32,827	41,727 33,762	43,154 34,939	41,904 33,912	1 4
Michigan		325,749	334,858	344,010	353,296	342,302	-3.1	31,661	32,283	33,212	34,227	35,321	34,334	3
Ohio	361,666	371,931	390,457	405,302	416,311	410,799	-1.3	31,546	32,412	33,975	35,180	36,113	35,590	3
Wisconsin		186,545	198,556	206,380	213,379	211,478	-0.9	32,715	33,664	35,637	36,843	37,916	37,398	2
Plains		673,520	714,501	757,558	801,534	787,406	-1.8	33,131	34,065	35,876	37,764	39,668	38,719	
lowa		95,467	100,573	107,412	114,436	113,166	-1.1	31,726	32,368	33,927	36,060	38,222	37,623	2
Kansas		90,876	98,577	104,894	112,271	110,673	-1.4	31,924	33,145 37,988	35,772	37,792	40,134	39,263 41,859	2
Minnesota Missouri	180,547	193,990 186,753	205,857 198,727	216,678 208,201	226,159 218,993	220,438 215,181	-2.5 -1.7	37,078 31,353	32,162	39,985 33,903	41,739 35,230	43,238 36,766	35.938	3
Nebraska	57,905	60.064	62,810	67,533	71,485	70.565	-1.3	33,237	34,289	35,679	38,156	40,116	39,277	\ ž
North Dakota	19,293	20,542	21,375	23,613	26,615	26,344	-1.0	30,320	32,331	33,568	36,999	41,493	40,727	1
South Dakota	24,879	25,829	26,582	29,228	31,576	31,040	-1.7	32,132	33,110	33,711	36,671	39,248	38,208	2
Southeast		2,403,753	2,580,723	2,727,083	2,832,556	2,798,462	-1.2	30,812	32,452	34,438	35,865	36,811	36,033	
Alabama		135,636	144,463 82,918	151,866	158,568	157,085 93,685	-0.9	28,372	29,843 27.907	31,421	32,744	33,900	33,360	4
Arkansas Florida		77,475 633,193	690,268	89,524 720,451	93,762 737,950	720,949	-0.1 -2.3	26,845 33,540	35,605	29,455 38,161	31,498 39,417	32,695 40.054	32,423 38.890	2
Georgia		292,544	311,855	330,426	341,530	333,996	-2.3 -2.2	30,622	32,157	33,425	34,659	35,217	33,980	3
Kentucky	113,984	119,151	126,719	132,646	138,791	139,370	0.4	27,479	28,489	30,033	31,165	32,368	32,306	4
Louisiana		135,318	143,223	156,432	169,541	168,544	-0.6	28,057	30,086	33,776	35,747	38,086	37,520	2
Mississippi		77,748 277,743	81,098 297,596	86,381 316,654	90,354 328,578	89,818 325,695	-0.6 -0.9	25,149 30.558	26,808 32,037	27,992 33,562	29,565 34.935	30,730 35,533	30,426 34,719	5
North Carolina South Carolina		124,392	134,197	142,050	148,370	147,502	-0.9	27,908	29,226	30,925	32,107	32,947	32,338	1 2
Tennessee		187,679	200,227	211,104	219.025	215,612	-1.6	30.255	31,302	32,881	34,199	35.098	34,245	3
Virginia	275,618	294,734	316,298	335,503	348,894	347,850	-0.3	36,902	38,966	41,362	43,460	44,756	44,129	1
West Virginia	46,500	48,139	51,862	54,045	57,193	58,355	2.0	25,786	26,685	28,697	29,839	31,513	32,067	4
Southwest	1,019,582	1,107,818	1,209,262	1,289,169	1,392,932	1,373,422	-1.4	30,359	32,368	34,473	36,030	38,231	37,045	4
Arizona		188,152	206,958	218,520	224,230	219,269	-2.2	29,521	31,491	33,423	34,346	34,500	33,244	
New Mexico Oklahoma		55,342 107,640	59,274 118,749	63,044 124,725	66,724 134,528	66,745 132,144	0.0 -1.8	27,264 28,790	28,876 30,469	30,513 33,223	32,022 34,529	33,584 36.917	33,212 35.840	4
Texas		756,683	824,281	882,881	967,449	955,264	-1.3	31,082	33,185	35,272	37,037	39,806	38,546	2
Rocky Mountain	1	341,570	372,380	396,025	415,078	407,342	-1.9	32,286	34,064	36,293	37,767	38,825	37,459	l
Colorado	168,587	179,695	194,390	205,153	214,727	210,228	-2.1	36,652	38,555	40,898	42,367	43,509	41,839	1
ldaho	39,544	42,197	46,253	49,117	50,376	48,944	-2.8	28,414	29,594	31,585	32,761	32,979	31,662	4
Montana		28,179	30,447	32,447	34,111	33,923	-0.5	28,616	30,144	32,177	33,897	35,237	34,794	3
Utah Wyoming		71,530 19,969	78,378 22,912	85,116 24,192	88,901 26,963	88,025 26,222	-1.0 -2.7	26,837 36,261	28,616 39,446	30,335 44,676	31,953 46,220	32,596 50,588	31,612 48,178	4
			2,048,299	2,158,818	2,227,276	2,181,263		36,222	37,928	40,580	40,220	43,231		
Far WestAlaska			26,304	28,131	30,550	30,180	-2.1 -1.2	36,222	36,770	40,580 38,835	42,371 41,230	44,395	41,876 43,209	
California		1,387,661	1,495,533	1,568,257	1,610,932	1,572,650	-2.4	36,903	38,767	41,567	43,291	44,038	42,548	1
Hawaii	42,285	45,332	49,124	52,516	54,612	54,495	-0.2	33,753	35,804	38,510	41,130	42,418	42,075	
Nevada		91,837	97,844	103,708	104,829	99,621	-5.0	35,282	38,125	39,241	40,389	40,076	37,691	;
Oregon		117,634 230,057	127,403 252,091	133,663 272,544	139,205 287,148	138,203 286,114	-0.7 -0.4	31,614 35,966	32,515 36,743	34,644 39,561	35,806 42,157	36,798 43,732	36,125 42,933	3
* 14311111gtv11	222,422	230,037	202,091	212,344	201,140	200,114	-0.4	35,900	30,743	39,301	42,10/	40,732	42,933	ł

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.

Source: Table 2 in the "Regional Quarterly Report" in the October 2010 Survey of Currient Business

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1. Percent change from preceding period 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

Table I.3. Disposable Personal Income and Per Capita Disposable Personal Income by State and Region

			Disposa	able personal	income				P	er capita disp	oosable perso	nal income 1		
Area			Millions	of dollars			Percent change ²			Doll	ars			Rank in United States
	2004	20051	20061	20071	2008′	20091	2009	20041	20051	2006¹	20071	2008r	20091	2009
United States	8,882,065	9,269,389	9,905,432	10,412,579	10,942,849	11,026,561	0.8	30,309	31,342	33,174	34,527	35,952	35,916	
New England	506,349	519,148	558,095	584,790	610,558	615,156	0.8	35,617	36,490	39,141	40,900	42,510	42,631	
Connecticut	137,811	141,491	153,813	162,490	168,561	168,164	-0.2	39,662	40,689	44,134	46,577	48,120	47,797	
Maine	37,226	37,611	39,596	41,317	43,051	43,977	2.2	28,455	28,675	30,112	31,365	32,622	33,359	
Massachusetts	235,219	242,288	260,656	272,286	286,404	289,355	1.0	36,461	37,546	40,309	41,895	43,769	43,884	
New Hampshire	44,222 33,557	45,018 34,229	48,178 35,953	50,211 37,597	51,723 39,116	51,823 39,638	0.2 1.3	34,207 31,320	34,591 32,140	36,724 33,911	38,115	39,128 37,129	39,124 37,636	
Rhode Island Vermont	18,314	18,511	19,899	20,889	21,704	22,198	2.3	29,627	29,914	32,096	35,637 33,666	34,947	35,703	
		,								. 1				'
Mideast	1,580,391	1, 640,209 27,089	1,755,189	1,849,420	1,923,431	1,945,128	1.1	33,450	34,622	36,951	38,799	40,220	40,491	
Delaware	26,085 25,956	27,009	29,108 30,114	30,220 32,169	31,494 35,241	31,980 36,430	1.5	31,556 44,767	32,252 47,478	34,123 51,567	34,941 54,857	35,943 59,723	36,130 60,751	
Maryland	196,375	205,361	217,700	226,522	237,638	244,517	2.9	35,430	36,787	38,790	40,205	41,996	42,902	***********
New Jersey	320,707	328.725	355.529	372,131	385,960	386,761	0.2	37,242	38,127	41,227	43,090	44,551	44,416	
New York	637,253	668,814	714,843	760,015	785,809	788,456	0.3	33,022	34,598	36,930	39,130	40,365	40,348	
Pennsylvania	374,015	382,585	407,895	428,362	447,289	456,985	2.2	30,191	30,808	32,707	34,207	35,594	36,255	
Great Lakes	1,350,590	1,380,020	1,447,415	1,499,039	1.561.496	1.568.232	0.4	29,409	29,978	31.352	32,378	33,661	33,725	
Illinois	407,401	417,908	443,565	465,111	488,791	489,471	0.1	32,218	32,972	34,877	36,395	38.059	37,913	
Indiana	171,679	175,184	184,570	190,000	199,210	199,005	-0.1	27,626	28,016	29,289	29,940	31,184	30,983	
Michigan	287,780	291,861	299,376	305,770	315,874	313,796	-0.7	28,523	28,924	29,693	30,422	31,580	31,475	
Ohio	322,521	329,577	344,743	356,590	369,487	374,504	1.4	28,132	28,721	29,997	30,952	32,051	32,445	
Wisconsin	161,209	165,490	175,160	181,568	188,134	191,456	1.8	29,250	29,864	31,438	32,414	33,431	33,857	
Plains	588,699	602,630	635,546	669,529	711,598	715,952	0.6	29,940	30,480	31,912	33,376	35,217	35,206	
lowa	85,209	86,413	90,432	95,788	102,362	103,425	1.0	28,969	29,298	30,506	32,157	34,189	34,385	
Kansas	79,021	81,470	87,754	92,601	99,763	100,670	0.9	28,937	29,714	31,845	33,363	35.663	35,714	:
Minnesota	167,008	170,056	179,851	188,205	197,422	197,921	0.3	32,880	33,302	34,934	36,254	37,744	37,583	
Missouri	163,733	167,716	177,581	184,832	195,038	196,279	0.6	28,434	28,884	30,296	31,275	32,745	32,781	
Nebraska	52,717	54,246	56,222	60,137	64,087	64,568	0.8	30,259	30,967	31,936	33,977	35,965	35,939	:
North Dakota	17,814 23,197	18,849 23,879	19,412 24,293	21,313 26,653	23,976 28,950	24,118 28,971	0.6 0.1	27,996 29,959	29,667 30,611	30,484 30,809	33,396 33,440	37,379 35,983	37,286 35,662	
South Dakota							l i	1						,
Southeast	2,036,424	2,154,295	2,302,607	2,427,930	2,547,376	2,570,940	0.9	27,899	29,084	30,727	31,930	33,105	33,103	
Alabama	116,963	122,857	129,861	136,218	143,389	144,832	1.0	25,921	27,031	28,245	29,371	30,655	30,758	
Arkansas	67,478 527,637	70,359 564,208	75,136 614,903	80,677 641,860	84,740 669,467	86,281	1.8 -0.2	24,572	25,344	26,690	28,385	29,549	29,861	
Florida	245.210	260,665	275,989	291.841	306.044	667,940 305,653	-0.2 -0.1	30,367 27,509	31,726 28,653	33,994 29,581	35,117	36,337 31,558	36,031 31,096	
Georgía Kentucky	102.792	106,698	113,474	118.192	123,939	127,380	2.8	24,781	25,512	26,894	30,611 27,769	28,904	29,526	
Louisiana	115,856	123,943	129,587	141,822	152,174	153.848	1.1	25,807	27,557	30,561	32,408	34,185	34.249	
Mississippi	67,386	71,910	74,603	79,338	83.038	83,798	0.9	23,349	24,795	25,751	27,155	28,242	28.387	
North Carolina	234,606	247,481	263,532	278,554	292,043	296,762	1.6	27,500	28,546	29,721	30,732	31,582	31,635	
South Carolina	106,761	112,228	120,475	127,054	134,258	136,382	1.6	25,411	26,368	27,763	28,718	29,813	29,900	
Tennessee	165,821	172,735	182,823	192,290	201,570	202,333	0.4	28,026	28,810	30,023	31,151	32,301	32,135	
Virginia	243,235	257,467	275,159	291,283	305,358	312,200	2.2	32,566	34,039	35,983	37,732	39,171	39,606	
West Virginia	42,681	43,743	47,064	48,802	51,356	53,530	4.2	23,668	24,249	26,042	26,945	28,297	29,416	
Southwest	934,596	1,003,510	1,087,780	1,157,247	1,256,600	1,265,053	0.7	27,829	29,320	31,010	32,343	34,489	34,122	
Arizona	153,935	168,244	184,234	194,606	202,853	203,194	0.2	26,727	28,159	29,753	30,588	31,211	30,807	İ
New Mexico	47,262	50,294	53,451	56,690	60,694	61,739	1.7	24,982	26,242	27,515	28,795	30,549	30,721	
Oklahoma	92,139	96,921	106,223	111,105	120,558	121,048	0.4	26,217	27,435	29,718	30,758	33,084	32,831	
Texas	641,261	688,051	743,873	794,846	872,495	879,072	0.8	28,604	30,175	31,832	33,344	35,899	35,472	:
Rocky Mountain	287,207	304,303	328,862	347,397	368,703	370,843	0.6	29,131	30,347	32,052	33,130	34,487	34,102	,,
Colorado	151,009	159,214	170,853	178,786	189,582	190,432	0.4	32,830	34,160	35,946	36,922	38,414	37,899	
Idaho	36,075 24,169	37,888 25,419	41,189 27,299	43,694 28,826	45,294 30.502	45,093 31,057	-0.4 1.8	25,921 26,103	26,572 27,192	28,127 28,850	29,144 30,114	29,652 31,509	29,171 31.853	
Montana Utah	59,326	63,876	69,370	74,959	79,335	80,352	1.3	24,325	25,554	26,830	28,140	29,089	28,856	
Wyoming	16.629	17,906	20,151	21,132	23,990	23,909	-0.3	33,060	35,371	39,292	40,373	45,010	43,929	
, ,			1.789.939		1.963.087		0.6		,			'	,	
Far West	1,597,808 21,193	1,665,273 22,477	23,892	1,877,227 25,344	1,963,087 27,546	1, 975,25 7 27,673	0.6	32,240 32,035	33,293 33,573	35,462 35,274	36,844 37,145	38,103 40,031	37,92 1 39,620	
AlaskaCalifornia	1.161.582	1.210.243	1,298,263	1,352,890	1,409,889	1.415.642	0.5	32,035	33,573	36,084	37,145	38.542	38,300	
Hawaii	37.962	40,216	43,547	46,589	48.817	49.937	2.3	30,302	31,764	34,138	36,488	37,917	38,556	
Nevada	73,552	81,280	86,564	92,004	94,942	92,281	-2.8	31,585	33,743	34,717	35,831	36,296	34,914	
Oregon	100,562	103,084	111,224	117,357	122,033	125,164	2.6	28,141	28,493	30,244	31,438	32,258	32,717	
Washington	202,957	207,973	226,448	243,042	259,859	264,559	1.8	32,818	33,216	35,537	37,594	39,576	39,699	

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1. Per capita disposable personal income was computed using midyear population estimates of the Census Bureau.

2. Percent change from preceding period 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.

Source: Table 3 in the "Regional Quarterly Report" in the October 2010 Survey or CURRENT BUSINESS

Table I.4. Gross Domestic Product (GDP) by State for Industries, 2009

[Millions of dollars]

State and region	Rank of total GDP by state	Total	Natural resources and mining	Construction	Durable-goods manufacturing	Nondurable- goods manufacturing	Trade	Transportation and utilities	Information	Financial activities	Professional and business services	Education and health services	Leisure and hospitality	Other services	Government
United States		14,150,826	367,725	578,329	846,823	721,766	1,635,558	663,113	633,765	3,057,791	1,723,917	1,188,831	545,600	360,580	1,827,029
New England		776,556	2,766	25,662	50,060	26,823	81,537	25,219	31,440	211,717	107,210	89,544	27,271	18,495	78,813
Connecticut	23	227,405 51,293	391 715	6,370	15,293	10,696 2,923	22,909	7,295	8,254	74,895	27,575	21,190 6,480	6,162	4,861	21,514
Maine Massachusetts	43 13	365,182	952	1,970 12,295	2,406 22,703	9,720	6,856 35.721	2,130 10,968	1,284 17,165	11,077 93,084	4,600 60,969	45,776	2,226 13,219	1,313 8,816	7,311 33,794
New Hampshire	41	59,400	234	1,966	4,945	1,507	7,922	2,128	2,136	14,501	6,876	6,863	2,437	1,668	6,216
Rhode Island	44	47,837	120	2,109	2,696	1,174	4,927	1,560	1,909	13,015	5,004	5,983	1,850	1,153	6,338
Vermont	50	25,438	354	950	2,017	802	3,201	1,138	692	5,145	2,185	3,253	1,376	686	3,640
Mideast	40	2,577,474	12,286	90,715	86,511	98,155 2,997	270,417	102,129	135,617	682,127	369,365	246,219	91,803	66,422	325,709
Delaware District of Columbia	40	60,588 99,129	279	1,846 1,048	1,134 65	2,997	4,452 1.941	1,643 1.519	1,109 5,399	28,416 12,825	6,375 23,798	4,037 7,212	1,513 3,841	1,040 6,816	5,748 34,515
Maryland	15	286,797	853	14,143	7,774	7,412	29,097	11,431	10,394	66,116	43,355	26,070	10,001	7,719	52,433
New Jersey	7	482,967	824	16,345	13,015	25,576	64,296	22,051	21,878	126,482	72,573	40,499	15,440	10,221	53,767
New York	3 6	1,093,219 554,774	2,975 7,354	36,719 20,614	28,624	29,862 32,161	107,654	38,289	76,566	327,929	150,387	102,901 65,499	42,937	25,437	122,939
Pennsylvania	۰	· ·	1		35,898		62,977	27,196	20,271	120,359	72,877		18,072	15,189	56,307
Great Lakes	5	1,977,080 630,398	25,035 7,883	72,379 25,715	185,758 38,885	11 6,794 29.967	237,464 75,665	1 00,521 32,774	58,701 22,556	425,458 152,523	234,737 89,049	1 80,955 52,636	67,013 22,007	51,874 16,942	220,391 63,798
Indiana	16	262,647	4,643	10,184	36,055	28,808	29,457	14,793	5,892	45,632	20,140	23,026	9,538	6,846	27,633
Michigan	12	368,401	3,948	12,171	39,059	13,894	45,954	16,858	9,277	74,622	48,204	35,244	12,910	9,976	46,284
Ohio	8	471,264	4,481	15,483	46,638	26,900	58,423	24,302	13,412	97,740	55,813	46,143	14,927	11,758	55,244
Wisconsin	21	244,370	4,081	8,826	25,121	17,226	27,965	11,794	7,565	54,941	21,531	23,906	7,631	6,353	27,432
Plains		924,267	34,340	35,812	63,602	51,707	111,841	49,203	37,301	194,043	93,611	82,725	31,401	23,750	114,929
lowa Kansas	30 32	142,282 124,921	7,427 5,667	4,964 4,296	11,807 9,905	11,968 6,860	15,681 15,809	7,178 6,827	4,025 7,070	36,691 20,664	8,372 12,064	10,515 9,951	4,177 3,736	3,266 3,261	16,212 18,811
Minnesota	17	260,692	5,664	10.596	19,033	12,524	31,109	10.936	9,183	60.535	32,116	25.907	8.667	6,468	27.954
Missouri	22	239,752	3,617	9,678	14,396	13,553	30,257	12,702	12,476	42,376	29,277	23,019	10,142	6,949	31,310
Nebraska	36	86,439	5,114	3,430	4,433	4,792	9,899	7,714	2,606	17,375	7,929	7,062	2,319	2,108	11,658
North DakotaSouth Dakota	49 46	31,872 38,308	3,663 3,188	1,449 1,398	1,649 2,380	1,094 916	4,408 4,678	2,249 1,597	1,010 932	5,618 10,784	1,876 1,978	2,778 3,493	956 1.404	756 942	4,366 4,619
	40	,		1											
Southeast	25	3,138,723 169,856	67,557 4,653	141,126 7.508	171,511 16.357	196,541 10,409	385,575 21,791	160,695 9.692	120,637 3,958	600,870 26,595	360,696 16.354	252,529 13.128	128,346 4.986	83,193 5,163	4 69,44 8 29,260
Arkansas	34	101,818	4,910	4,219	7,997	6,635	14,107	6.987	4.037	15,292	8,944	8,318	3,043	2,627	14,702
Florida	4	737,038	6,664	39,555	24,017	12,106	99,492	36,738	31,124	177,327	87,925	64,340	42,624	20,720	94,406
Georgia	11	395,194	3,993	16,482	16,969	23,086	53,576	23,181	25,738	72,670	48,211	29,803	14,367	9,377	57,740
Kentucky Louisiana	28 24	156,553 208,377	5,882 21,037	6,291 11,601	13,108 7,319	12,266 33,763	19,638 22,524	10,124 12,954	4,188 4,327	23,107 26,572	13,376 16,989	13,954 14,393	5,480 8,049	3,745 4,664	25,394 24,185
Mississippi	35	95,905	2,972	4,911	8.019	8,163	11,923	5.830	2.030	13.388	6,520	7.483	4,354	2,539	17.774
North Carolina	10	398,042	4,137	15,617	27,763	44,609	42,890	14,446		81,821	40,800	31,123	12,898	9,188	60,409
South Carolina	27	159,647	1,343	7,557	13,566	10,543	20,531	8,110	4,240	27,403	15,181	11,089	6,983	4,534	28,568
Tennessee Virginia	20	244,508 408,443	1,664 3,564	8,088 16,541	19,979 13,691	14,918 17,162	34,273 37,483	13,342 15,448	8,251 18,997	43,686 84,086	27,635 74,431	25,695 27,071	11,059 12,161	7,689 11,382	28,228 76,426
West Virginia	. 39	63,344	6,737	2,757	2,726	2,883	7,348	3,842	1,404	8,925	4,331	6,133	2,340	1,565	12,354
Southwest		1,629,638	128,333	80,018	98,654	87,221	199,992	93,878	60.745	277.205	177,733	113,959	58,459	37.737	215,704
Arizona	18	256,364	5,982	14,238	16,067	3,797	33,451	12,670	7,055	61,178	28,369	22,369	11,068	5,689	34,430
New Mexico	37	74,801	6,110	3,861	2,887	1,076	7,593	3,385	2,211	11,930	9,151	6,034	3,015	2,126	15,423
Oklahoma Texas	29	153,778	23,102 93,140	5,281 56,637	9,037 70,662	8,349 73,998	16,440 142,508	8,824 68,998	4,318 47,161	21,328 182,770	11,904 128,309	10,545 75,011	4,772 39,604	3,444 26,478	26,433 139,418
	_	493,101	34,097	24,252	24.044	16,205		1							
Rocky Mountain Colorado	19	252.657	11.882	11,527	10.308	7,316	54,220 26,577	23,061 9,778	28,162 21,737	96,043 50.447	59,035 36,391	34,110 16,921	19,969 11,126	13,001 6,560	66,904 32,086
Idaho	42	54,005	3,204	2,734	3,806	1,834	7,187	2,458	1,178	9,806	6,201	4,437	1,903	1,291	7,967
Montana	48	35,954	2,830	2,025	647	1,356	4,226	2,624	900	6,347	2,739	3,524	1,749	1,061	5,926
Utah	33 47	112,941 37,544	3,237 12,944	6,074 1,892	8,889 394	3,825 1,874	13,138 3.091	5,409 2,792	3,872 475	25,410 4,033	12,197 1,505	7,764 1,464	3,795 1,396	3,438 650	15,893 5.033
Wyoming	4/	2.633,987	1 '	1 '		1,874	294,513)	
Far West	45	2,633,987 45,709	63,311 10,006	108,365 1,988	166,684 188	1.348	294,513 2.946	108,408 5.306	161,163 1,104	570,328 5.953	321,531 2,979	188,789 2,666	121,337 1,458	66,107 833	335,132 8.935
California	1	1,891,363	37,849	70,723	107,103	111,448	212,592	72,925	123,034	421,120	248,604	135,725	77,038	48,625	224,576
Hawaii	38	66,431	397	4,048	342	906	6,510	3,885	1,509	14,875	5,948	4,886	5,680	1,742	15,703
Nevada	31 26	126,503	4,584	9,501	3,951	1,254 4,260	12,911	6,687	2,380	29,439	12,357	7,007	19,954	2,547	13,930
Oregon	14	165,648 338,334	3,690 6,783	6,772 15,333	26,144 28,956	9,103	18,465 41,089	6,775 12,830	5,355 27,782	32,883 66.059	15,782 35,862	14,504 24,002	5,371 11,836	4,243 8,117	21,406 50,583
Trading to I	"	330,334	1 0,765	13,333	20,550	3,103	71,005	12,000	21,102	00,039	33,002	24,002	11,030	0,117	30,363

Nore. Totals shown for the United States differ from the national income and product account estimates of gross domestic product (GDP) because GDP by state excludes and national GDP includes the compensation of Federal civiliand and military personnel stationed abroad and government consumption of fixed capital for military equipment, except office equipment. Also, GDP by state and national GDP have different revision

schedules.

Source: This table reflects the GDP by state estimates for 2009 that were released on November 18, 2010. Detailed estimates are available on BEA's Web site at www.bea.gov.

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J. Local Area Table

Table J.1. Personal Income and Per Capita Personal Income by Metropolitan Area, 2007–2009—Continues

		P	ersonal income)	İ		P	er capita per	sonal income ¹		
Area	М	illions of dolla	rs	Percent cha preceding			Dollars		Rank in United States	Percent cha preceding	
	2007	2008	2009 P	2008	2009 ^p	2007	2008	20	09 P	2008	2009 P
United States	11,879,836	12,225,589	12,024,414	2.9	-1.6	39,392	40,166	39,167		2.0	-2.5
Metropolitan portion	10,404,973	10,684,318	10,488,977	2.7	-1.8	41,260	41,930	40,757		1.6	-2.8
Metropolitan statistical areas ³ Abilene, TX	5,116	5,343	5.285	4.4	-1.1	32,176	33,589	33.016	225	4.4	-1.7
Akron, ÖH	26,005	26,523	26,071	2.0	-1.7	37,120	37,893	37,247	122	2.1	-1.7
Albany, GA	4,533	4,746	4,809	4.7 \ 4.1	1.3	27,699	28,854	29,068	341 49	4.2	0.7
Albany-Schenectady-Troy, NY		36,327 29,982	36,291 30,168	3.8	-0.1 0.6	40,941 34,604	42,523 35,415	42,318 35,165	178	3.9 2.3	-0.5 -0.7
Alexandria, LA	4,988	5,218	5,262	4.6	0.8	32,661	34,005	34,146	209	4.1	0.4
Allentown-Bethlehem-Easton, PA-NJ	30,270	31,012	31,015	2.5	0.0	37,586	38,208	38,008	117	1.7	-0.5
Altoona, PAAmarillo, TX	3,872 8,012	3,993 8,463	4,096 8,417	3.1 5.6	2.6 -0.5	30,736 33,129	31,709 34,729	32,478 34,150	277 193	3.2 4.8	2.4 1.7
Ames, IA		3,052	3,074	4.3	0.7	34,329	35,400	35,246	180	3.1	-0.4
Anchorage, AK	16,068	17,267	16,988	7.5	-1.6	44,521	47,205	45,355	24	6.0	-3.9
Anderson, SC	3,891 5,314	4,026 5,534	4,064 5,462	3.5 4.1	0.9 -1.3	29,723 29,496	30,674 30,252	30,921 29,542	305 317	3.2 2.6	0.8 -2.3
Ann Arbor, Mi	13,614	13,483	13,219	-1.0	-1.3 -2.0	39,142	39,107	38,032	92	-0.1	-2.3 -2.7
Anniston-Oxford, AL	3,515	3,652	3,629	3.9	-0.6	31,163	32,199	31,809	267	3.3	-1.2
Appleton, WI	8,194	8,417	8,234	2.7	-2.2	37,585	38,298	37,108	112	1.9	-3.1
Asheville, NC	13,722 5,477	14,038 5,700	13,847 5.604	2.3 4.1	-1.4 -1.7	33,935 29,333	34,323 30,010	33,554 29,153	202 327	1.1 2.3	-2.2 -2.9
Atlanta-Sandy Springs-Marietta, GA	203,961	206,463	199,747	1.2	-3.3	38,721	38,336	36,482	111	-1.0	-4.8
Atlantic City-Hammonton, NJ	10,407	10,780	10,711	3.6	-0.6	38,553	39,835	39,421	77	3.3	-1.0
Auburn-Opelika, AL	3,594 16,872	3,693 17,672	3,704 17,898	2.8 4.7	0.3 1.3	27,476 31,892	27,749 33,056	27,259 33,197	353 240	1.0 j 3.6 j	-1.8 0.4
Austin-Round Rock-San Marcos, TX	59,758	61,800	60,568	3.4	-2.0	37,477	37,362	35,522	129	-0.3	-4.9
Bakersfield-Delano, CA	23,023	23,952	24,174	4.0	0.9	29,341	30,047	29,940	325	2.4	-0.4
Baltimore-Towson, MD	124,418 4,711	128,213 4,948	129,061 5,072	3.1 5.0	0.7 2.5	46,604 31,705	47,881 33,149	47,962	21 238	2.7	0.2 2.4
Bangor, ME	11,081	11,341	11,274	2.3	-0.6	49,858	51,194	33,947 50,979	13	4.6 2.7	-0.4 -0.4
Baton Rouge, LA	26,749	28,326	28,577	5.9	0.9	34,647	36,346	36,314	146	4.9	-0.1
Battle Creek, MI		4,317	4,342	4.0	0.6	30,361	31,652	32,018	279	4.3	1.2
Bay City, MI	3,218 12,696	3,332 13,403	3,356 13,342	3.6 5.6	0.7 -0.5	29,968 33,791	30,971 35,507	31,237 35,252	298 175	3.3 5.1	0.9 -0.7
Bellingham, WA	6,750	7,010	6,946	3.9	-0.9	35,004	35,592	34,657	171	1.7	-0.7 -2.6
Bend, OR	5,566	5,635	5,503	1.2	-2.4	36,282	35,728	34,688	163	-1.5	-2.9
Billings, MT	5,742 8,066	5,900 8,415	5,873 8,348	2.8 4.3	-0.5 -0.8	38,332 32,870	38,737 34,367	37,997 34,116	106	1.1 4.6	-1.9 -0.7
Birmingham-Hoover, AL	43,734	44,798	43,511	2.4	-0.6 -2.9	39,299	39,886	38,468	76	1.5	-0.7 -3.6
Bismarck, ND	3,787	3,947	4,072	4.2	3.2	36,760	37,728	38,311	124	2.6	1.5
Blacksburg-Christiansburg-Radford, VA	4,351	4,470	4,500	2.7	0.7	27,602	28,196	28,197	347	2.2	0.0
Bloomington, IN	5,342 6,105	5,568 6,435	5,716 6,510	4.2 5.4	2.7 1.2	29,198 37,228	30,231 38,865	30,796 38,818	318 101	3.5 4.4	1.9 -0.1
Boise City-Nampa, ID	21,200	21,323	20,615	0.6	-3.3	36,160	35,615	33,997	170	-1.5	-4.5
Boston-Cambridge-Quincy, MA-NH	243,740	250,811	246,471	2.9	-1.7	54,117	55,187	53,713	7	2.0	-2.7
Boulder, CO		15,040 3,698	14,412 3,660	1.0 4.7	-4.2 -1.0	50,344 30,327	50,058 31,180	47,489 30,348	17 295	-0.6 2.8	-5.1 -2.7
Bremerton-Silverdale, WA	10,001	10,312	10,369	3.1	0.6	42,004	42.992	43.051	44	2.4	0.1
Bridgeport-Stamford-Norwalk, CT	70,748	70,754	66,437	0.0	-6.1	79,576	79,108	73,720	1	-0.6	-6.8
Brownsville-Harlingen, TX	7,846 3,595	8,323 3,718	8,505 · 3,636 !	6.1 3.4	2.2 -2.2	20,502 35,371	21,387 36,088	21,456 35,013	365 152	4.3 2.0	0.3 -3.0
Brunswick, GA	40,778	42.317	42,155	3.4	-0.4	36,216	37,647	37,511	126	4.0	-3.0 -0.4
Burlington, NC	4,502	4,659	4,562	3.5	-2.1	31,083	31,501	30,338	284	1.3	-3.7
Burlington-South Burlington, VT	8,258 13,053	8,517 13,393	8,582 13,206	3.1 2.6	0.8 -1.4	40,059 31, 9 46	41,139 32,763	41,247 32,367	58 247	2.7 2.6	0.3 1.2
Cape Coral-Fort Myers, FL	24,617	24.077	22,984	-2.2	-4.5	42,06 2	40,898	39,160	63	-2.8	-4.2
Cape Girardeau-Jackson, MO-IL	2,895	2,978	3,048	2.9	2.3	31,140	31,926	32,521	272	2.5	1.9
Carson City, NV	2,365 3,557	2,374 3,812	2,303 3,633	0.4 7.2	-3.0 -4.7	42,998 49,526	42,955 52,185	41,741 48,759	45 11	-0.1 5.4	-2.8 -6.6
	9,425	9,893	9,829	5.0	-0.7	37,367	38,811	38,345	103	3.4	-0.0 -1.2
Champaign-Urbana, IL	7,360	7,778	7,883	5.7	1.3	32,932	34,723	34,859	194	5.4	0.4
Charleston, WV	10,703	11,257	11,431	5.2 3.8	1.6	35,277	37,111	37,577	131 177	5.2	1.3
Charlotte-Gastonia-Rock Hill, NC-SC	22,102 66,218	22,941 67,612	22,938 65,234	2.1	0.0 -3.5	34,973 40,108	35,447 39,621	34,797 37,372	84	1.4 -1.2	–1.8 –5.7
Charlottesville, VA	8,226	8,453	8,433	2.8	-0.2	42,731	43,344	42,857	40	1.4	-1.1
Chattanooga, TN-GA	17,653	18,091	17,734	2.5	-2.0	34,225	34,784	33,824	192	1.6	-2.8
Cheyenne, WY	3,739 423,953	3,915 431,795	3,934 418,929	4.7 1.8	0.5 -3.0	43,175 44,854	44,613 45,377	44,273 43,727	37 34	3.3 1.2	-0.8 -3.6
Chico, CA	6,856	7,101	7,164	3.6	0.9	31,486	32,349	32,478	260	2.7	-3.6 0.4
Cincinnati-Middletown, OH-KY-IN	82,568	84,330	82,897	2.1	-1.7	38,434	39,066	38,168	94	1.6	-2.3
Clarksville, TN-KY	8,666 3,293	9,304 3,383	9,730 3,367	7.4 2.7	4.6 -0.5	33,053 29,606	35,545 30,092	36,233 29,704	173	7.5 1.6	1.9 -1.3
Cleveland-Elvria-Mentor, OH	82,646	84,009	3,367 82,288	1.6	-0.5 -2.0	39,370	40,118	39,348	70	1.9	-1.3 -1.9
Coeur d'Alene, ID	4,282	4,422	4,358	3.3	-1.5	31,976	32,279	31,265	264	0.9	-3.1
College Station-Bryan, TX	5,568	5,836	5,905	4.8	1.2	27,436	28,176	27,818	348	2.7	-1.3
Colorado Springs, CO	22,729 5,690	23,581 5,910	24,077 6,025	3.8 3.9	2.1 1.9	37,428 35,097	38,221 35,998	38,448 36,241	116 156	2.1 2.6	0.6 0.7
Columbia, SC	24,932	25,880	25,952	3.8	0.3	34,646	35,328	34,847	183	2.0	-1.4
Columbus, GA-AL	10,150	10,646	10,837	4.9	1.8	35,377	37,063	37,011	133	4.8	-0.1
Columbus, IN	2,742	2,874	2,769	4.8	-3.7	36,714	38,068	36,400		3.7	4.4
Columbus, OH	67,204 13,982	68,952 14,725	68,907 14,457	2.6 5.3	-0.1 -1.8	38,198 33,975	38,741 35,636	38,242 34,743	105	1.4 4.9	–1.3 –2.5
Corvallis, OR	3,013	3,087							123		-2.0
Crestview-Fort Walton Beach-Destin, FL		7,370	3,059 7,429	2.5 0.7	-0.9 0.8	36,937 40,465	37,755 41,050	37,030 41,624	60	2.2	-1.9

Table J.1. Personal Income and Per Capita Personal Income by Metropolitan Area, 2007–2009—Continues

							······	er capita per	rsonal income ¹		
Area	Mill	ions of dollars	3	Percent ch preceding			Dollars		Rank in United States	Percent cha preceding	
	2007	2008	2009 P	2008	2009 ^p	2007	2008	20	09 p	2008	2009 P
umberland, MD-WV	2,848	3,003	3,134	5.5	4.3	28,601	30,101	31,420	323	5.2	4.4
allas-Fort Worth-Arlington, TXalton, GA	254,067 3,867	262,549 3,851	254,769 3,722	3.3 -0.4	-3.0 -3.3	41,267 28,980	41,667 28,675	39,514 27,708	56 344	1.0 -1.1	-5.2 -3.4
anville, IL	2,327	2,456	2,507	5.5	2.1	28,758	30,523	31,311	312	6.1	2.0
anville, VA	3,050	3,165	3,224	3.8	1.9	28,803	29,789	30,471	329	3.4	2.
avenport-Moline-Rock Island, IA-ILayton, OH	13,943 29,308	14,540 29,736	14,429 29,514	4.3 1.5	-0.8 -0.7	37,145 34,908	38,571 35,526	38,065 35,344	109 174	3.8 l 1.8	−1.: −0.:
ecatur, AL	4,685	4,884	4,794	4.2	-1.8	31,382	32,483	31,668	256	3.5	-0. -2.
ecatur, IL	4,109	4,241	4,219	3.2	-0.5	37,798	39,147	38,991	91	3.6	-0.
eltona-Daytona Beach-Ormond Beach, FLerver-Aurora-Broomfield, CO	15,895 116,354	15,964 120,044	15,610 117,356	0.4 3.2	-2.2 -2.2	31,869 47,501	32,098 48,010	31,479 45,982	269 19	0.7	-1. -4.
es Moines-West Des Moines, IA	22,732	23,552	23,524	3.6	-0.1	41,769	42,506	41,790	50	1.1	-1.
etroit-Warren-Livonia, MI	170,963	172,649	165,311	1.0	-4.3	38,362	39,028	37,541	96	1.7	-3
othan, AL	4,562	4,718 4,781	4,723	3.4	0.1	32,639	33,357	33,097	233	2.2	-0.
over, DEbuque, IA	4,626 3,133	3,266	4,909 3,232	3.3 4.2	2.7 -1.0	30,419 33,960	30,749 35,273	31,119 34,722	300 184	1.1 3.9	1. -1.
uluth, MN-WI	9,189	9,520	9,503	3.6	-0.2	33,550	34,595	34,387	197	3.1	-0.
urham-Chapel Hill, NC	19,556	20,092	20,107	2.7	0.1	40,809	40,927	40,116	62	0.3	-2
au Claire, WI	5,130	5,261	5,240	2.6	-0.4	32,594	33,193	32,745	237	1.8	-1.
Centro, CAizabethtown, KY	4,231 3,661	4,512 3,820	4,698 4,017	6.7 4.3	4.1 5.2	26,382 32,790	27,666 33,981	28,154 35,411	354 211	4.9 3.6	1. 4.
khart-Goshen, IN	6,615	6,457	6,051	-2.4	-6.3	33,344	32,263	30,180	265	-3.2	-6
mira, NY	2,788	2,942	2,899	5.5	-1.5	31,656	33,469	32,814	230	5.7	-2
Paso, TXe, PA	19,596 8,689	20,728 9,031	21,515 9,038	5.8 3.9	3.8 0.1	26,924 31,054	28,071 32,294	28,638 32,244	349 263	4.3 4.0	2 -0
igene-Springfield, OR	11,353	11,680	11,526	2.9	-1.3	32,924	33,522	32,244	203	1.8	-0 -2
vansville, IN-KY	12,217	12,737	12,691	4.3	-0.4	34,899	36,329	36,063	148	4.1	-0
irbanks, AK	3,537	3,833	3,833	8.4	0.0	36,105	38,969	38,856	99	7.9	-0
rgo, ND-MN	7,226 3,568	7,801 3,858	7,836 3,783	8.0 8.1	0.4 -1.9	37,566 29,173	39,812 31,518	39,159 30,479	78 283	6.0 8.0	-1. -3
yetteville, NC	12,828	13,838	14,745	7.9	6.6	36,544	39,054	40,917	95	6.9	-3 4
yetteville-Springdale-Rogers, AR-MO	14,373	14,818	14,664	3.1	-1.0	32,363	32,537	31,562	255	0.5	–3
agstaff, AZ	4,259	4,409	4,429	3.5	0.5	33,417	34,330	34,111	201	2.7	-0
int, MIorence, SC	12,529 6,301	12,646 6,528	12,562 6,517	0.9 3.6	-0.7 0.2	28,863 31,659	29,488 32,603	29,623 32,477	335 252	2.2 3.0	0 0
prence-Muscle Shoals, AL	4,220	4.377	4,392	3.7	0.3	29,481	30,433	30,446	315	3.2	0.
ond du Lac, WI	3,538	3,649	3,501	3.1	-4.1	35,601	36,541	34,984	141	2.6	-4.
ort Collins-Loveland, CO	11,112	11,378 8.937	11,150	2.4	-2.0	38,726	38,848	37,368	102	0.3	-3.
ort Smith, AR-OK	8,664 13,870	14,067	8,807 13,864	3.2 1.4	-1.5 -1.4	29,929 33,858	30,714 34,176	30,053 33,462	302 204	2.6 0.9	-2. -2.
esno, CA	27,117	27,994	28,120	3.2	0.5	30,472	30,997	30,724	297	1.7	
adsden, AL	2,993	3,098	3,096	3.5	-0.1	28,995	29,947	29,869	328	3.3	-0.
ainesville, FL	8,732 5,413	8,884 5,578	8,895 5,380	1.7 3.0	0.1	33,963	34,277	34,122 28,657	203 321	0.9	-0
ainesville, GAlens Falls, NY	4,087	4,248	4,249	3.9	-3.5 0.0	30,269 31,833	30,195 33,018	32,994	242	-0.2 3.7	-5. -0.
oldsboro, NC	3,416	3,557	3,628	4.1	2.0	30,150	31,364	31,877	290	4.0	1.
rand Forks, ND-MN	3,259	3,487	3,434	7.0	-1.5	33,673	35,855	35,328	159	6.5	-1
rand Junction, COrand Rapids-Wyoming, MI	4,811 25,596	5,203 26,076	4,996 25,661	8.1 1.9	-4.0 -1.6	34,792 33,038	36,665 33,582	34,197 32,983	140 227	5.4 1.6	6 1
reat Falls, MT	2,886	2,997	3,017	3.8	0.7	35,286	36,533	36,718	143	3.5	-1.
reeley, CO	6,780	7,068	6,906	4.2	-2.3	27,988	28,402	27,109	346	1.5	-4.
reen Bay, WI	10,917	11,204	11,048	2.6	-1.4	36,278	37,060	36,248	134	2.2	-2.
reensboro-High Point, NCreenville, NC	24,421 5,420	25,038 5,682	24,516 5,768	2.5 4.8	-2.1 1.5	35,074 31,361	35,405 32,179	34,300 32,094	179 268	0.9 2.6	-3 -0
reenville-Mauldin-Easley, SC	20,704	21,451	20,962	3.6	-2.3	33,558	34,044	32,773	207	1.4	_0 _3
ulfport-Biloxi, MS	8.669	8,427	8,486	-2.8	0.7	37,434	35,683	35,540	165	-4.7	-0
agerstown-Martinsburg, MD-WVanford-Corcoran, CA	8,398	8,757	8,826	4.3	0.8	32,142	33,135	33,161	239	3.1	0
arrisburg-Carlisle, PA	3,893 20,259	3,977 20,875	3,923 21,064	2.2 3.0	-1.3 0.9	26,369 38,241	26,734 39,106	26,371 39,231	357 93	1.4	-1 0
arrisonburg, VA	3,577	3,688	3,704	3.1	0.4	30,359	31,055	30,795	296	2.3	-0
artford-West Hartford-East Hartford, CT	59,198	60,458	59,402	2.1	-1.7	49,900	50,755	49,667	15	1.7	-2
attiesburg, MSickory-Lenoir-Morganton, NC	3,937 10,797	4,094 10,981	4,126 10,712	4.0 1.7	0.8 -2.5	28,346 29,984	29,036 30,230	28,831 29,317	340 319	2.4 0.8	-0 -3
nesville-Fort Stewart, GA	1,830	1,913	1,986	4.6	3.8	25,496	27,224	26,681	356	6.8	-2
olland-Grand Haven, MI	8,424	8,612	8,313	2.2	-3.5	32,551	33,009	31,735	243	1.4	-3
onolulu, HIot Springs, AR	39,258 3,190	40,809 3,253	41,282 3,221	4.0 2.0	1.2 -1.0	43,683 33,055	45,205 33,298	45,486 32,705	35 236	3.5 0.7	-1
ouma-Bayou Cane-Thibodaux, LA	7,361	7,910	7,725	7.5	-1.0 · -2.3	36,532	39,019	38,060	97	6.8	1 2
ouston-Sugar Land-Baytown, TX	248,161	262,484	255,635	5.8	-2.6	44,333	45,835	43,568	32	3.4	-4
ıntington-Āshland, WV-KY-OH	8,286 14,397	8,713 15,197	8,931	5.2	2.5	29,099	30,583	31,269 38.090	308	5.1	2
aho Falls, ID	3,975	4,142	15,476 4,076	5.6 4.2	1.8 -1.6	37,134 33,341	38,259 33,639	38,090	114 222	3.0 0.9	-0 -3
dianapolis-Carmel, IN	65,586	67,623	66,850	3.1	-1.1	38,633	39,297	38,339	88	1.7	-2
wa City, IA	5,441	5,716	5,784	5.1	1.2	37,092	38,273	37,985	113	3.2	-0
naca, NY	3,251	3,420	3,423	5.2	0.1	32,374	33,856	33,632	215	4.6	-0
ackson, MS	4,649 18,610	4,745 19,368	4,690 19,198	2.1 4.1	-1.2 -0.9	28,576 34,863	29,610 36,054	29,343 35,495	334 153	3.6 3.4	-0 -1
ackson, TN	3,543	3,668	3,634	3.5	-0.9	31,440	32,456	31,985	257	3.4	-1 -1
icksonville, FL	52,267	52,697	51,533	0.8	-2.2	40,171	40,028	38,801	71	-0.4	-3
acksonville, NC	6,016	6,758	7,730	12.3	14.4	36,771	39,932	44,664	74	8.6	11
anesville, WI	5,059 4,768	5,098 4,975	4,932 ₁ 5,027	0.8	-3.3	31,730 32,826	31,826 33,970	30,797 34,093	274	0.3	-3 0
	4.700	4.9/3	3,027	4.3	1.0	32,820			213	3.5	
hnson City, MO	5.768		6.059	41	0 0	20 830	30 682	30 605	304	20	٨
pheson City, TN	5,768 4,310	6,007 4,511	6,059 4,624 3,529	4.1 4.7	0.9 2.5	29,830 29,710	30,682 31,221 30,228	30,695 32,114	304 293 320	2.9 5.1	0 2 -2

Table J.1. Personal Income and Per Capita Personal Income by Metropolitan Area, 2007–2009—Continues

Kallemarco-Portage, M.			Pe	ersonal income	•				Per capita pe	ersonal income ¹		
Combaine Dauley L.	Area	Mil	llions of dollar	s				Dollars		Rank in United States	Percent ch precedin	
Carlos C		2007	2008	2009 °	2008	2009 °	2007	2008	20	009 °	2008	2009 P
Sames Crys. MO-NS Same Company	amazoo-Portage, MI										2.9	-2.
Gemerkerk-Psoc-Pichland, MA. 7,369 7,837 8,201 6,4 4,5 92,190 33,040 33,383 2 disease-Picher Findou, TX. 13,102 14,077 14,686 32,585 31,078 30,777 2 disease-Picher Findous, TX. 13,102 14,077 14,686 32,585 31,078											3.5	-0.
Bleen Fernips Fort Hood, TX											1.4	~1.
pageport-Bristo-Bristot-Bristo	newick-Pasco-Hichiand, WA			14.600						241 132	2.7 5.1	1. 4.
ngsion, NY	nenort-Rrietal-Brietal TN-VA									278	3.8	-0.
Langeller TN. 23,316 24,017 23,301 3.0 -0.9 34,180 34,696 34,008 10.000 34,008 10.000 34,008 10.000 10.										138	3.1	-1.
Normon March Mar	xville, TN									195	1.5	-1.
System N	omo, IN	3,297			-1.2	-5.7	33,035	32,752	31,078	248	-0.9	-5
Signetic L.											3.1	-0
Neighborn Neig											3.8	-2
ke Hawasu Citly-Kingman, A.Z										68	4.2	-3
elland-Wintler Haven, FL										162 359	4.3 2.5	
reaster, PA										254	0.5	
sing-Eat Lanning, M.											1.5	-2
edo, TX.	sing-East Lansing, MI	14,869	15,386								3.7	-(
Vegas Paralise, NV		5,088	5,387	5,410	5.9	0.4	22,041	22,831	22,409	364	3.6	
rentice, K.S. 3.519 3.608 3.637 2.5 0.8 31,028 31,443 31,253 2.6 0.0 0,000,000,000,000,000,000,000,000,0	Cruces, NM									352	4.6	
ton, OK. 3,752 3,959 4,161 5,55 5,1 32,764 35,272 36,748 1 1										75	-0.1	-
anon, PA											1.3	-
ston, ID-WA									36,748	185	7.7 2.7	_
Ston-Auburn, ME											3.1	_
											4.0	_
											0.4	_
In NE											0.7	
In UTI-ID	oln, NE			11,024				37,423	36,993	128	1.8	_
yview, YX.	Rock-North Little Rock-Conway, AR										-0.2	-
yivew, WA. 2,938 3,016 3,060 2,8 1,5 2,9,700 29,703 30,008 3 angles-Long Beach-Santa Ana, CA. 555,946 568,435 551,271 2,2 -3,0 43,801 44,519 42,818 3418-yrappet Control, KY-IN. 46,378 47,484 47,208 2,4 -0,6 37,491 37,995 37,509 1 yebroup, 10 yebr											3.0	-
Ángeles-Long Beach-Santa Ana, CA 555,946 568,435 551,271 2.2 -3.0 43,801 44,519 42,818 swile-Jefferson County, KY-IN. 46,378 47,484 47,200 2.4 -0.6 37,491 37,995 37,509 1 Jook, TX. 8,8426 8,812 8,899 4.6 1.0 31,306 32,447 32,166 32,216 </td <td>gview, TX</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>155</td> <td>5.5</td> <td>-</td>	gview, TX									155	5.5	-
sville_lefferson Courty, KY-IN	Angeles Long Book Conto Ang. CA										1.8	
cock, TX 8,8426 8,812 8,899 4,6 1,0 31,306 32,447 32,166 2,0 1,0 31,306 32,447 32,166 2,0 2,0 3,0 3,0 7,596 8,221 4,3 0,1 3,288 3,4147 3,4056 2,2 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1.6 1.3</td> <td>_</td>											1.6 1.3	_
hburg, VA											3.6	_
on, GÅ											3.4	
lera-Chrowchilla, CA. 3,808 3,914 3,913 2,8 0.0 26,225 26,524 26,326 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3											3.8	-
Son, W					2.8	0.0					1.1	_
hartan, KS.	ison, WI			24,480					42,946	39	1.6	-
kato-North Mankato, MN											1.6	-
sfield, OH. 3,645 3,717 3,651 2,0 -1,8 28,922 29,719 29,327 3 lien-Edinburg-Mission, TX 13,320 14,224 14,615 6.8 2,8 18,979 19,721 19,720 3 ford, OR 6,825 6,911 6,895 1.3 -0.2 34,409 34,506 34,256 1 ed, CA 6,802 6,810 6,699 0.1 -1,6 27,981 27,871 27,306 3 ed, CA 6,802 6,810 6,699 0.1 -1,6 27,981 27,871 27,306 3 gigan City-La Porte, IN 3,259 3,399 3,320 4.3 -2.3 29,528 30,689 29,987 3 aukee Waukesha-West Allis, WI 64,768 66,396 65,031 1.5 -6.1 49,590 53,968 49,441 aukee Waukesha-West Allis, WI 64,768 66,396 65,031 2.5 -2.1 41,926 42,824 41,696											6.2	
Illen-Edinburg-Mission, TX										169 330	4.8	_
brd, OR. 6,825 6,911 6,895 1.3 -0.2 34,409 34,506 34,256 1 pribit, TN-MS-AR 49,107 50,094 48,929 2.0 -2.3 38,050 38,577 37,495 1 ed, CA 6,802 6,810 6,699 0.1 -1.6 27,981 27,871 27,306 3 gan City-La Porte, IN 3,259 3,399 3,320 4.3 -2.3 29,528 30,689 29,987 3 and, TX 6,252 6,970 6,542 11,5 -6.1 49,590 53,968 49,441 aukee-Waukesha-West Allis, WI 64,768 66,396 63,96 50,31 2.5 -2.1 41,926 42,824 41,696 eapolis-St. Paul-Bloomington, MN-WI 150,181 154,282 149,594 2.7 -3.0 46,870 34,772 1 ie, AL 11,947 12,506 15,977 15,866 2.4 -0.6 30,816 31,485 31,126 2.	Ion Edinburg Mission TV										2.8 3.9	-
phis, TN-MS-AR	ford OR										0.3	_
ied, CA in-Fort Lauderdale-Pompano Beach, FL 234,822 236,645 229,380 0.8 3.1 229,528 30,689 29,987 3,399 3,320 4.3 2.3 2.9,528 30,689 29,987 3,399 3,320 4.3 2.3 2.9,528 30,689 29,987 3,399 3,320 4.3 2.3 2.9,528 30,689 29,987 3,399 3,320 4.3 2.3 2.9,528 30,689 29,987 3,399 3,320 4.3 2.3 2.3 2.5 3.668 49,441 30,10 41,926 42,824 41,696 43,875 44,971 42,	onhis TN-MS-AR										1.4	_
ni-Fort Lauderdale-Pompano Beach, FL	ed. CA										-0.4	-
sigan City-La Porte, IN	ni-Fort Lauderdale-Pompano Beach, FL							43,013	41,352	42	0.1	-
land, TX auklee-Waukesha-West Allis, WI 64,768 66,396 66,396 65,031 2.5 -2.1 41,926 42,824 41,696 neapolis-St. Paul-Bloomington, MN-WI 150,181 154,282 149,594 2.7 -3.0 46,870 47,653 45,750 3,770 2.6 -0.1 34,758 35,108 34,712 1 31,947 12,506 12,544 4.7 0.3 29,481 30,567 30,468 33 1esto, CA. 15,605 15,977 15,886 2.4 -0.6 30,816 31,485 31,126 120,000 11,11 31,031 32,204 32,365 20,000 11,11 31,031 32,204 32,365 20,000 11,11 31,031 32,204 32,365 20,000 11,11 31,031 32,204 32,365 20,000 11,11 31,031 32,204 32,365 20,000 11,11 31,031 32,204 32,365 20,000 11,11 31,031 32,204 32,365 20,000 11,11 31,031 32,204 32,365 20,000 11,11 31,031 32,204 32,365 20,000 11,11 31,031 32,204 32,365 20,000 11,11 31,031 32,204 32,365 20,000 11,11 31,031 32,204 32,365 20,000 11,11 31,031 32,204 32,365 20,000 11,11 31,031 32,204 32,365 20,000 11,11 31,031 32,204 32,365 20,000 11,11 31,031 32,204 32,365 20,000 11,11 31,031 32,204 32,365 20,000 11,11 31,031 32,040 32,365 20,000 32,011 32,011 33,397 32,547 20,000 33,011 33,397 33,412 20,000 33,011 33,397 33,413 31,000 37,	higan City-La Porte, IN										3.9	-
neapolis-St. Paul-Bloomington, MN-WI 150,181 154,282 149,594 2.7 -3.0 46,870 47,653 45,750 soula, MT 3,679 3,776 2.6 -0.1 34,758 35,108 34,712 1 1 1,914 12,506 12,544 4.7 0.3 29,481 30,567 30,468 3 1,914 1,914 12,506 12,544 4.7 0.3 29,481 30,567 30,468 33 1,916 2,916 1,917 1,918 1,	and, TX										8.8	-
oule, MT 3,679 3,776 3,770 2,6 0,-1 34,786 35,108 34,712 1 1 1 1 1,947 12,506 12,544 4,7 0,3 29,481 30,567 30,468 3 1 1,947 12,506 12,544 4,7 0,3 29,481 30,567 30,468 3 1 1,947 12,506 12,544 4,7 0,3 29,481 30,567 30,468 3 1,048 1 1,049 1											2.1	-
lie, AL.											1.7	
testo, CA. 15,605 15,977 15,886 2.4 -0.6 30,816 31,485 31,126 22,126 32,126 32,204 32,205 32,205 32,205 32,205 32,205 32,205 32,205 32,205 32,205 33,111 33,397 32,547 32,205 33,111 33,397 32,547 32,205 33,111 33,397 32,547 32,205 33,111 33,397 32,547 32,205 33,111 33,397 32,547 32,205 33,111 33,397 32,547 32,205 33,111 33,397 32,547 32,205 33,111 33,397 32,547 32,205 33,111 33,397 32,547 32,205 33,111 33,397 33,468 34,412 22,205 33,111 32,205 32,2											1.0 3.7	
roe, I.A.											2.2	_
roe, MI	roe, LA										3.8	
Name	roe, MI										0.9	
istown, TN											3.1	
nt Vernon-Anacortes, WA											4.7	
sie, IN 3,271 3,372 3,393 3,1 0,6 28,368 29,349 29,455 3 kegon-Norton Shores, MI 4,773 4,899 4,819 2,6 -1,6 27,390 28,062 27,703 3 a, CA 6,820 6,969 6,809 2,2 -2,3 51,684 52,169 50,569 es-Marco Island, FL 20,140 19,739 18,933 60,548 3,1 -2,2 39,378 39,768 38,266 Haven-Milford, CT 38,551 36,673 39,114 2,9 -1,4 45,697 46,918 46,125 Orleans-Metairie-Kenner, LA 48,912 48,775 47,419 -0,3 -2,8 44,088 41,740 39,849 York-Northern New Jersey-Long Island, NY-NJ-PA 1,018,093 1,041,636 998,777 2,3 -4,1 32,867 33,669 33,151 2 -Benton Harbor, MI 5,239 5,398 5,320 3,0 -1,4 32,767 33,669 33,151 2 -In-New London, CT 12,063 12,341 12,296 2,3 -0,4 45,610 46,426 46,082	istown, IN	3,611				-1.2	25,750	27,415	26,886	355	2.5	-
kegon-Norton Shores, MI											1.9 3.5	-
le Beach-North Myrtle Beach-Conway, SC	kegon-Norton Shores MI										2.5	-
a, CA											-1.1	-
es-Marco Island, FL 20, 140 19,739 18,331 -2.0 -7.1 64,251 62,559 57,548 viller Davidson-Murlreesboro-Franklin, TN 60,049 61,893 60,548 3.1 -2.2 39,378 39,768 38,266 Hawen-Milliord, CT 39,573 39,114 2.9 -1.4 45,697 46,918 46,125 Orleans-Metairie-Kenner, LA 48,912 48,775 47,419 -0.3 -2.8 44,088 41,740 39,849 Vork-Northern New Jersey-Long Island, NY-NJ-PA 5,239 5,398 5,320 3.0 -1.4 32,767 33,669 33,151 29,100. Profit Bradenton-Sarasota, FL 33,661 33,413 31,968 -0.6 -4.3 49,220 48,713 46,456 Vich-New London, CT 12,063 12,341 12,296 2.3 -0.4 45,610 46,426 Vich-New London, CT 12,063 12,341 12,296 2.3 -0.4 45,610 46,426 Vich-New London, CT 12,063 12,341 12,296 2.3 -0.4 45,610 46,426 Vich-New London, CT 12,063 12,341 12,296 2.3 -0.4 45,610 46,426 Vich-New London, CT 12,063 12,341 Vich-New London, CT 13,064 Vich-New London, CT 13,064 Vich-New London, CT 14,064 Vich-New London, CT 14,064 Vich-New London, CT 14,064 Vich-New London, CT 14,064 Vich-New London, CT 14,064 Vich-New London, CT 14,064 Vich-New London, CT 14,064 Vich-New London, CT 14,064 Vich-New London, CT 14,064 Vich-New London, CT 14,064 Vich-New London, CT 14,064 Vich-New London, CT 14,064 Vich-New London, CT 14,064 Vich-New London, CT 14,064 Vich-New London, CT 14,064 Vich-New London, CT 14,064		6,820	6,969								0.9	-
Haven-Millord, CT 38,551 39,673 39,114 2.9 -1.4 45,697 46,918 46,125 Orleans-Metairie-Kenner, LA 48,912 48,775 47,419 -0.3 -2.8 44,088 41,740 39,849 York-Northern New Jersey-Long Island, NY-NJ-PA 1,018,093 1,041,636 998,777 2.3 -4.1 53,864 54,914 52,375 :Benton Harbor, MI 5,239 5,398 5,320 3.0 -1.4 32,767 33,669 33,151 2 n Port-Bradenton-Sarasota, FL 33,611 33,413 31,433 31,298 -0.6 -4.3 49,220 48,713 46,456 vich-New London, CT 12,063 12,341 12,296 2.3 -0.4 45,610 46,425 46,082	es-Marco Island, FL					-7.1				3	-2.6	-
Orleans-Metairie-Kenner, LA											1.0	-
York-Northern New Jersey-Long Island, NY-NJ-PA 1,018,093 1,041,636 998,777 2.3 -4.1 53,864 54,914 52,375 •Benton Harbor, MI 5,239 5,398 5,320 3.0 -1.4 32,767 33,669 33,151 2 h Port-Bradenton-Sarasota, FL 33,611 33,413 31,968 -0.6 -4.3 49,220 48,713 46,456 vich-New London, CT 12,063 12,341 12,296 2.3 -0.4 45,610 46,426 46,082				39,114				46,918			2.7	-
-Benton Harbor, MI											-5.3	-
h Port-Bradenton-Sarasota, FL											1.9	-
vich-New London, CT	b Port Bradonton Saragota El	32,614								219	2.8 -1.0	-
											1.8	_
<u> </u>											1.3	_
											3.2	
											7.8	
len-Clearfield, UT	len-Clearfield, UT		17,416						32,017	246	0.6	-
ahoma City, OK	ahoma City, OK	44,274	46,951	46,525	6.0	-0.9	37,166	38,882	37,909	100	4.6	-
mpia, WA	mpia, WA								39,597	72	1.3	-
aha-Council Bluffs, NE-IA	aha-Council Bluffs, NE-IA										2.0	-
											0.4	-
	kosn-Neenah, WI										2.7 5.5	-

Table J.1. Personal Income and Per Capita Personal Income by Metropolitan Area, 2007–2009—Continues

		Pe	ersonal income	9			F	er capita perso	nal income 1		
Area	Mil	lions of dollar	s	Percent chapreceding			Dollars	Ui	Rank in nited States	Percent cha preceding	
	2007	2008	2009 P	2008	2009 P	2007	2008	2009	р	2008	2009 p
xnard-Thousand Oaks-Ventura, CA	37,192	37,185	36,651	0.0	-1.4	47,098	46,787	45,643	27	-0.7	-2.4
alm Bay-Melbourne-Titusville, FL	19,501	19,863	19,734	1.9	-0.6	36,491	37,035	36,793	135	1.5	-0.7
alm Coast, FL	2,759	2,879	2,832	4.3	-1.6	31,324	31,741	30,912	275	1.3	-2.6
anama City-Lynn Haven-Panama City Beach, FL	5,670	5,808	5,859	2.4	0.9	34,723	35,459	35,560	176	2.1	0.0 0.9
arkersburg-Marietta-Vienna, WV-OHascagoula, MS	4,875 5,128	5,082 5,194	5,130 5,227	4.3 1.3	0.9 0.7	30,291 33,516	31,580 33,613	31,879 33,594	281 224	4.3 0.3	-0.
ensacola-Ferry Pass-Brent, FL	14,700	15,107	15,290	2.8	1.2	32,643	33,338	33,596	234	2.1	0.8
eoria, IL	14,598	15,199	14,872	4.1	-2.1	39,345	40,787	39,568	65	3.7	-3.0
hiladelphia-Camden-Wilmington, PA-NJ-DE-MD	265,838	272,829	271,943	2.6	-0.3	44,961	45,927	45,565	31	2.1	-0.
hoenix-Mesa-Glendale, AZ	153,131	155,014	149,611	1.2	-3.5	36,673	36,156	34,282	150	-1.4	-5 .
ne Bluff, AR	2,803	2,907	2,937	3.7	1.0	27,519	28,698	29,170	343	4.3	1.
ttsburgh, PA	95,780	99,172	99,418	3.5	0.2	40,634	42,104	42,216	53	3.6	0.
ittsfield, MA	5,462	5,602	5,590	2.6	-0.2	41,941	43,237	43,240	41	3.1	0.
ocatello, IDortland-Biddeford, ME	2,480 20,733	2,554 21,427	2,537 21,434	3.0 3.3	-0.7 0.0	28,226 40,353	28,702 41,522	28,102 41,473	342 57	1.7 2.9	-2. -0.
ortland-Vancouver-Hillsboro, OR-WA	85,339	88,022	86,822	3.1	-1.4	39,443	39,942	38,728	73	1.3	-3.
ort St. Lucie, FL	16,128	16,099	15,527	-0.2	-3.6	40,389	39,777	38,216	81	-1.5	-3.
oughkeepsie-Newburgh-Middletown, NY	26,126	26,961	26,598	3.2	-1.3	39,109	40,119	39,282	69	2.6	-2.
rescott, AZ	6,345	6,450	6,228	1.7	-3.4	29,930	30,011	28,877	326	0.3	-3.
rovidence-New Bedford-Fall River, RI-MA	63,409	65,391	65,291	3.1	-0.2	39,643	40,887	40,790	64	3.1	-0.
rovo-Orem, UT	12,369	12,853	12,684	3.9	-1.3	23,675	23,814	22,832	363	0.6	-4.
ueblo, CO	4,518	4,768	4,867	5.5	2.1	29,270	30,564	30,959	310	4.4	1.
unta Gorda, FL	5,567	5,574	5,417	0.1	-2.8	35,408	35,337	34,516	182	-0.2	-2.
acine, WI	7,255	7,406	7,220	2.1	-2.5	36,346	37,012	35,992	136 85	1.8	-2. -4.
aleigh-Cary, NCapid City, SD	41,897 4,414	43,182 4,622	42,611 4,632	3.1 4.7	-1.3 0.2	40,059 36,603	39,602 37,669	37,849 37,129	125	-1.1 2.9	-4. -1.
eading, PA	14,306	14,675	14.645	2.6	-0.2	35,545	36,256	35.971	149	2.0	-0.
edding, CA	6,144	6,233	6,243	1.4	0.2	34,260	34,527	34,473	198	0.8	-0.
eno-Sparks, NV	19,464	19,553	18,442	0.5	-5.7	47,401	46,929	43,986	25	-1.0	-6.
ichmond, VA	50,735	51,918	51,065	2.3	-1.6	41,844	42,309	41,242	51	1.1	-2.
iverside-San Bernardino-Ontario, CA	122,811	125,379	124,004	2.1	-1.1	30,332	30,634	29,930	307	1.0	-2.
oanoke, VA	11,186	11,576	11,465	3.5	-1.0	37,667	38,727	38,166	107	2.8	-1.
ochester, MN	7,524	7,741	7,808	2.9	0.9	41,624	42,208	42,066	52	1.4	-0.
ochester, NY	39,852	41,132	40,586	3.2	-1.3	38,635	39,812	39,192	79	3.0	-1.
ockford, IL	11,395 4,486	11,646	11,289 4,585	2.2	-3.1	32,486	32,955	31,915	245 280	1.4	−3. −1.
locky Mount, NC	2,949	4,635 3,065	3,035	3.3 3.9	-1.1 -1.0	30,828 31,003	31,631 32,032	31,276 31,535	270	2.6 3.3	-1. -1.
acramento-Arden-Arcade-Roseville, CA	84,193	86,397	85,596	2.6	-0.9	40,572	41,119	40,236	59	1.3	-1. -2.
aginaw-Saginaw Township North, MI	5,894	6,054	6,074	2.7	0.3	29,177	30,143	30.363	322	3.3	0.
t. Cloud, MN	6,061	6,340	6,376	4.6	0.6	32,571	33,782	33,706	217	3.7	-0.
t. George, UT	3,473	3,512	3,425	1.1	-2.5	26,252	25,886	24,912	361	-1.4	-3.
t. Joseph, MO-KS	3,759	3,957	4,036	5.3	2.0	29,896	31,392	31,869	289	5.0	1.
t. Louis, MO-IL	112,948	117,886	114,127	4.4	-3.2	40,247	41,823	40,342	54	3.9	-3.
alem, OR	11,986	12,504	12,611	4.3	0.9	31,126	32,016	31,837	271	2.9	-0.
alinas, CA	17,019	17,385	17,382	2.2	0.0	42,322	42,857	42,356	46	1.3	-1.
Salisbury, MD	3,768	3,915	3,952	3.9	0.9	31,516	32,628	32,881	251 115	3.5	0. -3.
alt Lake City, UTan Angelo, TX	41,551 3,495	42,505 3,675	41,805 3,659	2.3 5.1	-1.6 -0.4	38,030 32,291	38,237 33,666	36,986 33,229	220	0.5 4.3	-3. -1.
an Antonio-New Braunfels, TX	68,213	70,947	71,489	4.0	0.4	34,368	34,937	34,500	189	1.7	-1. -1.
an Diego-Carlsbad-San Marcos, CA	136,616	140.847	139.345	3.1	-1.1	45,911	46.649	45.630	28	1.6	-2
andusky, OH	2,770	2,840	2,801	2.5	-1.4	35,807	36,717	36,389	139	2.5	-0.
an Francisco-Oakland-Fremont, CA	263,201	266,680	257,761	1.3	-3.3	62,634	62,598	59,696	2	-0.1	-4
an Jose-Sunnyvale-Santa Clara, CA	105,576	105,979	101,926	0.4	-3.8	59,365	58,531	55,404	4	-1.4	-5
an Luis Obispo-Paso Robles, CA	10,565	10,774	10,654	2.0	-1.1	40,372	40,635	39,905	66	0.7	-1.
anta Barbara-Santa Maria-Goleta, CA	19,089	19,358	18,976	1.4	-2.0 -2.5	47,664	47,957	46,619	20	0.6	-2 -3
anta Cruz-Watsonville, CAanta Fe, NM	12,924 6,335	12,935 6,531	12,612 6,344	0.1 3.1	-2.5 -2.9	51,669 44,186	51,140 44,927	49,222 43,002	14 36	-1.0 1.7	-3 -4
anta Rosa-Petaluma, CA	22,116	22,274	21,465	0.7	-2.9 -3.6	44,186	44,927	43,002 45,467	22	-0.4	-4 -4
aria nosa-retaluma, oa	12,473	13,109	13,103	5.1	0.0	37,853	39,183	38,190	90	3.5	-4 -2
cranton-Wilkes-Barre, PA	18,807	19,445	19,747	3.4	1.6	34,244	35,399	35,940	181	3.4	1
eattle-Tacoma-Bellevue, WA	164,759	169,798	166,902	3.1	-1.7	49,816	50,586	48,976	16	1.5	-3
ebastian-Vero Beach, FL	7,714	7,669	7,201	-0.6	-6.1	58,074	57,107	53,277	5	-1.7	-6
eboygan, WI	4,365	4,436	4,319	1.6	-2.6	38,247	38,755	37,705	104	1.3	-2
nerman-Denison, TX	3,509	3,625	3,598	3.3	-0.7	29,687	30,516	29,979	313	2.8	-1
hreveport-Bossier City, LAoux City, IA-NE-SD	13,176 4,641	13,884	13,895	5.4 7.3	0.1	33,988	35,657	35,491	166 190	4.9 6.7	-0 -2
oux Falls, SD	8,887	4,980 9,290	4,924 9,278	7.3 4.5	-1.1 -0.1	32,693 38.985	34,885 39,786	34,110 38,964	80	2.1	-2 -2
outh Bend-Mishawaka, IN-MI	10,844	11,130	10,837	4.5 2.6	-0.1 -2.6	38,985 34,215	34,986	34,127	188	2.1	-2
partanburg, SC	8,305	8,619	8,460	3.8	-2.6 -1.8	30,012	30,506	29,494	314	1.6	-2 -3
pokane, WA	15,133	15,727	15.846	3.9	0.8	33,172	34,011	33,810	208	2.5	_0 _0
pringfield, IL	7,855	8,219	8,350	4.6	1.6	38,063	39,646	40,109	83	4.2	1
	25,367	26,485	26,779	4.4	1.1	36,514	38,006	38,316	119	4.1	0
pringileid, MA				0.0	0.0		31,496	31,208	285	1.7	
pringfield, MO	13,005	13,421	13,448	3.2	0.2	30,966					
pringfield, MA pringfield, MO pringfield, OH	4,406	4,518	4,563	2.5	1.0	31,432	32,314	32,673	262	2.8	1
Springfield, MO				3.2 2.5 3.8 5.6		31,432 32,444 29,400					-0. 1. 1. -0.

Table J.1. Personal Income and Per Capita Personal Income by Metropolitan Area, 2007–2009—Table Ends

		Pi	ersonal income	:			1	Per capita pe	rsonal income 1		
Area	Mil	lions of dollar	rs .	Percent ch preceding			Dollars		Rank in United States	Percent cha	
	2007	2008	2009 °	2008	2009 P	2007	2008	20	09 P	2008	2009 P
Sumter, SC	2,946	3,057	3,099	3.7	1.4	28,271	29,302	29,653	338	3.6	1.2
Syracuse, NY	23,069	23,852	23,766	3.4	-0.4	35,797	36,980	36,784	137	3.3	-0.5
Tállahassee, FL	11,767	12,015	11,977	2.1	-0.3	33,283	33,639	33,268	223	1,1	-1.1
Tampa-St. Petersburg-Clearwater, FL	101,211	102,407	101,045	1.2	-1.3	37,331	37.512	36,780	127	0.5	-2.0
Terre Haute, IN	4,842	5.035	5.094	4.0	1.2	28,482	29.652	29,995	333	4.1	1.2
Texarkana, TX-Texarkana, AR	4,210	4,397	4.386	4.4	-0.3	31,311	32.338	31,900	261	3.3	-1.4
Toledo, OH.	22,282	22,560	22,230	1.3	-1.5	32,993	33,505	33.069	229	1.6	-1.3 -1.3
Topeka, KS	7,884	8,176	8,241	3.7	0.8	34,487	35,581	35,704	172	3.2	0.3
Trenton-Ewing, NJ	19.317	20,113	19.601	4.1	-2.5	53,156	55,170	53,704	8	3.8	-3.0
Tucson, AZ	33.112	34.393	33,930		-2.5 -1.3						
				3.9		33,225	34,058	33,259	206	2.5	-2.3
Tulsa, OK		37,540	36,642	4.9	-2.4	39,524	40,981	39,442	61	3.7	-3.8
Tuscaloosa, AL	6,750	7,016	6,942	3.9	-1.1	32,737	33,587	32,926	226	2.6	-2.0
Tyler, TX	6,996	7,333	7,228	4.8	-1.4	35,329	36,456	35,316	144	3.2	-3.1
Utica-Rome, NY	9,275	9,656	9,698	4.1	0.4	31,614	32,975	33,069	244	4.3	0.3
Valdosta, GA	3,644	3,899	3,967	7.0	1.7	27,982	29,169	29,211	339	4.2	0.1
Vallejo-Fairfield, CA	15,606	16,025	16,153	2.7	0.8	38,440	39,442	39,666	86	2.6	0.6
Victoria, TX	3,902	4,091	3.922	4.9	-4.1	34.392	35,809	33,989	160	4.1	-5.1
Vineland-Millville-Bridgeton, NJ	4.725	4,973	5.099	5.3	2.5	30,405	31,721	32,326	276	4.3	1.9
Virginia Beach-Norfolk-Newport News, VA-NC	63,748	65,639	66.434	3.0	1.2	38,135	39,300	39,674	87	3.1	1.0
Visalia-Porterville, CA	11,757	12,083	11,956	2.8	-1.1	28,248	28.610	27,827	345	1.3	-2.7
Waco, TX	6.809	7.098	7,172	4.3	1.0	29.830	30.748	30.731	301	3.1	-0.1
Warner Robins, GA	4,195	4.348	4.495	3.7	3.4	31.949	32,577	33,121	253	2.0	1.7
Washington-Arlington-Alexandria, DC-VA-MD-WV	296,134	305,595	309,088	3.2	1.1	55.737	56.824	56.442	253	2.0	-0.7
Waterloo-Cedar Falls, IA	5,596	5,900	5,937	5.4	0.6	34,449	36,053	36,002	154	4.7	-0.7 -0.1
Wausau, WI	4,701	4.788	4,660	1.8		36,162	36,536	35,409			
Wenatchee-East Wenatchee, WA		3,545			-2.7				142	1.0	-3.1
	3,352		3,569	5.8	0.7	31,330	32,737	32,464	249	4.5	-0.8
Wheeling, WV-OH	4,478	4,705	4,760	5.1	1.2	30,682	32,454	32,911	258	5.8	1.4
Wichita, KS	22,642	23,650	23,112	4.5	-2.3	38,032	39,207	37,723	89	3.1	-3.8
Wichita Falls, TX		5,301	5,210	5.0	−1.7 [†]	34,065	35,910	35,344	157	5.4	-1.6
Williamsport, PA	3,529	3,657	3,733	3.6	2.1	30,208	31,344	31,950	291	3.8	1.9
Wilmington, NC	11,445	11,784	11,728	3.0	-0.5	33,709	33.858	33,082	214	0.4	-2.3
Winchester, VA-WV	4,041	4,168	4,162	3.1	-0.1	33,362	33.994	33,568	210	1.9	-1.3
Winston-Salem, NC	16,839	17,187	16,891	2.1	-1.7	35.676	35,801	34,832	161	0.4	-2.7
Worcester, MA	33,034	34,252	33,994	3.7	-0.8	41,498	42.850	42,296	47	3.3	~1.3
Yakima, WA	6,726	7,202	7,269	7.1	0.9	28.955	30,661	30,409	306	5.9	-0.8
York-Hanover, PA	14,700	15,179	15.159	3.3	-0.1	34.868	35.651	35.340	167	2.2	-0.9
Youngstown-Warren-Boardman, OH-PA	17,870	18.075	17,794	1.1	-1.6	31,289	31,911	31,608	273	2.0	-0.9
Yuba City, CA	4,824	5.043	5,157	4.5	2.3	29,559	30,562	31,006	311		1.9
	4,624	4.840	5,137	3.3	3.8	29,559	25.041	25,496	362	3.4	1.8
Yuma, AZ	4,086	4,540	5,022	3.3	3.8	24,768	∠5,041	25,496	362	1.1	1.8

Per capita personal income was computed using Census Bureau midyear population estimates.
 Percent change calculated from unrounded data.
 The metropolitan area definitions used by BEA for its personal income estimates are the county-based definitions issued by the Office of Management and Budget as of December 2009, for federal statistical purposes.

Note. The personal income level shown for the United States is derived as the sum of the metropolitan-area estimates and an estimate for the nonmetropolitan portion of the United States. It differs from the estimate of personal income in the national innoome and product accounts because of differences in coverage, in the methodologies used to prepare the estimates, and in the timing of the availability

Table J.2. Gross Domestic Product by Metropolitan Area for Industries, 2008 *—Continues [Millions of Dollars]

	ı				[IVIIIIV	ons of Dollars	·1								
Metropolitan area	Rank of total GDP by metropolitan area	Total	Natural resources and mining	Con- struction	goods	Nondurable goods manu- facturing	Trade	Transpor- tation and utilities	Infor- mation	Financial activities	Pro- fessional and business services	Education and health services	Leisure and hospitality	Other services	Government
J.S. metropolitan portion		12,724,270	320,681	519,622	774,954	608,956	1,534,378	621,329	597,506	2,705,621	1,725,056	1,045,444	480,217	287,801	1,502,703
Abilene, TX	244 75	5,594	791 184	294 938	(D) (D)	(D) (D)	783 4,423	(D) 1,485	(D) 622	499	(D) 4,643	(D) 2,682	(D) 782	177 659	1,198
Akron, OHAlbany, GA	279	28,052 4,687	124	(D)		(D)		212	(D)	3,516 375	364	501	126	141	3,101
Albany-Schenectady-Troy, NY	56	39,258	187	1,580	l (D)	(D)	(D)	1,578	1,350	(D)	5,739	4,227	1,175	1,022	8,040
Nbuquerque, NM	60 265	34,859 i 5,096	(D) 187	1,767 269	(D) (D)	(D) (D)	(D) (D) (D) (D)	(D) (D)	(D) 87	5,914 474	5,200 413	2,942 678	1,221 (D)	(D) 121	6,119 1,008
Illentown-Bethlehem-Easton, PA-NJ	70	29,715	134	1,300	(D)	(D)	(D)	(D)	1,169	3,884	3,973	3,883	920	836	2,673
kitoona, PA	298 173	4,216 9,793	86 1,228	145	249 (D)	387	72Ó 1,426	469 664	103 284	386 995	293 740	586	135 318	127	530 1,208
marillo, TX	314	3,832	60	(D) 117	256	(D) 662	330	74	59	441	236	(D) 225	108	(D) 62	1,202
inchorage, AK	81	26,316	7,496	1,201	88	102	(D)	(D)	790	3,304	2,051	1,612	784	425	4,114
nderson, INnderson, SC	344 281	3,225 4,642	59 25	92 262	(D) 938	(D) 548	384 654	175 158	54 35	370 385	177 239	371 305	186 172	97	402 789
nn Arbor, Ml	108	17,891	17	363	1,305	477	1,724	1,360	500	2,478	2,684	1,568	462	340	4,610
nniston-Oxford, ALppleton, WI	312 182	3,918 9,323	27 200	92 657	620 831	164 1,423	611 1,313	161 301	111 332	215 1,396	330 805	268 809	120 256	96 234	1,100
sheville, NC	141	13,437	140	741	(D)	(D)	1,711	570	253	2,132	1,069	1,779	788	355	1,68
thens-Clarke County, GA	228	6,256	(D) 873	210 (D)	361	560	702	(D)	(D) 22,498	815 56,492	388 41,019	(D) 16,977	229 9,155	153	1,70
tlanta-Sandy Springs-Marietta, GAtlantic City-Hammonton, NJ	10 135	269,799 13,966	83	755	(D) 165	(D) 141	(D) 1,449	18,011 466	183	2,173	1,024	1,186	4,282	5,063 262	25,47 1,79
uburn-Opelika, AL	334	3,559	63	158	354	196	427	154	53	501	210	190	154	93	1,00
ugusta-Richmond County, GA-SCustin-Round Rock, TX	109 37	17,823 80,077	161 (D)	915 3,940	(D) 8,275	(D) 2,072	(D) 12,760	965 1,339	350 4,896	1,555 12,197	2,578 (D)	1,495 5,295	(D) 3,005	427 2,179	4,39 10.94
akersfield, CA	77	27,765	7.103	1,253	604	1,355	3,008	1,580	398	2,550	2,099	1,678	691	666	4,77
altimore-Towson, MD	19	133,012	(D) 83	6,765	(D) 198	(D) 213	(D) 899	(D) 412	4,157	24,154	20,135	14,498	4,614	3,265	24,11
angor, MEarnstable Town, MA	257 193	5,287 8,583	46	225 527	(D)	(D)	1,026	279	168 204	683 2,241	376 856	880 1,066	179 772	133	83 1.10
aton Rouge, LA	57	39,161	939	3,082	(D)	(D)	(D) 528	2,086	(D)	4,500	4,007	2,475	1,121	(D)	4,93
attle Creek, MIay City, MI	272 356	4,894 2,828	21 (D)	150 76	608 201	1,039 200	528 395	213 (D)	68 72	424 292	367 (D)	498 343	134 138	129 114	71
eaumont-Port Arthur, TX	124	15,255	300	1,650	1,040	3,363	1,812	817	245	722	1,759	1,168	407	362	1,60
ellingham, WA	209	7,436	303	553	461	735 73	1,152	234	164	1,131	573	612	309	213	99
end, ORIllings, MT	230 219	6,235 6,688	27 661	376 381	405 (D)	(D)	648 1,169	205 485	261 160	1,900 (D)	565 (D)	692 824	337 298	147 159	59 65
nghamton, NY	201	7,673	73	323	921	284	1,062	481	205	893	644	885	278	189	1,43
irmingham-Hoover, ALismarck, ND	49 292	54,274 4,404	1,919 81	2,715 212	(D) 244	(D) 130	(D) 628	4,238 332	(D) 119	10,839 631	5,494 443	4,810 615	1,391 158	(D)	5,83 68
lacksburg-Christiansburg-Radford, VA	268	4,945	21	(D)	(D)	(D)	(D) (D)	203	64	513	379	326	. (D)	128	1,20
loomington, IN	240 196	5,784	125 117	196 254	(D) 254	(D) 202	(D) 757	(D) 251	(D) 138	675	468	545 598	210 278	(D) 179	1,24 ⁻ 79!
loomington-Normal, ILoise City-Nampa, ID	87	8,286 24,032	483	1,244	(D)	202 (D)	3,306	1,208	590	2,840 4,804	1,623 3,390	2,111	755	451	2,82
oston-Cambridge-Quincy, MA-NH	9	299,590	623	10,272	17,888	8,096	30,230	8,590	15,630	78,013	57,022	33,663	10,042	5,758	23,76
oulder, COowling Green, KY	110 286	17,813 4,476	313 (D)	463 207	(D) (D)	(D) 433	1,952 (D)	249 167	1,731 (D)	2,437	3,929 528	1,302 430	591 170	413 (D)	2,06
radenton-Sarasota-Venice, FL	. 88	23,828	(D) 482	1,679	985	517	3,220	521	620	5,492	3,518	2,542	1.398	760	2,09
remerton-Silverdale, WAridgeport-Stamford-Norwalk, CT	192 35		59 (D)	378 (D)	124 4,651	13 4,727	881	172	142 3,583	1,236	627	722 5,054	270 2,254	1,339	
rownsville-Harlingen, TX	204	7,557	232	271	364	177	7,868 1,012	3,378 385	193	29,659 791	13,374 496	1,255	350	247	1,78
runswick, GA	342	3,297	37	177	87	248	(D)	152	(D)	390	213	245	405	92	81
luffalo-Niagara Falls, NY	55 290		229 9	1,519 217	3,546 441	4,101 550	5,503 624	1,849 122	1,012	6,991 562	5,669 604	4,369 555	1,757 170	1,010	
Jurlington-South Burlington, VT	165	10,274	124	(D)	(D)	(D)	(D)	360	(D)	(D)	1,020	(D)	(D)	213	1,46
anton-Massillon, OH	145 94	13,125 21,143	404 103	535 1,952	2,372 378	734 96	1,872 2,865	608 580	235 1,340	1,792 5,500	893 2,098	1,623 1,546	405 1,279	395 625	
ape Girardeau-Jackson, MO-IL	350		(D)	122	(D) 231	(D)	(D) 341	(D)	100	266	2,050	(D)	123	82	38
Carson City, NV	349 221		(D) (D)	(D) 248		30		(D)	46	617	212	204	215	73	
Casper, WY	148	6,453 12,510	(D) 269	576	100 1,447	59 953	802 1.470	(D) 1,137	56 711	613 2,482	244 862	383 982	134 322	135 269	1.03
hampaign-Urbana, IL	197	8,217	134	343	(D)	(D)	897	347	271	1,379	623	874	286	183	2,12
harleston, WV harleston-North Charleston-Summerville, SC	129		1,740 95	(D) 1,371	(D) (D)	(D) (D)	(D) (D)	1,237 (D)	(D) 780	(D) 4,437	1,437 3,158		386 1,373		2,03 5,28
Charlotte-Gastonia-Concord, NC-SC	21	118,350	393	4,467	5,826	8,082	12,946	5,874	5,429	43,577	13,846	5,212	3,417	1,669	7,61
harlottesville, VAhattanooga, TN-GA	185 97	8,872 20,781	283 66		(D) 1,585		(D) (D)	242 1,387	(D)	1,578 3,823	1,034 1,918		412 756	286 (D)	2,38 2,60
heyenne, WY	296	4,299	176	226	39	118	418	597	145	566	243	264	147	77	1,28
hicago-Naperville-Joliet, IL-IN-WI	3		1,296 330		(D) 139	(D)	(D)	27,872 304	(D) 129	123,682	86,372 449		18,484		43,77 97
hico, CA incinnati-Middletown, OH-KY-IN	234 29	6,067 98,750	249	273 (D)	(D)	156 (D)	824 (D) (D) (D)	4,584	(D)	1,169 17,479	16,055		225 3,811	(D)	9,07
larksville, TN-KY	174	9,695	223	(D) 238	(D)	(D) (D)	(D)	227	(D) (D) 36	702	533	481	232	(D) (D)	
leveland, TNleveland-Elyria-Mentor, OH	336 26	3,530 104,425	54 1,054	(D) 2,956	502 (D)	494 (D)	(0)	110 (D)	2,664	542 22,927	271 13,813	410 9,772	109 3,248		
oeur d'Alene, ID	300	4,198	97	305	(D) 242	50	(D) 592	139	116	926	394	361	282	86	60
ollege Station-Bryan, TXolorado Springs, CO	220 86	6,464 24,062	(D) (D)	350 (D)	(D) (D)	(D) (D)	(D) 2,390	(D) 617	178 1,102	596 3,364	467 3,776	559 1,777	282 1,062	175 657	1,91 6,44
olumbia, MO	233	6,090	33	246	257	111	726	166	140	968	542	618	234	163	1,88
olumbia, SC	69	30,080	212	1,383	(D)	(D)	(D)	1,909	(D) (D)	4,852	2,912	2,248	838	(D)	6,62
olumbus, GA-AL olumbus, IN	161 303	10,909	61 38	364 112	(D) 1,745	(D) 206	988 372	248 166	44	1,516 400	960 288		385 88		
olumbus, OH	33	89,829	(D)	2,872	(D)	(D) (D)	(D)	(D)	2,808	20,549	14,460	(D)	2,814	1,981	11,18
orpus Christi, TX	119		1,845	1,588 72	(D)	(D) (D)	(D) 192	(D) (D) 62	309	1,374	(D)	1,451	610	407	2,76
orvallis, ORumberland, MD-WV	313 363		102 (D)	103	(D)	(D) (D)	192 286	186	67	357 166	318 (D)	338 370	89 90	79 78	
allas-Fort Worth-Arlington, TX	6	379,863	(D) (D)	15,521	(D)	(D)	48,927	(D) (D)	(D) (D)	74,393	(D)	(D)	90 (D)	7,108	27,44
alton, GAanville, IL	243 364		(D) 89	89 46		2,454 290	821 372	(D) 163	(D) 38	239 213	(D)	(D) 183	: 105 55	96 62	45
Panville, IL	357	2,815	(D)	(D)	212		388	(D)	32	277	176	285	. 88	92	38
			l (Ďí	581	(D)	(D)	2,440	(D)	367	(D)	2,258		589		2.04
avenport-Moline-Rock Island, IA-IL	117		122	000)E(0.00=	0.046	4 404	4 000	4 000	0.000	00-	750	- '
Pavenport-Moline-Rock Island, IA-IL	62	33,778	122	981	(D)	(D)	3,607 558		1,491	4,838 291	4,035 294	3,809 252	935	753	5,79
avenport-Moline-Rock Island, IA-IL	62 258 262	33,778 5,256 5,179	122 104 54 129	981 280 303	(D) (D) 705	(D) (D) 952	3,607 558 584 1,740	213 589	1,491 (D) 76	291 539	294 255	252 500	119 131	753 (D) 130	5,79 53 36

Table J.2. Gross Domestic Product by Metropolitan Area for Industries, 2008 *—Continues [Millions of Dollars]

[Millions of Dollars]															
Metropolitan area	Rank of total GDP by metropolitan area	Total	Natural resources and mining	Con- struction	Durable goods manu- facturing	Nondurable goods manu- facturing	Trade	Transpor- tation and utilities	Infor- mation	Financial activities	Pro- fessional and business services	Education and health services	Leisure and hospitality	Other services	Government
Denver-Aurora-Broomfield, CO. Des Moines-West Des Moines, IA. Detroit-Warren-Livronia, MI. Dothan, AL. Dover, DE. Dubuque, IA. Duluth, MN-WI. Durham-Chapel Hill, NC. Eau Claire, WI. El Centro, CA. Elizabethtown, KY. Elkhart-Goshen, IN. Elmira, NY. Elraso, TX. Erie, PA. Eugene-Springfield, OR. Evansville, IN-KY. Fairbanks, AK. Fargo, ND-MN. Farmington, NM. Fayetteville, NC. Fayetteville-Springdale-Rogers, AR-MO. Flagstaft, AZ. Flint, MI. Florence, SC. Florence-Muscle Shoals, AL. Fond du Lac, WI. Fort Collins-Loveland, CO. Fort Smith, AR-OK. Fort Walton Beach-Crestview-Destin, FL. Fort Wayne, IN. Fresno, CA. Gadsden, AL. Gainesville, GA. Glens Falls, NY. Goldsboro, NC. Grand Forks, ND-MN Grand Junction, CO. Grand Rapids-Wyoming, MI. Green Bay, WI. Green Bay, WI. Greensboro-High Point, NC. Greenville-Mauldin-Easiey, SC. Gulfport-Biloxid, MS. Hagerstown-Martinsburg, MD-WV. Hanford-Corcoran, CA. Hartischurg, AS. Har	177 611 133 291 235 294 1771 66 184 359 177 157 157 157 157 157 157 161 275 167 212 289 158 311 317 160 168 311 317 362 176 224 322 329 366 64 376 63 238 213 318 361 163 238 388 213 318 361 361 37 200 368 37 369 37 31 31 31 31 31 31 31 31 31 31 31 31 31	150,810 34,297 200,856 4,423 6,052 4,423 9,869 32,309 9,136 2,798 4,815 10,934 11,427 7,195 15,632 17,505 14,461 11,406 10,794 28,857 10,036 10,036 10,036 10,036 10,036 10,036 11,036 1	(D) 3944 619 611 (D) 8784 619 611 (D) 8782 614 619 615 622 615 644 (D) 6757 624 615 622 615 644 619 615 622 615 644 619 615 615 615 615 615 615 615 615 615 615	6,199 1,309 6,487 211 223 144 420 7311 242 107 133 287 120 1,008 279 474 396 681 194 376 268 194 248 400 3514 3684 1,314 3684 1,314 3684 1,314 3684 1,314 3684 1,314 3684 1,314 3684 1,314 378 399 100 100 100 100 100 100 100 100 100 1	(D)(D)(6)(6)(0)(0)(2)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)	(D) (D) (D) (D) (D) (D) (D) (D) (D) (D)	17,713 4,252 26,399 800 621 1,021 2,753 388 3,1096 1,392 346 1,698 1,048 1,698 1,048	(D) 1,164 10,088 569 232 198 (D) 612) (265 145 371 1277 1,457 376 301 1,775 484 887 (D) 188 (D	17,321 1,373 6,703 6,703 250 638 159 699 665 250 509 (D) 799 526 665 250 306 251 332 49 383 131 70 759 695 250 100 118 305 119 43 305 119 43 305 119 43 305 119 43 305 119 43 305 119 43 305 119 43 305 119 43 305 119 43 49 49 49 40 40 40 40 40 40 40 40 40 40 40 40 40	(D) 13,212 37,891 471 1,363 37,891 471 1,363 38,941 1,239 2,243 4,27 1,728 1,239 2,427 4,728 1,033 2,619 4,27 1,728 4,27 1,728 4,27 1,728 1,033 2,619 2,2758 4,27 1,728 1,033 2,619 2,758 4,27 1,728 1,033 2,619 2,758 4,27 1,728 1,033 2,619 2,758 4,27 1,728 1,033 3,103 3,105 3,105 7,70 2,2570 6,28 4,359 4,121 4,132 1,213 1,057 1,132 1,213 1,057 1,132 1,213 1,057 1,132 1,213 1,057 1,132 1,213 1,057 1,132 1,213 1,057 1,132 1,213 1,057 1,132 1,213 1,057 1,132 1,213 1,057 1,132 1,213 1,057 1,132 1,213 1,057 1,132 1,213 1,057 1,132 1,057 1,132 1,213 1,057 1,132 1,057 1,132 1,057 1,132 1,057 1,132 1,057 1,132 1,057 1,132 1,057 1,132 1,057 1,132 1,057 1,132 1,057 1,132 1,057 1,132 1,057 1,132 1,057 1,132 1,057 1,132 1,057 1,132 1,057 1,132 1,057 1,132 1,057 1,132 1,057 1,132 1,057 1,05	(D) 2,850 (37,233 (2828 (290 (200 (200 (200 (200 (200 (200 (200	(D) 2,478 464 17,767 498 464 1,504 3,548 767 172 2,597 381 1,767 1,314 1,338 1,481 1,279 1,023 332 770 499 1,574 491 1,574 1,625 309 309 309 309 309 309 309 309 309 309	5,625 1,063 7,251 150 2433 2455 366 7800 110 1172 900 405 165 377 731 334 4405 465 377 136 489 401 246 364 474 4246 437 489 857 136 147 432 3900 857 136 146 147 147 147 147 147 147 147 147 147 147	3,230 722 4,415 (D) 171 (E) 60 (D) 170 181 (E) 90 (E) 90 (E) 183 (E) 190 (E) 1	14,201 3,085 17,403 621 1,792 1,607 4,164 689 1,321 1,765 4,955 4,951 1,099 1,799 1,063 1,772 1,034 664 8,484 1,122 1,635 1,036 810 3,49 1,761 1,102 2,968 1,335 4,763 3,007 651 1,025 651 1,025 651 1,2455 699 829 829 1,266 8,258 8,657 1,025 651 1,2455 656 8,258 8,657 1,025 1,2455 1,610 1,010 1,799 1,266 8,258 8,

Table J.2. Gross Domestic Product by Metropolitan Area for Industries, 2008 *—Continues [Millions of Dollars]

[Millions of Dollars]															
Metropolitan area	Rank of total GDP by metropolitan area	Total	Natural resources and mining	Con- struction	Durable goods manu- facturing	Nondurable goods manu- facturing	Trade	Transpor- tation and utilities	Infor- mation	Financial activities	Pro- fessional and business services	Education and health services	Leisure and hospitality	Other services	Government
Lancaster, PA	102	19,394	603	1,373	1,951	1,986	2,979	894	585	2,845	1,640	1,977	622	571	1,368
Lansing-East Lansing, MI Laredo, TX	107 232	18,358 6,152	(D) 641	575 179	1,537 40	413 25	(D) 951	(D) 875	445 73	4,159 791	(D) 336	1,733 485	534 229	585 154	4,201 1,371
Las Cruces, NM	266 30	5,029 97,053	288 221	198 8,717	258 2,275	76 905	479 10,671	247 4,357	105 1,842	614 23,192	493 10,470	537 4,891	200 18,937	133 1,663	1,401 8,915
Las Vegas-Paradise, NVLawrence, KS	340	3,412	221	125	104	255	333	142	195	502	289	240	159	156	890
Lawton, OKLebanon, PA	302 332	4,155 3,628	(D) 136	99 127	(D) 443	(D) 436	325 651	129 200	66 54	357 248	(D) 201	206 374	123 89	70 98	2,101 570
Lewiston, ID-WA	365	1,821	(D)	82	(D)	(D) 337	(D)	(D)	31	266	(D)	240	78	66	298
Lewiston-Auburn, ME Lexington-Fayette, KY	331 90	3,636 22,736	51 (D)	(D) 910	176 (D)	337 (D)	501 (D)	204 (D)	108 822	(D) 3,668	317 (D)	613 (D)	103 869	76 426	320 3,273
Lima, OH Lincoln, NE	301 139	4,165 13,608	18 250	147 474	656 874	631 918	552 (D)	225 (D)	99 336	364 2,427	232 1,285	600 1,371	112 404	104 339	425 2,499
Little Rock-North Little Rock-Conway, AR	68	30,965	462	1,340	(D)	(D)	(D)	1,745	(D)	4,772	3,016	2,781	905	682	5,405
Logan, UT-ID Longview, TX	347 175	3,124 9,686	148 1,974	130 522	(D) 912	(D) 812	327 1,334	123 496	48 534	295 663	311 643	214 714	88 217	118 217	650 648
Longview, WA	354	2,902	126	220	262 39,371	366 29,636	(D) 92,774	(D)	36	260	125	308 48,886	106	85 16,116	383 62,530
Los Angeles-Long Beach-Santa Ana, CA Louisville-Jefferson County, KY-IN	2 48	717,884 56,320	6,553 419	21,066 (D) 432	(D)	(D) i	(D)	28,106 4,455	57,556 (D) (D)	181,231 10,136	100,660 5,629	5,332	33,399 2,178	1,235	5,528
Lubbock, TX Lynchburg, VA	179 195	9,424 8,388	412 34	432 (D)	(D) (D)	(D)	1,653 (D)	374 290	(D)	1,243 (D)	679 582	(D) 835	433 219	280 223	1,731 851
Macon, GA	208	7,503	160	319	(D) (D)	(<u>ō</u>)	(D)	544	(D) (D) 88	1,351	687	1,207	235	(D)	930
Madera-Chowchilla, CA	328 65	3,650 33,011	756 332	140 1,265	(D) (D)	(D) (D) (D) (D) (D) 482	367 3,818	135 962	1,717	349 8,532	189 3,401	416 2,253	94 853	102 790	740 5,622
Manchester-Nashua, NH	96 263	20,782 5,171	36 (D)	692 169	1,885 (D)	482 (D)	2,924 (D)	776 (D)	1,168 88	5,377 389	2,780 (D)	1,956 259	574 141	480 132	1,652 2,809
Mankato-North Mankato, MN	321	3,746	260	157	357	274	463	124	177	433	270	496	96	106	533
Mansfield, OH McAllen-Edinburg-Mission, TX	316 137	3,805 13,801	(D) 897	127 527	929 240	100 219	531 2,432	(D) 695	141 322	339 1,356	235 859	410 2,162	126 522	102 482	531 3,087
Medford, ORMemphis, TN-MS-AR	229 43	6,243 63,826	174 284	373 2,061	332 (D)	178	(D) (D)	(D) 6,591	192 (D)	1,054 12,371	568 7,630	825 4,986	276 3,393	183 (D)	804 7,228
Merced, CA	231	6,175	1,450	212	113	(D) 603	(D)	(D)	124	675	265	414	147	164	995
Miami-Fort Lauderdale-Pompano Beach, FL Michigan City-La Porte, IN	341	261,263 3,336	1,618 83	12,816 178	6,340 518	3,039 307	39,135 387	13,732 298	12,758 50	71,665 318	32,988 161	20,514	12,486 198	6,827 91	27,344 417
Midland, TX Milwaukee-Waukesha-West Allis, WI	162 34	10,869 82,694	6,120 151	245 2,798	319 (D)	122 (D)	1,014 9,548	201 3,030	158 3,058	582 18,923	838 10,340	329 8,666	218 2,410	173 1,706	550 6,998
Minneapolis-St. Paul-Bloomington, MN-WI	14	193,947	(D)	6,730	(D)	(D)	(D)	(D)	7,213	46,163	(D)	15,199	6,151	4,166	17,971
Missoula, MT	283 126	4,551 15,074	332	243 982	79 1,107	117 936	601 2,252	319 1,179	143 367	1,029 2,239	453 1,427	553 1,331	225 444	130 441	617 2,035
Modesto, CAMonroe, LA	123 225	15,454 6,340	1,461 (D)	653 200	650 (D)	1,542 (D)	2,032 1,019	707 287	217 599	2,567 727	1,078 637	1,659 669	454 201	423 152	2,011 799
Monroe, MI	324	3,723	77	221	624	48	411	602	37	444	357	265	149	96	391
Montgomery, AL	128 256	14,699 5,307	144 238	704 192	(D) (D)	(D) (D) 454	(D) 531	(D) 263	(D) 92	2,316 851	1,441 365	1,208 612	444 160	(D) 103	3,468 1,270
Morristown, TN	326 277	3,655 4,759	60 261	(D) 286	682 307	454 862	(D) 652	240 197	176 38	271 617	201 215	291 319	92 167	101 139	381 698
Muncie, IN	343	3,243	48	112	330	71	388	153	44	469	335	515	116	94	568
Muskegon-Norton Shores, MI	278 181	4,747 9.383	36 47	164 575	942 237	176 47	698 1,290	182 180	142 253	694 3,054	213 589	616 521	175 1,379	120 211	587 1,000
Napa, CANaples-Marco Island, FL	210	7,434 14,149	507	392	186	1,270	709	185	128 286	1,335	669	603	502	173	774 1,030
Nashville-Davidson-Murfreesboro-Franklin, TN	134	78,944	463 367	1,220 (D)	232 (D)	59 (D)	1,649 (D)	284 2,855	(D)	4,776 12,938	1,292 10,915		1,279 3,986	402 (D)	6,978
New Haven-Milford, CT New Orleans-Metairie-Kenner, LA	58 41	37,643 72,395	79 (D)	1,291 2,549	2,945 (D)	2,048 (D)	5,090 (D)	1,129 (D)	1,795 1,266	6,363 8,362	4,647 (D)	6,250 (D)	1,068 4,145	938 1,214	4,001 6,513
New York-Northern New Jersey-Long Island, NY-					, ,						' '				,
NJ-PANiles-Benton Harbor, MI	248	1,264,896 5,499	(D) 149	37,466 148	(D) (D)	(D) (D)	132,884 546	(D) 586	91,713 57	421,001 775	(D) 359	99,942 513	41,103 178	24,889 143	107,053 563
Norwich-New London, CT Ocala, FL	136 202	13,910 7,562	109 179	364 603	(D) 444	(D) 138	1,367 1,184	1,001 336	205 217	1,333 1,492	1,264 502	1,179 832	576 313	250 244	3,297 1,077
Ocean City, NJ	307 227	4,022	35 (D)	(D) 557	19	31	426	(D) 192	59	1,344	227	266	482	112	664
Ogden-Clearfield, UT	118	6,256 16,527	117	905	435 (D)	150 (D)	1,100 1,847	662	(D)	544 2,878		(D) 1,117	179 481	234 (D)	3,904
Oklahoma City, OKOlympia, WA	189	57,131 8,652	9,773 145	1,997 353	(D) 165	(D) 115	(D) 1,190	2,116 270	(D) 159	7,813 1,254	5,824 601	4,475 893	1,841 305	(D) 286	9,333 2,915
Omaha-Council Bluffs, NE-IA Orlando-Kissimmee. FL	54 27	44,861 103,985	658	1,894 5,898	(D)	(D) (D)	(D) 12,853	5,592 3,096	(D) 4,503	8,669 30,098	5,569	3,795 7,083	1,479	(D) 2,174	5,351 8,311
Oshkosh-Neenah, WI	207	7,512		272	1,139	1,352	(D) (D)	(D)	205	794	1,014	625	153	168	736
Owensboro, KYOxnard-Thousand Oaks-Ventura, CA	297 59	4,219 35,131	98	144 1,224	(D) 2,180	(D) 3,713	4.738	293 779	(D) 1,036	423 6,779	186 3,790	308 2,261	132	120 812	571 4,208
Palm Bay-Melbourne-Titusville, FL	113 366	17,500 1,269	30	964 67	2,170 55	83	2,097 178	438	467 (D)	2,418 254	3,278	1,820 97	716 73	470 47	2,550 241
Palm Coast, FL Panama City-Lynn Haven-Panama City Beach, FL	223	6,402	30	394	239	93	742	(D) 202	182	1,441	586	488	418	193	1,393
Parkersburg-Marietta-Vienna, WV-OH Pascagoula, MS	241 252	5,682 5,458	99 7 1	(D) 444	(D) (D)	(D) (D)	665 394	573 261	(D) 93	609 367	336 385	613 252	181 135	129 113	792 779
Pensacola-Ferry Pass-Brent, FLPeoria, IL	142 114	13,393 17,308	50	843 795	266	299 (D)	1,728 1,695	580 1,071	416 327		1,402	1,515	505 521	397 420	3,468 1,272
Philadelphia-Camden-Wilmington, PA-N.I-DE-MD	7	331,897	966	(D)	(D) (D) (D)	(D)	37,493	15,812	12,440	90,444	51,959	35,313	8,918	6,965	28,618
Phoenix-Mesa-Scottsdale, AZ	15 355	187,431 2,882	3,084 127	10,509 127	(D) (D)	(D) (D) (D) (D) (D)	26,362 315	8,667 (D)	5,199 (D)	49,399 192	119	259	8,065 55	3,478 71	18,405 679
Pittsburgh, PA Pittsfield, MA	22 250	114,707 5,478	(D)	4,651 240	(D) (D) (D)	<u>\bar{b}(</u>	13,662 528	6,948 154	4,183 125	22,426 1,389	(D)	13,177 889	3,656 361	2,834 152	8,958 486
Pocatello, ID	360	2,608	63	99	(D)	(0)	(D)	(D)	(D) 720	323	223	(D)	91	54	593
Portland-South Portland-Biddeford, ME Portland-Vancouver-Beaverton, OR-WA	83 24	24,847 112,420	99 1,631	989 4,432	(D) (D) (D)	(O) (O)	3,310 (D)	1,024 4,586	720 (D)	6,082 (D)	2,811 12,713	2,648 8,810	1,048 3,373	484 2,527	3,088 11,190
Port St. Lucie, FL	159	11,367	298	788	344	i 148	1,838	1,018	248	2,110	1,041	1,143	590	394 547	1,406
Poughkeepsie-Newburgh-Middletown, NY Prescott, AZ	95 284	21,029 4,510	378	316	(D) 182	(D) 43	(D) 678	(D) 110	567 65	2,983 751	285	549	695 270	122	4,480 762
Providence-New Bedford-Fall River, RI-MA Provo-Orem, UT	42 138	65,152 13,720	483 (D)	(D) 821	(D) 1,391		(D) 1,774	3,148 296	2,362 (D)	14,411 1,795	6,640		2,461 386	1,501 (D)	8,121 1,535
Pueblo, CO	309	3,962	(D)	271	334	i 58	506	333	(D) (D) 58	387	280	589	173	121	788
Punta Gorda, FLRacine, WI	339 215	3,425 7,118	91	239	50 1,262	1,556	526 760	207	70			597	171 168	137 156	651
Raleigh-Cary, NC	50	53,464	428	2,760	2,583	4,023	6,814	1,953	2,955	11,095	8,234		1,568	1,174	6,653

Table J.2. Gross Domestic Product by Metropolitan Area for Industries, 2008 *—Table Ends [Millions of Dollars]

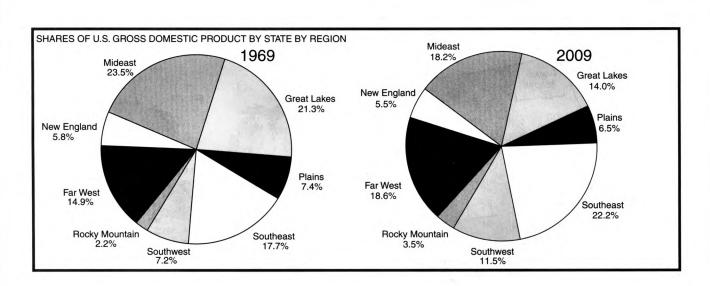
Services of the control of the contr						[IVIIIIO	is of Dollars	,				·				
Sealing, M	Metropolitan area	GDP by metropolitan	Total	resources		goods manu-	goods manu-	Trade	tation and			fessional and business	and health	and		Government
Sealing, M	Rapid City. SD	273	4.891	65	256	228	33	670	320	149	874	322	613	264	141	957
Service Supplies 1,000 1	Reading, PA	127	14,838	208	730	2,314	1,077	2,105	804	183	2,024	1,691	1,469	376	417	1,439
Newsday	Reno-Sparks NV						(D)									875 2,309
Secretary 1.4 1.5 1.4 1.5	Richmond, VA	45	61,351	447	(D)	(D)	(D)	(D)	2,527	(D)	13,073	10,013	4,644	1,607	(D)	8,778
Statesten, N						6,099					21,967					19,704
Seshort L. M	Rochester, MN	188		192	324		(D)	(D)			965					728
Series CA. Series Count Month	Rochester, NY			(D)	1,607	4,326	6,222	(R)	(D)			5,834	(D)			5,072
Series CA. Series Series Forester Local Fleening Col. Mil. Series Series Forester Local Fleening Col. Mil. Series Series Forester Local Fleening Col. Mil. Series Series Forester Local Fleening Col. Mil. Series Series Forester Local Fleening Col. Mil. Series Series Forester Local Fleening Col. Mil. Series Forester Lo	Rocky Mount, NC	249			200		929	1,025	182	192	531					617
Segres Segres Foreign Foreig	Rome, GA						420	385			255					420
2. Bound Mill		226			229		103		245							775
S. Soeth M.O.K. 299	St. Cloud, MN			(D)										207	172	940
Security Column	St. Joseph. MO-KS									(D)						397 547
Simons, CA. 166 16,800 14,168 531 207 638 238 516 339 2,861 1,281 100 1,190 1419 32 234 47961, T. 340 346 355 100 100 100 100 100 100 100 100 100 1	St. Louis, MO-IL	20	128,467	1,313	(D)	(D)	(D)	(D)	5,910	(D)	20,200	20,982	12,614	5,322	(D)	12,406
Selector Mon.	Salinas CA					539 207										2,964
Self-Appelland Sum Marces, CA. 16 169325 1027 49.45 99.40 32.91 11.00 0.00 10	Salisbury, MD	308	3,964	169	205	163	194	595	200	(D)	468	393	559	127	(D)	654
size Anforn (T	Salt Lake City, UT					4,150			(D)							7,255 752
San Deligno, Conditional Servi Microco, C.A. 55 603,025 10,077 64559 9,040 3,839 17,930 4,666 11,646 41,713 23,781 10,165 75,444 3,835 22,731 23,781 10,165 75,444 3,835 23,781 10,165 75,444 3,835 23,781 10,165 75,781 23,781 23,781 10,165 75,781 23,781 23,781 10,165 75,781 23,781 23,781 23,781 23,781 23,781 23,781 23,781 23,781 23,781 23,781 23,781 23,781 23,781 23,781 23,781 23,781 23,781 23,781 23,	San Antonio, TX	36	80,896	2,581	4,184		(D)	9,992	3,740	3,878	13,364	9,603	6,768	3,804	1,870	14,079
Sam Francisco Oselend Fremont C.A. 8 310-282							3,839				41,713	23,781				28,786
Sam Jose-Seniry Care. C. 18 146 (987 7764 4,357 10 10 17,245 5.385 23,004 23,006 13,42 5.565 2.081 3,006 13,	San Francisco-Oakland-Fremont, CA	8	310,825	(D)	11,053	9.700	21.162	(D)	(D)	17,256	78,725	61,578	20,414	11,819	6,636	345 27,814
Same Confort Wilson Park Standard C.A. 169 3,903 561 520 359 188 1,503 182 155 1,979 1,586 910 435 316 133 316 133 316 130 316	San Jose-Sunnyvale-Santa Clara, CA					(D)	(D)									8,616
Same Confort Wilson Park Standard C.A. 169 3,903 561 520 359 188 1,503 182 155 1,979 1,586 910 435 316 133 316 133 316 130 316	Santa Barbara-Santa Maria-Goleta, CA				824	989	477									2,862
Same Posse Prelations. CA	Santa Cruz-Watsonville, CA			561		359	198	1,593			1,979	1,358	910	435	316	1,337
Searcher-Wiles-Barre P. 104 9,065 135 701 (D) (D) (D) (D) (D) 923 238 1599 2,068 638 517 2,175 2,1	Santa Rosa-Petaluma, CA.			345		(D)	(D)									1,294
Pearlier Teacher 12 218,771 1,309 9,460 D) D) 27,922 84,481 23,757 47,772 28,779 14,262 7,367 47,765 24,77 34,660 D) D) D) D) D) D) D) D	Savannah, GA	144	13,181	41	612	(D)		(D)		232	1,430	1,162	1,398	670	343	2,283
Sebastan Sebastan	Seattle-Tacoma-Bellevue, WA					(D)	(D)				2,385 47,737	1,559 26,719	14 326			2,110 24,734
Semmin S	Sebastian-Vero Beach, FL	285	4,492	162	293	143	23	824	62	105	1,137	398	522	277	134	413
Simewport Desser City, LA. 91 22,392 7,914 561 (D)	Sheboygan, WISherman-Denison, TX					1,257 587	1,036									381 369
South Berd Melstewska, IN-MI 152 12,313 D) 408 2,299 894 1,555 D) 271 1,787 D) 1,653 337 321 99 pateriarburg, SC 166 10,221 41 460 1,870 1,116 1,872 313 341 343 3,213 1,828 2,238 721 332 polahare, MA 111 17,649 1,40 88 846 1,277 371 2,844 811 341 3,213 1,828 2,238 721 513 2,77 pateriarburg, SC 166 10,221 41 460 1,870 1,116 1,872 3,44 811 3,41 3,213 1,828 2,238 721 513 2,77 pateriarburg, SC 1,44 40 1,470 1,161 2,215 1,60 1,00 1,00 1,00 pateriarburg, SC 1,44 40 1,470 1,161 2,215 1,00 1,00 1,00 1,00 pateriarburg, SC 1,44 40 1,470 1,161 2,215 1,00 1,00 1,00 1,00 pateriarburg, SC 1,44 40 1,00 1,00 1,00 1,00 1,00 pateriarburg, SC 1,44 40 1,00 1,00 1,00 1,00 pateriarburg, SC 1,44 40 1,00 1,00 1,00 1,00 pateriarburg, SC 1,44 40 1,00 1,00 1,00 1,00 pateriarburg, SC 1,44 1,00 1,00 1,00 1,00 pateriarburg, SC 1,44 1,00 1,00 1,00 1,00 pateriarburg, SC 1,44 1,00 1,00 1,00 1,00 pateriarburg, SC 1,44 1,00 1,00 1,00 1,00 pateriarburg, SC 1,44 1,00 1,00 1,00 pateriarburg, SC 1,44 1,00 1,00 1,00 pateriarburg, SC 1,44 1,00 1,00 1,00 pateriarburg, SC 1,44 1,00 1,00 1,00 pateriarburg, SC 1,44 1,00 1,00 1,00 pateriarburg, SC 1,44 1,00 1,00 1,00 pateriarburg, SC 1,44 1,44 1,44 1,44 pateriarburg, SC 1,44 1,44 1,44 pateriarburg, SC 1,44 1,44 pateriarburg, SC 1,44 1,44 pateriarburg, SC 1,44 1,44 pateriarburg, SC 1,44 1,44 pateriarburg, SC 1,44 1,44 pateriarburg, SC 1,44 1,44 pateriarburg, SC 1,44 1,44 pateriarburg, SC 1,44 1,44 pateriarburg, SC 1,44 1,44 pateriarburg, SC 1,44 1,44 pateriarburg, SC 1,44 1,44 pateriarburg, SC 1,44 1,44 pateriarburg, SC 1,44 1,44 pateriarburg, SC 1,44 1,44	Shreveport-Bossier City, LA	91	22,392	7,914	561	(D)	(D)	2,086	1,011	375	1,646	1,133	1,522	1,086	369	2,788
South Berd Melstewska, IN-MI 152 12,313 D) 408 2,299 894 1,555 D) 271 1,787 D) 1,653 337 321 99 pateriarburg, SC 166 10,221 41 460 1,870 1,116 1,872 313 341 343 3,213 1,828 2,238 721 332 polahare, MA 111 17,649 1,40 88 846 1,277 371 2,844 811 341 3,213 1,828 2,238 721 513 2,77 pateriarburg, SC 166 10,221 41 460 1,870 1,116 1,872 3,44 811 3,41 3,213 1,828 2,238 721 513 2,77 pateriarburg, SC 1,44 40 1,470 1,161 2,215 1,60 1,00 1,00 1,00 pateriarburg, SC 1,44 40 1,470 1,161 2,215 1,00 1,00 1,00 1,00 pateriarburg, SC 1,44 40 1,470 1,161 2,215 1,00 1,00 1,00 1,00 pateriarburg, SC 1,44 40 1,00 1,00 1,00 1,00 1,00 pateriarburg, SC 1,44 40 1,00 1,00 1,00 1,00 pateriarburg, SC 1,44 40 1,00 1,00 1,00 1,00 pateriarburg, SC 1,44 40 1,00 1,00 1,00 1,00 pateriarburg, SC 1,44 1,00 1,00 1,00 1,00 pateriarburg, SC 1,44 1,00 1,00 1,00 1,00 pateriarburg, SC 1,44 1,00 1,00 1,00 1,00 pateriarburg, SC 1,44 1,00 1,00 1,00 1,00 pateriarburg, SC 1,44 1,00 1,00 1,00 pateriarburg, SC 1,44 1,00 1,00 1,00 pateriarburg, SC 1,44 1,00 1,00 1,00 pateriarburg, SC 1,44 1,00 1,00 1,00 pateriarburg, SC 1,44 1,00 1,00 1,00 pateriarburg, SC 1,44 1,00 1,00 1,00 pateriarburg, SC 1,44 1,44 1,44 1,44 pateriarburg, SC 1,44 1,44 1,44 pateriarburg, SC 1,44 1,44 pateriarburg, SC 1,44 1,44 pateriarburg, SC 1,44 1,44 pateriarburg, SC 1,44 1,44 pateriarburg, SC 1,44 1,44 pateriarburg, SC 1,44 1,44 pateriarburg, SC 1,44 1,44 pateriarburg, SC 1,44 1,44 pateriarburg, SC 1,44 1,44 pateriarburg, SC 1,44 1,44 pateriarburg, SC 1,44 1,44 pateriarburg, SC 1,44 1,44 pateriarburg, SC 1,44 1,44 pateriarburg, SC 1,44 1,44	Sioux City, IA-NE-SD				209 499	(D)	(D)					524 876	(D)			603 817
jokane, W. 111 17,640 88 846 1,297 317 2,844 813 341 3215 1,828 2,293 721 510 2,77 701 716	South Bend-Mishawaka, IN-MI	152	12,313	(D)	408	2,299	894	1,556	(D)	271	1,787	(D)	1,653	337	321	961
pingfield, M. 9. 22.315. 78 861 1.67 7.116 2.615. 79 864 M. D. D. D. D. P. P. 22.4 319 1.248 822 1.266 306 2.323 2.156 pringfield, M. 9. 22.2315. 78 861 1.677 1.116 2.615. 79 861 1.116 2.615. 79 861 1.116 2	Spartanburg, SC				460 846									385		1,321
pingleid, MO	Springfield, IL	194	8,572	150	364	(D)	(D)		254	319	1,248	822	1,296	306	323	2,198
jorngifield, OH. 337 3,529 69 99 528 132 (D) (D) 35 512 256 461 122 152 45 1481 eCollege, PM. 245 5,578 98 208 229 771 448 149 248 774 519 448 203 127 2,00 10 10 10 19,519 1,163 1980 816 1,082 2,957 1,161 315 3,372 1,325 1,971 570 529 2,91 1,000 11 1,000	Springfield, MA					1,677	1,116		(D)			(P)				3,688
State College, PA	Springfield, OH	337			99	528	132					256	461			457
Sumter, SC. 553 2,959 76 186 410 142 306 119 37 207 148 288 78 89 99 400 40	State College, PA				208	229		448				519	428			2,076
Sillahassee, FL. 146 12,797 164 614 (D) (D) (D) 259 (D) 1,773 1,638 1,148 499 4,09 Ampa-St. Pletsraburg-Clearwater, FL. 25 1,155 3,788 5,988 4,562 2,270 1,592 5,754 5,968 2,427 5,988 4,247 5,988 4,247 5,988 4,247 5,988 4,248 2,99 603 162 145 7,78 168 6,00 1,115 3,752 1,188 (D) 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,72 4,00 1,00 1,172 1,182 2,186 2,270 5,00 3,30 7,00 1,331 7,11 9,00 3,31 1,11 9,00 2,37 1,00 1,00 1,172 1,152 3,480 2,286 2,893 7,97 1,172 1,12 3,14 1,16 9,00 1,172 1,1	Sumter, SC	353				410	142									903
Sampa SR Petersburg Cleanwater, FL	Syracuse, NY					(D)	(D)				4,125					3,611
Ferre Haule, IN.	Tampa-St. Petersburg-Clearwater, FL	25				4,562	2,270							5,491		11,844
Oledo, O.H.	Terre Haute, IN					(D)	(D)	(D)								753
Ferhon-Ewing, N.J.	Toledo, OH	82		(6)		3,752	1,482	(0)		452						3,191
iusson AZ	Topeka, KS			71		(D)	(D)	(D)							(D)	1,725
Itica-Rome, NY	Tucson, AZ		31.805	757		3.262	299		1.326	768						6,210
Itica-Rome, NY	Tulsa, ÖK			(D)	1,815	(D)	(D)	5,561	(D)	(D)	6,322	(D)	(D)			3,361
Itica-Rome, NY	Tyler, TX				302	799	300	1,134	352	363						785
//ictoria, TX	Útica-Rome, NY				263	723	249	(D)	(D)	218			1,210	267	209	2,094
//ictoria, TX	Vallejo-Fairfield, CA				776	(D) 403	1.941			193			1.394		(D)	2,743
//Irginia Beach-Norfolk-Newport News, VA-NC. 39 77,061 638 3,059 (D) (D) (D) 3,436 (D) 13,882 7,687 5,099 2,706 1,588 22,45 3,692 2,608 470 201 754 1,575 609 202 1,170 652 915 247 257 1,00 2,000	Victoria, TX				330	(D)	(D)	(D)		(D)	350	276	369	119	97	483
Vaco, TX 199 7,943 133 375 983 775 994 384 210 1,057 524 915 247 257 1,06 Washington-Arlington-Alexandria, DC-VA-MD-WV 5 395,747 541 (D) (D) (D) 28,531 15,424 (D) (D) 92,831 15,424 (D) (D) 92,831 15,424 (D) (D) 92,831 15,424 (D) (D) 92,831 15,424 (D) (D) 92,833 13,331 13,331 375 984 386 125 26 379 466 252 14,453 83,12 83,12 44 44 82 22,535 92 937 363 530 131 123 44 82 235 92 937 363 530 131 123 44 44 88 24 915 427 (D) 40 40 44 40 44 44 48 48 44						507 (D)	(D)	(D)		(D)	13.882		5.099			1,041
Narner Robins, GA	Visalia-Porterville, CA		11,569		470	201	754	1,575	609	202	1,170	652	731	261	303	2,034
Washington-Alington-Alexandria, DC-VA-MD-WV 5 395/747 541 (D) (D) 28,531 15,424 (D) (D) 99.888 23,719 12,292 14,453 83,12 Vasuau, WI							359			26			915			1,087 2,580
Neirfor-Steuberville, WY-OH 325 3,692 (D) (D) (D) (D) (D) 365 (D) 63 277 (D) (D) (D) 231 75 36 368 (D) 489 (D) (D) 561 97 47 601 162 431 192 100 661 488 (D) 489 (D) 489 (D) 489 (D) 561 97 47 601 162 431 192 100 661 488 (D) 489 (D) 489 (D) 489 (D) 489 (D) 489 478 488 (D) 407 478 488 486 577 223 422 662 488	Washington-Arlington-Alexandria, DC-VA-MD-WV	5	395,747	541	(D)	(D)	(D)	28,531	15,424	(D)	(D)	92,898	23,719	12,292	14,453	83,121
Neirfor-Steuberville, WY-OH 325 3,692 (D) (D) (D) (D) (D) 365 (D) 63 277 (D) (D) (D) 231 75 36 368 (D) 489 (D) (D) 561 97 47 601 162 431 192 100 661 488 (D) 489 (D) 489 (D) 489 (D) 561 97 47 601 162 431 192 100 661 488 (D) 489 (D) 489 (D) 489 (D) 489 (D) 489 478 488 (D) 407 478 488 486 577 223 422 662 488	Waterloo-Cedar Falls, IA	203			218 207	2,041 995	505 453	843 822	285 235	123	1,003		530			838 477
Wichita, KS 73 28,541 1,200 967 (D) (D) 3,467 1,093 783 2,919 2,798 2,487 941 571 2,778 Wichita Falls, TX 236 5,958 (D) 173 (D) (D) 613 172 (D) 379 243 499 150 162 1,22 Willimington, NC 140 13,494 103 802 957 741 1,608 1,008 376 3,153 1,246 953 619 291 1,15 52 Winchester, VA-W 276 4,783 25 (D) <	Weirton-Steubenville, WV-OH	325	3,692	(D)	(D)	(D)	(D)	365	(D)	63	277	(D)	(D)	231	75	367
Wichita, KS 73 28,541 1,200 967 (D) (D) 3,467 1,093 783 2,919 2,798 2,487 941 571 2,778 Wichita Falls, TX 236 5,958 (D) 173 (D) (D) 613 172 (D) 379 243 499 150 162 1,22 Willimington, NC 140 13,494 103 802 957 741 1,608 1,008 376 3,153 1,246 953 619 291 1,15 52 Winchester, VA-W 276 4,783 25 (D) <	Wenatchee-East Wenatchee, WAWheeling WV-OH					(D)	(D)									616 629
\text{Vilinington, NC} \tag{140} & 13.494 & 103 & 802 & 957 & 741 & 1.608 & 1.008 & 376 & 3.153 & 1.246 & 953 & 619 & 291 & 1.63 \text{Vinchester, VA-WV} \tag{276} & 4.783 & 25 & (D) & (D) & (D) & (D) & (D) & 183 & 61 & 727 & 312 & 618 & 157 & 124 & 587 \text{Vinchester, VA-WV} \tag{93} & 21.936 & (D) & 695 & 1.247 & 4.695 & (D) & (D) & (D) & 4.279 & 2.176 & 2.875 & 573 & 396 & 1.45 \text{Vinchester, WA} \tag{8406} & 68 & 1.180 & 2.870 & 1.426 & 3.723 & 1.206 & 938 & 4.196 & 3.573 & 4.015 & 876 & 750 & 3.55 \text{Asima, WA} \tag{8408} \tag{850} & 205 & 7.545 & 1.781 & 231 & (D) & (D) & 1.100 & 314 & 85 & 693 & 281 & 868 & 227 & 180 & 1.15 \text{Orc-Hanover, PA} \tag{125} & 15.164 & 99 & 865 & 2.270 & 1.439 & 1.771 & 1.347 & 295 & 1.990 & 1.265 & 1.445 & 389 & 447 & 1.54 \text{Column, Warren-Boardman, OH-PA} \tag{115} & 17.092 & 244 & 620 & 3.366 & 455 & 2.631 & 1.002 & 363 & 2.220 & 1.191 & 2.080 & 529 & 457 & 1.93 \text{Und City, CA} \tag{115} U	Wichita, KS	73	28,541	1,200	967	(D)	(D)	3,467	1,093	783	2,919	2,798	2,487	941	571	2,742
\text{Vilinington, NC} \tag{140} & 13.494 & 103 & 802 & 957 & 741 & 1.608 & 1.008 & 376 & 3.153 & 1.246 & 953 & 619 & 291 & 1.63 \text{Vinchester, VA-WV} \tag{276} & 4.783 & 25 & (D) & (D) & (D) & (D) & (D) & 183 & 61 & 727 & 312 & 618 & 157 & 124 & 587 \text{Vinchester, VA-WV} \tag{93} & 21.936 & (D) & 695 & 1.247 & 4.695 & (D) & (D) & (D) & 4.279 & 2.176 & 2.875 & 573 & 396 & 1.45 \text{Vinchester, WA} \tag{8406} & 68 & 1.180 & 2.870 & 1.426 & 3.723 & 1.206 & 938 & 4.196 & 3.573 & 4.015 & 876 & 750 & 3.55 \text{Asima, WA} \tag{8408} \tag{850} & 205 & 7.545 & 1.781 & 231 & (D) & (D) & 1.100 & 314 & 85 & 693 & 281 & 868 & 227 & 180 & 1.15 \text{Orc-Hanover, PA} \tag{125} & 15.164 & 99 & 865 & 2.270 & 1.439 & 1.771 & 1.347 & 295 & 1.990 & 1.265 & 1.445 & 389 & 447 & 1.54 \text{Column, Warren-Boardman, OH-PA} \tag{115} & 17.092 & 244 & 620 & 3.366 & 455 & 2.631 & 1.002 & 363 & 2.220 & 1.191 & 2.080 & 529 & 457 & 1.93 \text{Und City, CA} \tag{115} U	Wichita Falls, TX		5,958	(D)	173	(D)	(D)	613	172	(<u>D</u>)	379	243	499		162	1,266
Winchester, VA-WV 276 4,783 25 (D) (D) (D) (D) (D) 4,727 312 618 157 124 56 Norcester, NA 93 21,936 (D) 695 1,247 4,695 (D) (D) (D) (D) 4,799 2,176 2,875 573 396 1,45 Norcester, MA 74 28,406 68 1,180 2,870 1,426 3,723 1,206 938 4,196 3,573 4,015 876 750 3,58 fakima, WA 205 7,545 1,781 231 (D) (D) 1,100 314 85 693 281 868 227 180 1,13 fork-Hanover, PA 125 15,164 99 865 2,270 1,439 1,771 1,347 295 1,990 1,265 1,445 389 447 1,55 foungstown-Warren-Boardman, OH-PA 1115 17,092 244 620 <td< td=""><td>Wilmington, NC</td><td>140</td><td></td><td></td><td>802</td><td>623 957</td><td>741</td><td></td><td></td><td>376</td><td></td><td></td><td></td><td></td><td></td><td>521 1,637</td></td<>	Wilmington, NC	140			802	623 957	741			376						521 1,637
Vinston-Salem, NC	Winchester, VA-WV	276	4,783	25	(D)	(D)	(D)		183	61	727	312	618	157	124	561
/akima, WA. 205 7,545 1,781 231 (D) (D) 1,100 314 85 693 281 868 227 180 1,133 (ork-Hanover, PA. 125 15,164 99 865 2,270 1,439 1,771 1,347 295 1,990 1,265 1,445 389 447 1,545 (olungstown-Warren-Boardman, OH-PA 115 17,092 244 620 3,366 455 2,631 1,002 363 2,220 1,191 2,000 529 457 1,93 (viba City, CA. 293 4,348 368 185 (D) (D) (D) (D) (D) 64 627 248 427 112 117 1,13	Winston-Salem, NC	93		(D)	1.180			(U) 3,723		(D) 938						1,455 3,587
foungstown-Warren-Boardman, OH-PA	Yakima, WA	205	7,545	1,781	231	(D)	(D)	1,100	314	85	693	281	868	227	180	1,138
/uba City, CA	Youngstown-Warren-Boardman, OH-PA				865 620	2,270 3,366	1,439	1,771 2,631		295	1,990			389 520		1,541 1,933
/uma, AZ	Yuba City, CA	293	4,348	368	185	(D)	(D)	(D)	(D)	64	627	248	427	112	117	1,136
	Yuma, AZ	270	4,918	811	213	72	102	592	147	195	483	283	394	158	95	1,372

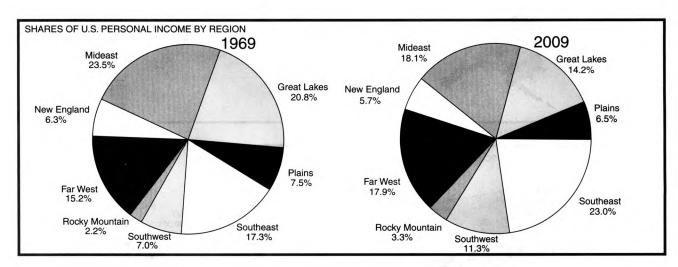
^{*}Accelerated statistics
(D) Not shown to avoid disclosure of confidential information, but the statistics for this item are included in the totals.

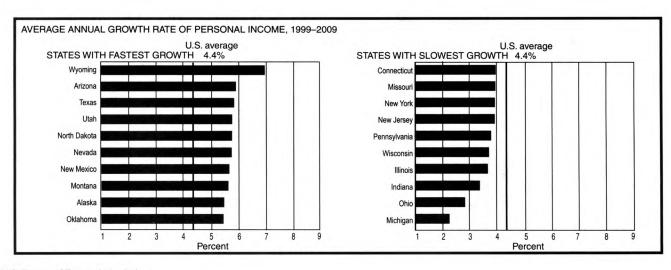
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K. Charts

SELECTED REGIONAL ESTIMATES

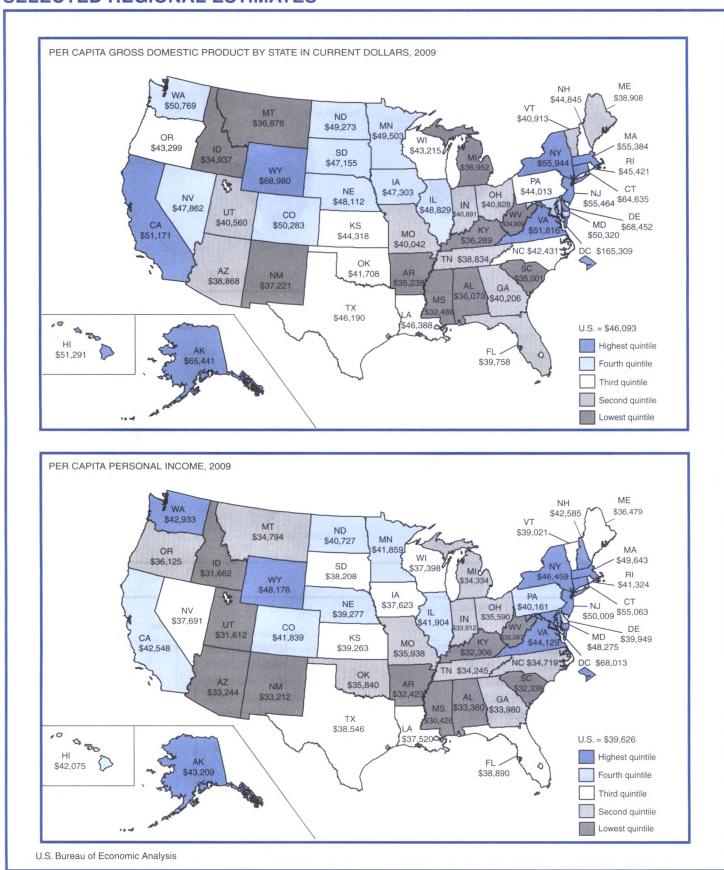






U.S. Bureau of Economic Analysis

SELECTED REGIONAL ESTIMATES



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Appendixes

A. Additional Information About the NIPA Estimates

Statistical Conventions

Current-dollar GDP is a measure of the market value of goods, services, and structures that are produced in the economy in a particular period. The changes in current-dollar GDP can be decomposed into quantity and price components. Quantities, or "real" measures, and prices are expressed as index numbers with the reference year—at present, the year 2005—equal to 100.1

The annual changes in quantities and prices are calculated using a Fisher formula that incorporates weights from 2 adjacent years. For example, the annual percent change in real GDP for 2006–2007 uses prices for 2006 and 2007 as weights, and the 2006–2007 annual percent change in the GDP price index uses quantities for 2006 and 2007 as weights. Because the Fisher formula allows for the effects of changes in relative prices and in the composition of output over time, the resulting quantity or price changes are not affected by the substitution bias that is associated with changes in quantities and prices calculated using a fixed-weighted formula. These annual changes are "chained" (multiplied) together to form time series of quantity and price indexes. The percent changes in the Fisher indexes are not affected by the choice of the reference year.

BEA also publishes implicit price deflators (IPDs), which are calculated as the ratio of the current-dollar value of a component to the chained-dollar value of the component, multiplied by 100. The values of an IPD are very close to the values of the corresponding "chain-type" price index.

The measures of real GDP and its major components are also presented in dollar-denominated form, designated "chained (2005) dollar estimates." For most series, these estimates are computed by multiplying the current-dollar value in 2005 by a corresponding quantity index number and then dividing by 100. For example, if a current-dollar GDP component equaled \$100 in 2005 and if real output for this component increased by 10 percent in 2006, then the chained (2005) dollar value of this component in 2006 would be \$110 (\$100 \times 1.10). The percent changes calculated from the chained (2005) dollar estimates and from the quantity indexes are the same; any differences will be small and due to rounding.

The chained-dollar values for the detailed GDP components will not necessarily sum to the chained-dollar estimate of GDP (or to any intermediate aggregate) in a table, because the relative prices that are used as weights for any period other than the reference year differ from those of the reference year. A measure of the effect of such

differences is provided by a "residual" line—the difference between the chained-dollar value of the main aggregate in the table and the sum of the most detailed components in the table. For periods close to the reference year, when the relative prices that are used as weights have usually not changed much, the residuals tend to be small, and the chained-dollar estimates can be used to approximate the contributions to growth and to aggregate the detailed estimates. For periods further from the reference year, the residuals tend to be larger, and the chained-dollar estimates are less useful for analyses of contributions to growth. In particular, for components for which relative prices are changing rapidly, the calculation of contributions based on chained-dollar estimates may be misleading even just a few years from the reference year. Thus, contributions derived from quantity indexes provide a better measure than contributions derived from chained-dollar estimates; contributions based on quantity indexes are shown in selected NIPA tables 1.1.2, 1.2.2, 1.5.2, 2.3.2, 3.9.2, 4.2.2, and 5.3.2.

For quarters and months, NIPA estimates are presented at annual rates, which show the value that would be registered if the rate of activity that is measured for a quarter or for a month were maintained for a full year. Annual rates are used so that periods of different lengths—for example, quarters and years—may be more easily compared. These annual rates are determined simply by multiplying the estimated rate of activity by 4 (for quarterly data) or by 12 (for monthly data).

For most quarterly NIPA estimates, percent changes in the estimates are also expressed at annual rates. Calculating these changes requires a variant of the compound interest formula:

$$r = \left[\left(\frac{x_t}{x_0} \right)^{m/n} - 1 \right] \times 100$$

where r is the percent change at an annual rate; x_t is the level of activity in the later period; x_0 is the level of activity in the earlier period; m is the periodicity of the data (for example, 1 for annual data, 4 for quarterly data, or 12 for monthly data); and n is the number of periods between the earlier periods and the later periods (that is, t-0).

Quarterly and monthly NIPA estimates are seasonally adjusted if necessary. Seasonal adjustment removes from the time series the average effects of variations that normally occur at about the same time and in about the same magnitude each year—for example, weather, holidays, and tax payment dates. After seasonal adjustment, cyclical and other short-term changes in the economy stand out more clearly.

^{1.} See J. Steven Landefeld, Brent R. Moulton, and Cindy M. Vojtech, "Chained-Dollar Indexes: Issues, Tips on Their Use, and Upcoming Changes," Survey of Current Business (November 2003): 8–16.

Reconciliation Table

Table 1. Relation of Net Exports of Goods and Services and Net Receipts of Income in the NIPAs to Balance on Goods and Services and Income in the ITAs

[Billions of dollars]

				Seasonally adjusted at annual rates							
	Line	2008	2009		20	20	10				
	Ì			ı	II	III	IV	ı	ll l		
Exports of goods and services and income receipts, ITAs	1	2,594.5	2,159.0	2,086.9	2,080.4	2,162.9	2,305.7	2,400.7	2,455.4		
Less: Gold, ITAs Statistical differences ¹ Other items.	3 4	18.7 0.0 1.6	13.9 0.0 1.5	13.8 0.0 1.6	12.3 0.0 1.5	14.3 0.0 1.5	15.3 0.0 1.3	17.9 -7.8 2.0	14.7 -7.8 2.2		
Plus: Adjustment for grossing of parent/affiliate interest payments	5 6 7	10.1 51.1 8.3	8.0 49.6 7.0	8.4 49.1 7.9	9.2 49 .0 7.0	7.2 48.6 6.6	7.1 51.8 6.6	6.2 49.7 7.0	5.8 54.6 7.3		
Equals: Exports of goods and services and income receipts, NIPAs	8	2,642.9	2,208.2	2,136 .8	2,131.9	2,209.5	2,354.6	2,451.5	2,514.0		
Imports of goods and services and income payments, ITAs	9	3,167.4	2,412.5	2,350.3	2,297.1	2,418.4	2,584.3	2,697.9	2,817.1		
Less: Gold, ITAs Statistical differences ¹ Other items	10 11 12	12.5 0.0 0.0	8.8 0.0 0.0	7.3 0.0 0.0	8.4 0.0 0.0	8.8 0.0 0.0	10.9 0.0 0.0	9.7 -4.9 0.0	11.8 -4.9 0.0		
Plus: Gold, NIPAs Adjustment for grossing of parent/affiliate interest payments Adjustment for U.S. territories and Puerto Rico Imputed interest paid to rest of world	13 14 15 16	-4.1 10.1 35.0 8.3	-5.1 8.0 34.8 7.0	-4.5 8.4 35.3 7.9	-4.8 9.2 37.2 7.0	-5.2 7.2 32.4 6.6	-5.8 7.1 34.2 6.6	-6.2 6.2 40.1 7.0	-4.2 5.8 38.7 7.3		
Equals: Imports of goods and services and income payments, NIPAs	17	3,306.8	2,448.3	2,390.0	2,337.3	2,450.6	2,615.5	2,740.2	2,857.9		
Balance on goods and services and income, ITAs (1-9)	18	-572.9	-253.5	-263.4	-216.7	-255.5	-278.6	-297.2	-361.7		
Less: Gold (2–10+13). Statistical differences (3–11) 1. Other: items (4–12).	20	2.1 0.0 1.6	0.0 0.0 1.5	2.0 0.0 1.6	-0.9 0.0 1.5	0.3 0.0 1.5	-1.4 0.0 1.3	2.0 - 2.9 2.0	-1.3 -2.9 2.2		
Plus: Adjustment for U.S. territories and Puerto Rico (6–15)	1 1	16.1	14.8	13.8	11.8	16.2	17.6	9.6	15.9		
Equals: Net exports of goods and services and net receipts of income, NIPAs (8-17)	23	-663.9	-240.1	-253.2	205.4	-241.1	-260 .9	-288.7	-343.9		

Consists of statistical revisions to the ITAs that have not yet been incorporated into the NIPAs. ITAs International transactions accounts.
 NIPAs National income and product accounts

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B. Suggested Reading

The Bureau of Economic Analysis (BEA) has published a wealth of information about the methodologies that are used to prepare its national, industry, international, and regional accounts. Most of this information is available on BEA's Web site at www.bea.gov.

National accounts

The national accounts encompass the detailed estimates in the national income and product accounts (including gross domestic product) and the estimates of fixed assets and consumer durable goods.

National income and product accounts (NIPAs). This series of papers documents the conceptual framework of the NIPAs and the methodologies that are used to prepare the estimates.

Concepts and Methods of the U.S. National Income and Product Accounts

"Introductory Chapters 1–4" (2009)

"Chapter 5: Personal Consumption Expenditures" (2009)

"Chapter 6: Private Fixed Investment" (2010)

"Chapter 7: Change in Private Inventories" (2010)

Corporate Profits: Profits Before Tax, Profits Tax Liability, and Dividends (2002)

An Introduction to National Income and Product Accounts (2007)

Measuring the Economy: A Primer on GDP and the National Income and Product Accounts (2007)

The following Survey articles describe the 2009 comprehensive revision of the NIPAs.

"Initial Results of the 2009 Comprehensive NIPA Revision" (August 2009)

"Improved Estimates of the National Income and Product Accounts: Results of the 2009 Comprehensive Revision" (September 2009)

Preview of the 2009 Comprehensive NIPA Revision Changes in Definitions and Presentations (March 2009)

New Classifications for Personal Consumption Expenditures (May 2008)

Statistical Changes (May 2009)

"Preview of the Revised NIPA Estimates for 2002: Effects of Incorporating the 2002 Benchmark I-O Accounts and Proposed Definition and Statistical Changes" (March 2008) In addition, see the following articles.

"Annual Revision of the National Income and Product Accounts" (August 2010) presents revisions and describes any changes in the data and the methods used to prepare the estimates.

"Updated Summary of NIPA Methodologies" (November 2010) describes the source data and methods that are used to prepare the estimates.

"Chained-Dollar Indexes: Issues, Tips on Their Use, and Upcoming Changes" (November 2003) discusses the advantages of using chain-weighted indexes and the challenges of using chained dollars.

"The Reliability of the GDP and GDI Estimates of U.S. Economic Activity" (February 2008) evaluates the principal NIPA estimates by examining the record of revisions to them.

"Gross Domestic Product: Revisions and Source Data" (February 2006) describes the categories of data that are used for the advance, preliminary (now called second), and final (now called third) quarterly estimates of GDP.

Fixed assets and consumer durable goods. Fixed Assets and Consumer Durable Goods in the United States, 1925–97 (2003) discusses the concepts and statistical considerations that underlie the estimates and their derivation.

"Fixed Assets and Consumer Durable Goods for 1999–2008" (November 2009) describes the improvements that were incorporated into these estimates as part of the 2009 comprehensive NIPA revision.

Satellite account. This account extends the analytical capacity of the NIPAs by focusing on the effects of a particular aspect of economic activity on GDP.

"Research and Development Satellite Account"

For 1959–2002 (December 2006)

For 1959–2004 (October 2007)

For 1959-2007 (December 2010)

Mission Statement and Strategic Plan

The mission statement of the Bureau of Economic Analysis and its most recently updated strategic plan for improving the accuracy, reliability, and relevance of the national, industry, regional, and international accounts are available on BEA's Web site at www.bea.gov under "About BEA."

Industry accounts

The industry accounts consist of the annual industry accounts (the input-output accounts and the gross domestic product by industry accounts), the benchmark input-output accounts, and two satellite accounts.

Annual industry accounts. "Preview of the Comprehensive Revision of the Annual Industry Accounts" (March 2010) provides the details about the upcoming comprehensive revision.

"Annual Industry Accounts" (June 2010) presents the comprehensive revision of these accounts and summarizes the source data and any changes in the methods that are used to prepare the estimates.

Benchmark input-output accounts. Concepts and Methods of the U.S. Input-Output Accounts (September 2006) describes the concepts and methods that underlie the preparation of these accounts.

Satellite accounts. These accounts extend the analytical capacity of the input-output accounts by focusing on a particular aspect of economic activity.

"U.S. Travel and Tourism Satellite Accounts"

For 1998–2006 (June 2007)

For 2004–2007 (June 2008)

For 2005-2008 (June 2009)

For 2004–2009 (November 2010)

International accounts

The international accounts encompass the international transactions accounts, direct investment, and international transactions in services.

International transactions accounts and international investment position accounts. "A Guide to the U.S. International Transactions Accounts and the U.S. International Investment Position Accounts" (February 2010) introduces these accounts.

The Balance of Payments of the United States: Concepts, Data Sources, and Estimating Procedures (1990) describes the methodologies used to prepare the estimates in the ITAs and the international investment position of the United States. These methodologies are usually updated and improved as part of the annual revisions of the international transactions accounts. The updated and improved methodology is described in a series of articles, the latest of which was published in the July 2010 Survey.

"Modernizing and Enhancing BEA's International Economic Accounts: Recent Progress and Future Directions" (May 2010) provides an overview of BEA's initial and long-term plans to introduce the new international statistical standards from recently updated manuals and other improvements to the accounts.

Direct investment. Updated methodologies are available in U.S. Direct Investment Abroad: Final Results From the 2004 Benchmark Survey (2008) and in Foreign Direct Investment in the United States: Final Results From the 2002 Benchmark Survey (2006).

Additional improvements are described in the following annual articles: "Direct Investment Positions: Country and Industry Detail" (September) and Operations of U.S. Multinational Companies (August) and of U.S. Affiliates of Foreign Companies (November).

International services. The methodology used to prepare the estimates is usually updated and improved in a series of articles, the latest of which was published in the October 2010 Survey.

"Selected Issues in the Measurement of U.S. International Services" (June 2002) describes key issues in defining and measuring insurance, wholesale and retail trade, finance, construction, and utilities services.

Regional accounts

The regional accounts include estimates of personal income and gross domestic product.

Personal income. Estimates of personal income are prepared for states and for local areas.

State Personal Income (2009) describes the improvements in the methodology that is used to prepare the quarterly and annual estimates. This methodology has been updated in "Regional Quarterly Report: Comprehensive Revision" (November 2009).

Local Area Personal Income (2009) describes the detailed methodology that is used to prepare the estimates for counties, metropolitan divisions and areas, micropolitan areas, and BEA economic areas and regions. This methodology has been updated in "Comprehensive Revision of Local Area Personal Income" (May 2010).

Gross domestic product. Estimates of gross domestic product (GDP) are prepared for states and metropolitan areas.

Gross Domestic Product by State (2006) describes the sources and the methods that are used to prepare the estimates.

"Gross Domestic Product by State" (Dece mber 2010) presents the results of the most recent comprehensive revision.

"Introducing New Measures of the Metropolitan Economy: Prototype Estimates of GDP by Metropolitan Area" (November 2007) describes the potential uses of the estimates.