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# **Entrepreneurship**

he U.S. economy's remarkable resilience in the face of shocks arguably owes to an array of institutions and policies that reward entrepreneurial activity. A competitive market system, a sound legal framework that secures property rights, a robust financial system, monetary stability, low inflation, and generally flexible labor markets encourage new business start-ups. Together these ingredients act as an engine for sustainable long-run economic growth. In such an environment, entrepreneurs have strong incentives to develop new products and new technologies and to discover profit opportunities that ultimately direct society's resources toward the most productive activities.

In the United States, entrepreneurship fosters small business growth. Firms with fewer than 500 employees represent about 99.7 percent of all firms and account for about half of all private nonfarm output and employment. As one would expect, the turnover among small firms is very high. In 2002, for example, 550,100 new firms were created and 584,500 firms closed down. Between 1999 and 2000, job creation by new or expanding establishments of small firms amounted to about 10.8 million employees, while job destruction at establishments that downsized or closed totaled about 8.3 million employees. The net change of 2.5 million employees in small firms, however, represented 75 percent of the net nonfarm employment change in the United States.<sup>1</sup>

Economists Steven Kreft and Russell Sobel argue that the key link between economic freedom—the combination of favorable legal institutions and tax and regulatory policies—and economic growth is entrepreneurial activity.<sup>2</sup> While several studies have found that nations with higher economic freedom tend to have larger per capita income and higher rates of economic growth, Kreft and Sobel analyze entrepreneurial activity across the 50 U.S. states as a function of political, legal, and regulatory factors. They find a statistically significant and positive relationship between the growth of entrepreneurial activity—measured by the annual growth rate of sole proprietorships—and states' scores on an index of economic freedom.

Their results suggest that a state's economic freedom is an essential factor in the state's ability to create and attract entrepreneurial activity. The economic freedom index is a composite measure of three areas of state policies: size of government, discriminatory taxation, and labor-market flexibility.<sup>3</sup> The table illustrates the positive relationship between the economic freedom score in 1996 and the growth in entrepreneurial activity in the period 1996-2001. The five states with the highest freedom scores experienced, on average, higher growth in the rate of entrepreneurship—measured as the number of nonfarm sole proprietors divided by the population between 25 and 64 years of age—than did the five states with the lowest freedom scores.

These analyses, Kreft and Sobel insist, strongly suggest that political and economic liberties do not work individually to promote economic growth, but rather they exert influence as a complementary group through their incentive effect on entrepreneurial activity.

### -Rubén Hernández-Murillo

<sup>1</sup>United States Small Business Administration, http://www.sba.gov/advo/stats/.

<sup>&</sup>lt;sup>3</sup>Karabegović, Amela; McMahon, Fred; Samida, Dexter; with Mitchell, Glenn. "Economic Freedom of North America 2004 Annual Report." The Fraser Institute (Canada), 2004.

	Economic Freedom Score 1996 (0-10)	Growth of Entrepreneurship 1996-2001 (%)
Five highest scores	s	
Delaware	7.7	12.2
Colorado	7.4	7.9
Wyoming	7.4	4.6
South Dakota	7.3	5.5
Georgia	7.2	7.2
Average	7.4	7.5
Five lowest scores		
Washington	6.0	0.5
Maine	5.7	6.8
Rhode Island	5.7	6.0
West Virginia	5.7	8.2
Montana	5.6	5.0
Average	5.7	5.3

SOURCES: Sole proprietorships: Bureau of Economic Analysis. Population: intercensal estimates of population, Bureau of the Census. Economic Freedom Index: The Fraser Institute.

Views expressed do not necessarily reflect official positions of the Federal Reserve System.

<sup>&</sup>lt;sup>2</sup>Kreft, Steven F. and Sobel, Russell S. "Public Policy, Entrepreneurship, and Economic Growth." Unpublished manuscript, West Virginia University, 2003.

# **Contents**

Page	
3	Economy at a Glance
4	Output and Growth
7	Interest Rates
8	Inflation and Prices
10	Labor Markets
12	Consumer Spending
14	Investment Spending
16	Government Revenues, Spending, and Debt
18	International Trade
20	Productivity and Profits
22	Quick Reference Tables
27	Notes and Sources
28	How to Register for National Economic Trends Email Notifications

# Conventions used in this publication:

- 1. Shaded areas indicate recessions, as determined by the National Bureau of Economic Research.
- 2. *Percent change* refers to simple percent changes. *Percent change from year ago* refers to the percent change from the same month or quarter during the previous year. *Compounded annual rate of change* shows what the growth rate would be over an entire year if the same simple percent change continued for four quarters or twelve months. The compounded annual rate of change of x between the previous quarter t-1 and the current quarter t is:  $[(x_t/x_{t-1})^4-1]\times 100$ . For monthly data replace 4 with 12.
- 3. All data with significant seasonal patterns are adjusted accordingly, unless labeled NSA.

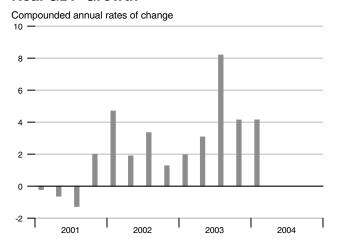
We welcome your comments addressed to:

Editor, *National Economic Trends* Research Division Federal Reserve Bank of St. Louis P.O. Box 442 St. Louis, MO 63166-0442

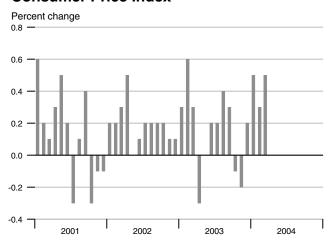
or to:

stlsFRED@stls.frb.org

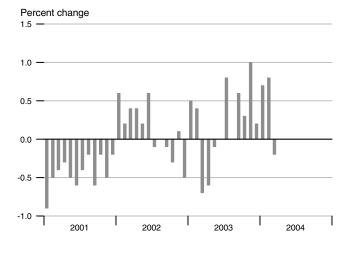
# **Real GDP Growth**



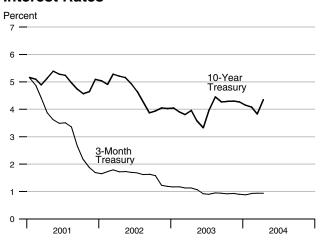
# **Consumer Price Index**



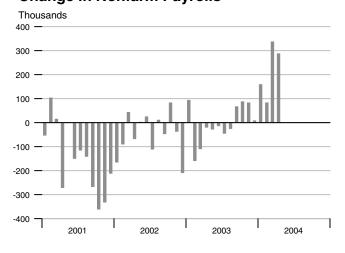
# **Industrial Production**



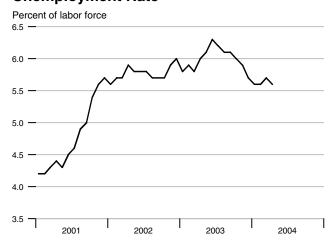
### **Interest Rates**



# **Change in Nonfarm Payrolls**

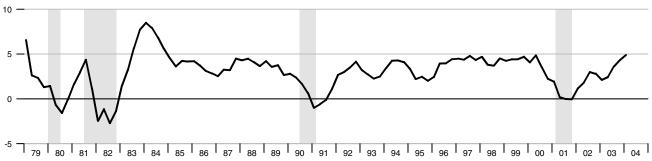


# **Unemployment Rate**

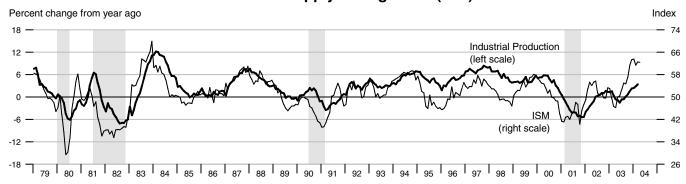


### **Real Gross Domestic Product**





# Industrial Production and Institute for Supply Management (ISM) Indexes



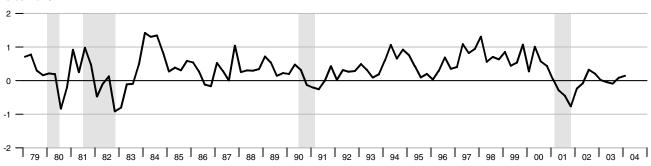
# **Aggregate Private Nonfarm Hours**

Percent change from year ago

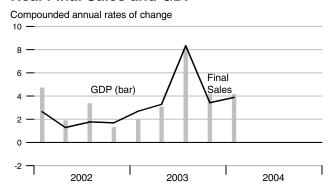


# Real Change in Private Inventories

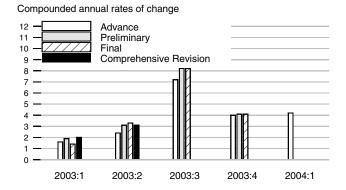
Percent of GDP



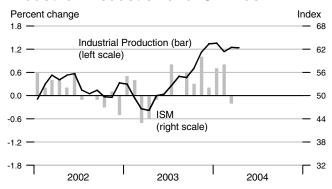
### **Real Final Sales and GDP**



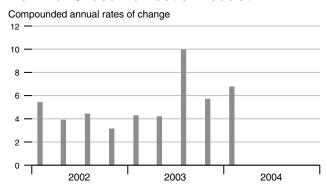
### **Real GDP Revisions**



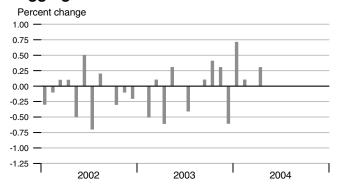
# **Industrial Production and ISM Index**



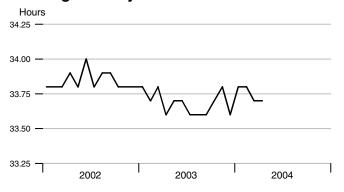
# **Nominal Gross Domestic Product**



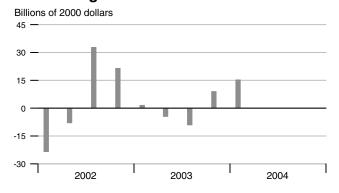
# **Aggregate Private Nonfarm Hours**



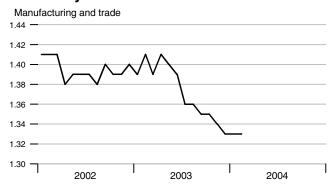
# **Average Weekly Private Nonfarm Hours**



# **Real Change in Private Inventories**

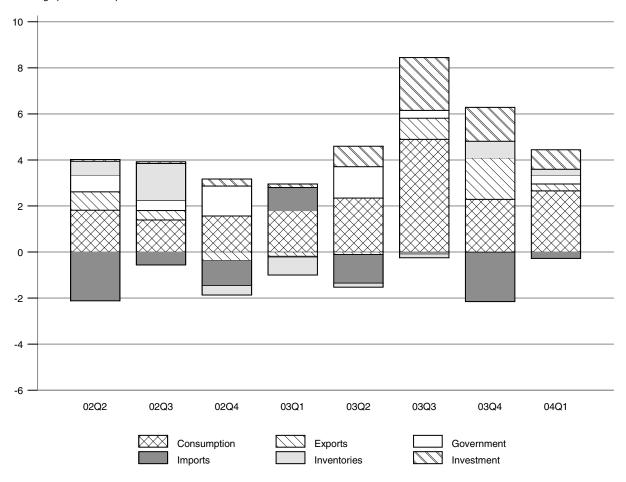


# **Inventory-Sales Ratio**



# **Contribution of Components to Real GDP Growth**

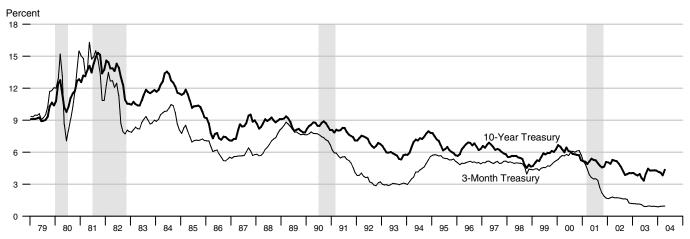
Percentage points at compounded annual rates



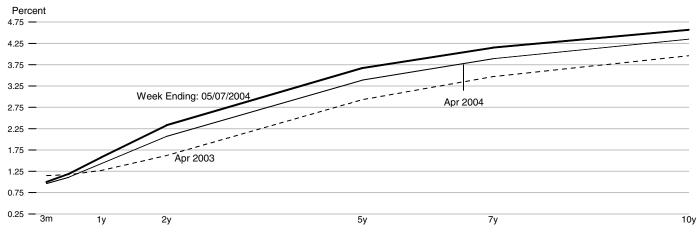
# **Contributions to Real GDP Growth Rate**

	2002			2003				2004
	2nd	3rd	4th	1st	2nd	3rd	4th	1st
Final Sales	1.29	1.78	1.69	2.71	3.26	8.33	3.43	3.89
Change in Inventory	0.61	1.58	-0.40	-0.74	-0.17	-0.13	0.71	0.27
Consumption	1.81	1.39	1.57	1.80	2.34	4.89	2.29	2.65
Fixed Investment	0.08	0.08	0.31	0.16	0.90	2.30	1.48	0.84
Nonresidential	-0.33	-0.12	-0.01	-0.06	0.68	1.25	1.08	0.73
Residential	0.41	0.20	0.32	0.22	0.22	1.05	0.40	0.11
Government	0.72	0.46	1.29	-0.07	1.36	0.34	-0.01	0.37
Federal	0.64	0.26	1.11	-0.01	1.46	0.09	0.05	0.67
State and Local	80.0	0.20	0.18	-0.06	-0.10	0.25	-0.06	-0.30
Net Exports	-1.32	-0.15	-1.47	0.81	-1.34	0.80	-0.32	0.02
Exports	0.80	0.41	-0.37	-0.19	-0.11	0.92	1.81	0.31
Imports	-2.12	-0.56	-1.10	1.00	-1.24	-0.12	-2.14	-0.28
Residual	0.14	-0.04	0.16	0.04	0.09	-0.04	-0.01	-0.02
Real GDP Growth	1.90	3.36	1.29	1.97	3.09	8.20	4.14	4.16

### **Interest Rates**



# **Treasury Yield Curve**

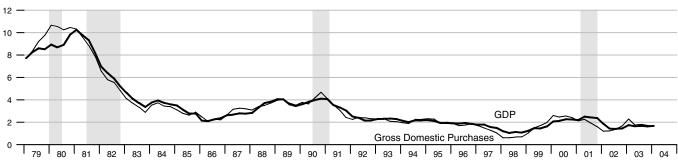


# Standard and Poor's 500 Index with Reinvested Dividends



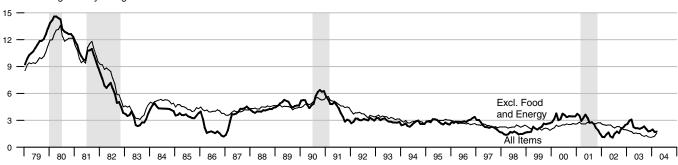
# **NIPA Chain Price Indexes**

Percent change from year ago



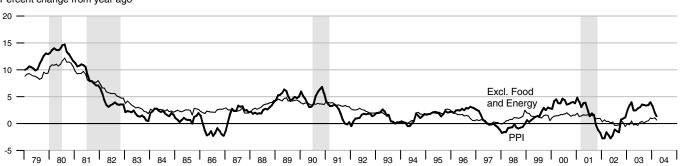
# **Consumer Price Index**

Percent change from year ago



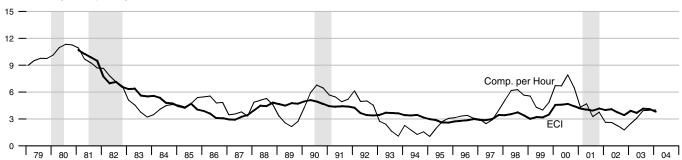
# **Producer Price Index, Finished Goods**

Percent change from year ago

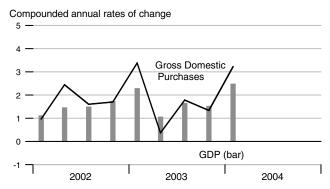


# **Employment Cost Index and Compensation per Hour**

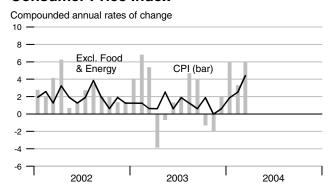
Percent change from year ago



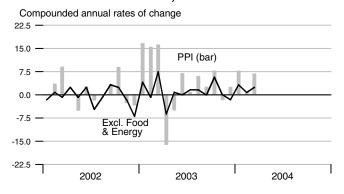
### **NIPA Chain Price Indexes**



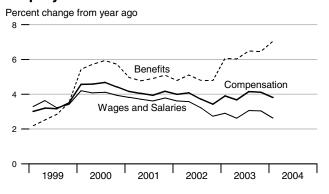
# **Consumer Price Index**



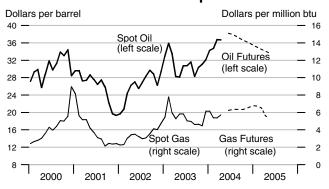
# **Producer Price Index, Finished Goods**



# **Employment Cost Index**

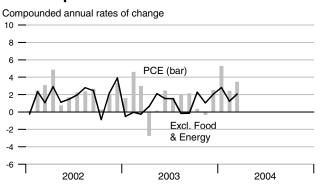


# Oil & Natural Gas Prices: Spot & Futures

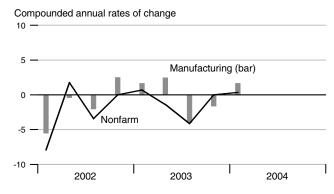


Note: Futures prices as of 05/03/2004.

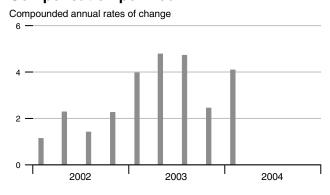
# **Consumption Chain Price Index**



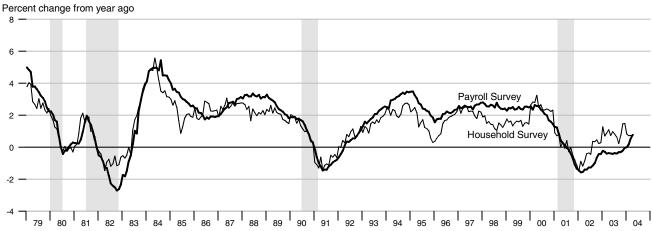
### **Unit Labor Cost**



# **Compensation per Hour**

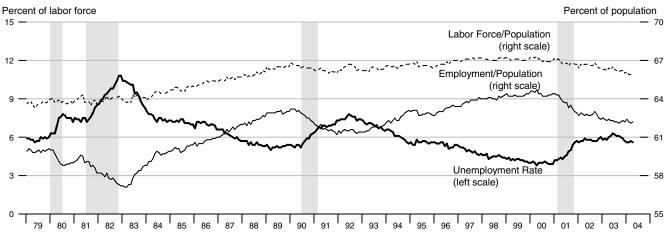


# **Employment**



See the Notes section at the end of this publication for the Feb. 7, 2003, revisions to the Household Survey, and the June 6, 2003, revisions to the Establishment Survey.

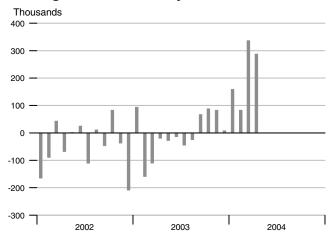
# **Unemployment, Labor Force Participation, and Employment Rates**



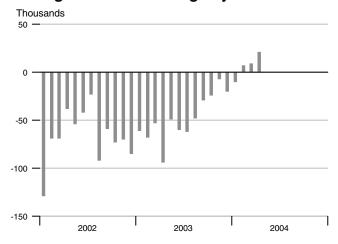
# **Duration of Unemployment**



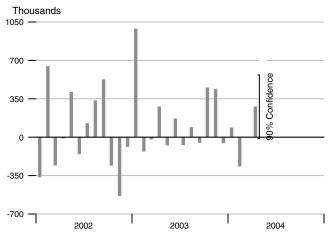
# **Change in Nonfarm Payrolls**



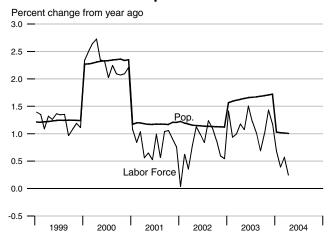
# **Change in Manufacturing Payrolls**



# **Change in Household Employment**



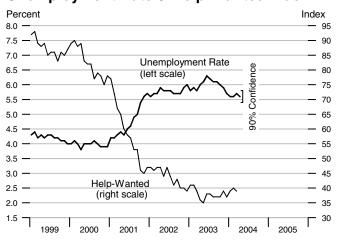
# **Labor Force and Population**



# **Available Labor Supply and Components**

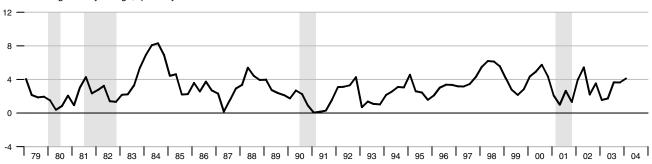


# **Unemployment Rate & Help-Wanted Index**



### **Real Disposable Personal Income**

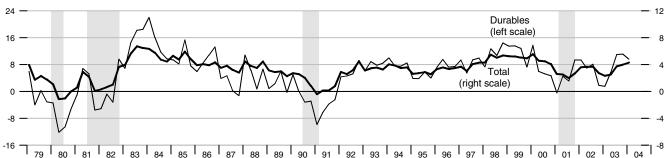
Percent change from year ago, quarterly data



# **Real Consumption**

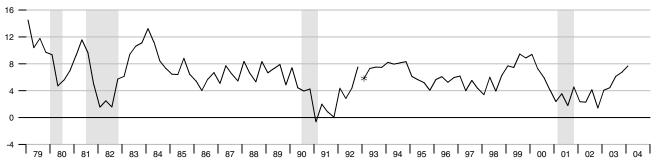
Percent change from year ago, quarterly data

Percent change from year ago, quarterly data



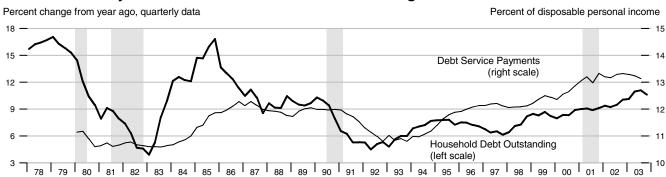
# **Retail and Food Services Sales**

Percent change from year ago, quarterly average

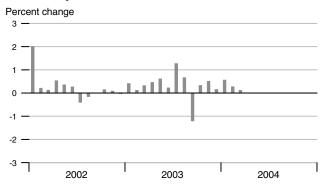


<sup>\*</sup>Data from Jan. 1992 to the present are on a NAICS basis; data prior to Jan. 1992 are on an SIC basis and are not strictly comparable (see End Note).

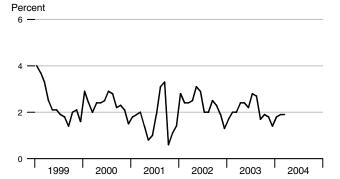
# **Debt Service Payments and Household Debt Outstanding**



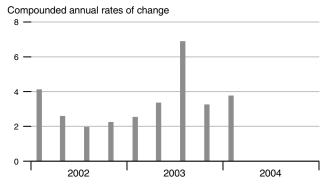
# **Real Disposable Personal Income**



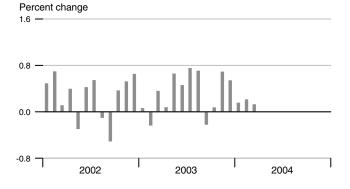
# **Personal Saving Rate**



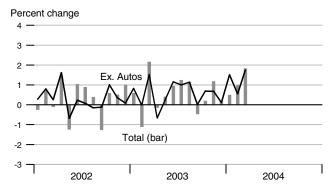
# **Real Consumption**



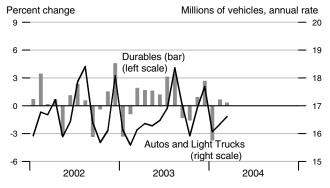
# **Real Consumption**



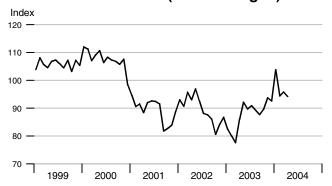
### **Retail & Food Services**



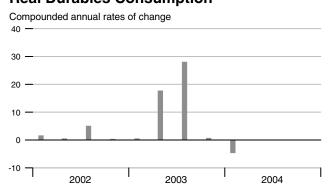
# **Real Durables Consumption & Vehicle Sales**



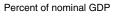
# **Consumer Sentiment (U. of Michigan)**

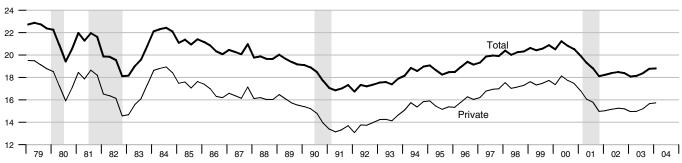


# **Real Durables Consumption**

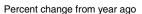


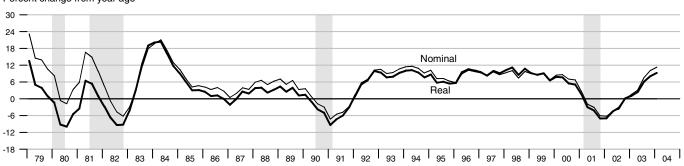
### Investment



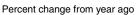


# **Private Fixed Investment**





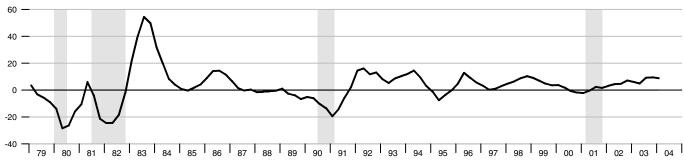
# **Real Nonresidential Fixed and Equipment & Software Investment**



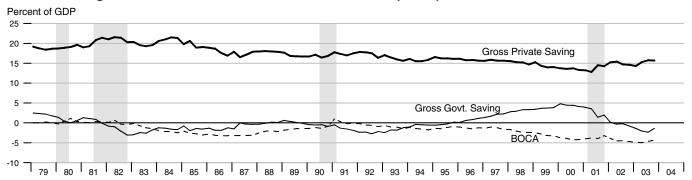


### **Real Residential Fixed Investment**

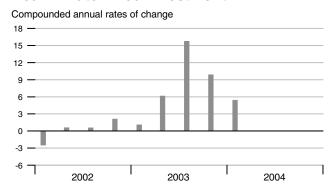
Percent change from year ago



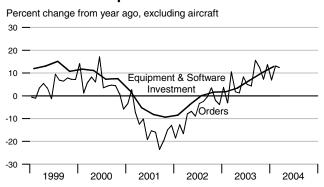
# **Gross Saving Rates and Balance on Current Account (NIPA)**



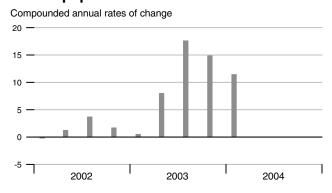
### **Real Private Fixed Investment**



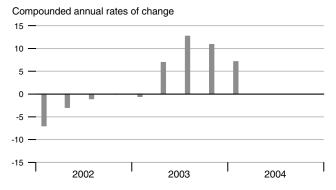
# **Nondefense Capital Goods Orders**



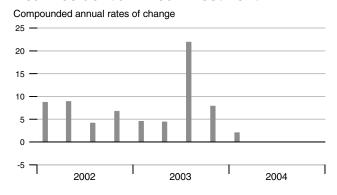
# **Real Equipment & Software Investment**



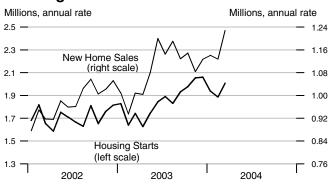
# **Real Nonresidential Fixed Investment**



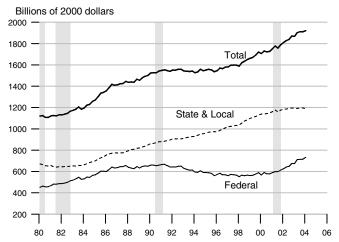
### **Real Residential Fixed Investment**



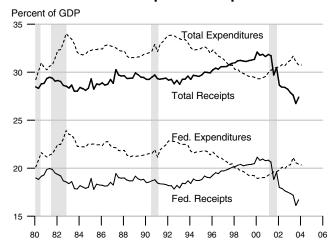
# **Housing Starts and New Home Sales**



# **Govt. Consumption and Investment**



# **Govt. Current Receipts and Expenditures**

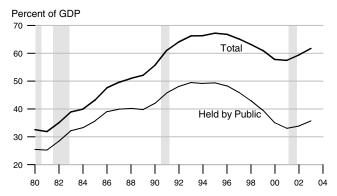


# **Government Budgets**

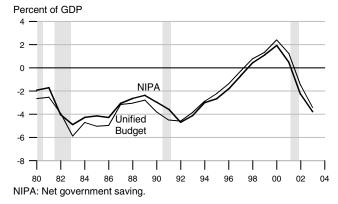
Billions of dollars

	ioliars	Na	ational Incor Calenda		s		Ur	nified Bud Fiscal Years	get		
	S	tate and Loca	ıl		Federal		Federal				
	Receipts	Expenditures	Surplus or Deficit (-)	Receipts	Expenditures	Surplus or Deficit (-)	Receipts	Outlays	Surplus or Deficit (-)		
1991	789.2	793.3	-4.1	1101.3	1315.0	-213.7	1055.0	1324.4	-269.3		
1992	845.7	845.0	0.7	1147.2	1444.6	-297.4	1091.3	1381.7	-290.4		
1993	886.9	886.0	0.9	1222.5	1496.0	-273.5	1154.4	1409.5	-255.1		
1994	942.9	932.4	10.5	1320.8	1533.1	-212.3	1258.6	1461.9	-203.3		
1995	990.2	978.2	12.0	1406.5	1603.5	-197.0	1351.8	1515.8	-164.0		
1996	1043.3	1017.5	25.8	1524.0	1665.8	-141.8	1453.1	1560.5	-107.5		
1997	1097.4	1058.3	39.1	1653.1	1708.9	-55.8	1579.3	1601.3	-22.0		
1998	1163.2	1111.2	52.0	1773.8	1734.9	38.9	1721.8	1652.6	69.2		
1999	1236.7	1186.3	50.4	1891.2	1787.6	103.6	1827.5	1701.9	125.6		
2000	1319.5	1269.5	50.0	2053.8	1864.4	189.4	2025.2	1788.8	236.4		
2001	1382.7	1365.4	17.3	2017.8	1967.3	50.5	1991.0	1863.8	127.3		
2002	1424.7	1427.9	-3.2	1860.7	2100.7	-240.0	1853.2	2011.0	-157.7		
2003	1500.9	1501.5	-0.6	1849.4	2263.9	-414.5	1782.3	2157.6	-375.3		
2001Q2	1396.5	1371.8	24.7	2082.9	1953.9	129.0	660.3	466.5	193.7		
2001Q3	1371.4	1359.7	11.7	1901.8	1981.9	-80.1	409.0	450.7	-41.7		
2001Q4	1392.6	1395.6	-3.0	1998.2	2001.1	-2.9	466.3	501.7	-35.4		
2002Q1	1393.0	1400.3	-7.3	1857.7	2046.5	-188.8	412.6	509.2	-96.6		
2002Q2	1406.2	1418.2	-12.0	1865.4	2097.4	-232.0	522.6	506.9	15.6		
2002Q3	1442.8	1436.1	6.7	1859.9	2102.8	-242.9	451.7	493.2	-41.5		
2002Q4	1456.6	1457.0	-0.4	1859.7	2156.1	-296.4	427.3	535.6	-108.2		
2003Q1	1441.2	1481.8	-40.6	1863.5	2184.0	-320.5	397.7	542.6	-144.9		
2003Q2	1477.9	1492.6	-14.7	1863.9	2288.5	-424.6	527.6	544.2	-16.6		
2003Q3	1528.0	1514.9	13.1	1788.9	2283.7	-494.8	429.4	534.0	-104.5		
2003Q4	1556.6	1516.6	40.0	1881.3	2299.2	-417.9	440.8	569.4	-128.7		
2004Q1		1534.2			2326.8		409.6	580.4	-170.8		

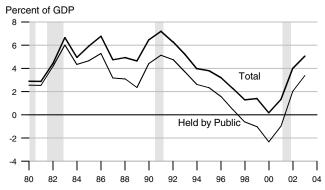
### **Federal Debt**



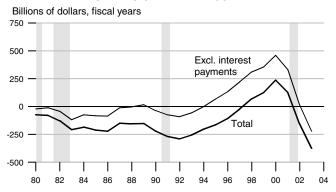
# Federal Surplus (+) / Deficit (-)



# **Change in Federal Debt**



# Federal Surplus (+) / Deficit (-), Unified Basis

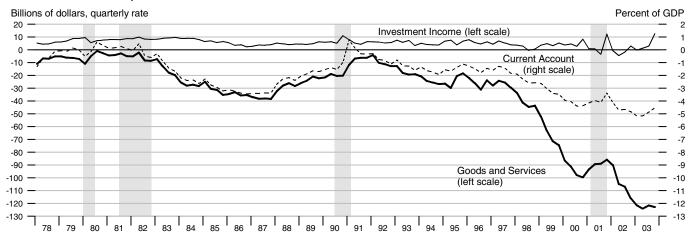


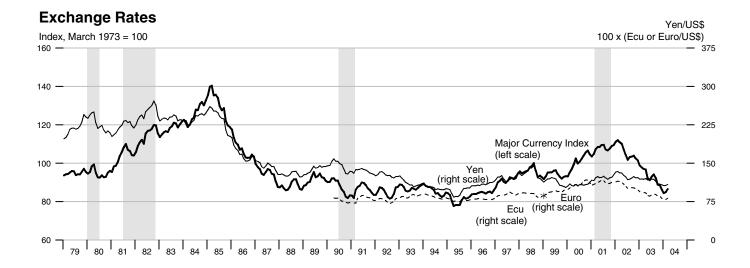
### **Federal Government Debt**

Billions of dollars, end of month or fiscal year Excludes Agency-issued debt

			Held by	Held	by Public	Held by Pi	rivate Investors
		Total Public Debt	Agencies and Trusts	Total	Federal Reserve Banks	Total	Foreign and International
2001		5807.5	2468.8	3338.7	534.1	2779.7	1005.5
2002		6228.2	2675.7	3552.6	604.2	2924.8	1200.8
2003		6783.2	2859.4	3923.9	656.1	3268.0	1459.3
2000	March	5773.4	2085.4	3688.0	501.7	3182.8	1106.9
	June	5685.9	2190.2	3495.7	505.0	2987.3	1082.0
	September	5674.2	2235.7	3438.5	511.4	2936.3	1057.9
	December	5662.2	2248.7	3527.4	511.7	2880.4	1034.2
2001	March	5773.7	2339.4	3434.4	523.9	2892.8	1029.9
	June	5726.8	2452.6	3274.2	535.1	2722.6	1000.5
	September	5807.5	2468.8	3338.7	534.1	2779.7	1005.5
	December	5943.4	2549.7	3393.8	551.7	2819.5	1053.2
2002	March	6006.0	2562.4	3443.7	575.4	2849.2	1067.1
	June	6126.5	2662.9	3463.5	590.7	2849.8	1135.4
	September	6228.2	2675.7	3552.6	604.2	2924.8	1200.8
	December	6405.7	2758.3	3647.4	629.4	3018.5	1246.8
2003	March	6460.8	2750.0	3710.8	641.5	3069.8	1288.5
	June	6670.1	2853.8	3816.3	652.1	3164.7	1385.3
	September	6783.2	2859.4	3923.9	656.1	3268.0	1459.3
	December	6998.0	2954.5	4043.5	666.7	3377.9	1538.0

# **Current Account, Trade and Investment Income Balances**

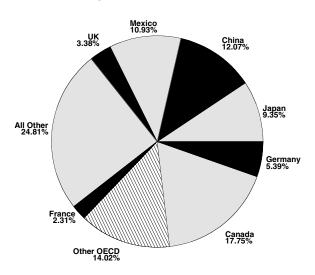




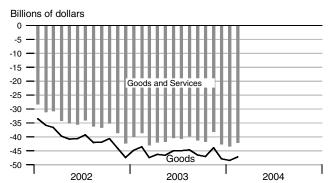
# **Goods Export Shares, 2003**

# All Other 22.52% China 3.98% Japan 7.29% Germany 4.04% Other OECD 17.59% Canada 23.78%

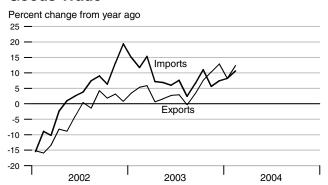
# Goods Import Shares, 2003



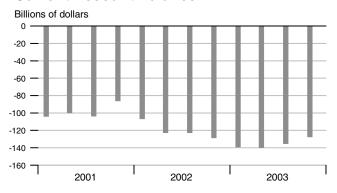
### **Trade Balance**



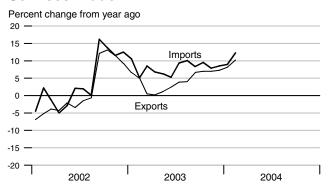
# **Goods Trade**



# **Current Account Balance**

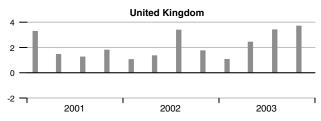


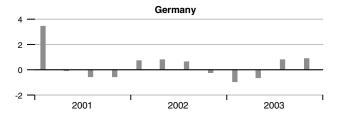
# **Services Trade**

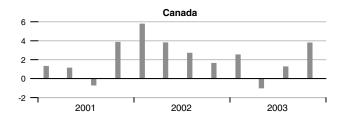


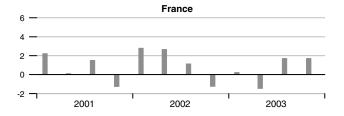
# **Real GDP Growth of Major Trading Partners**

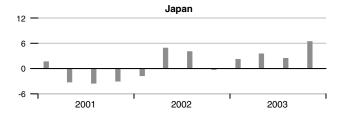
Compounded annual rates of change

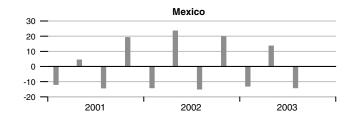




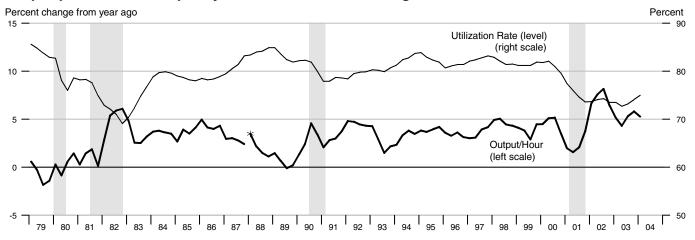






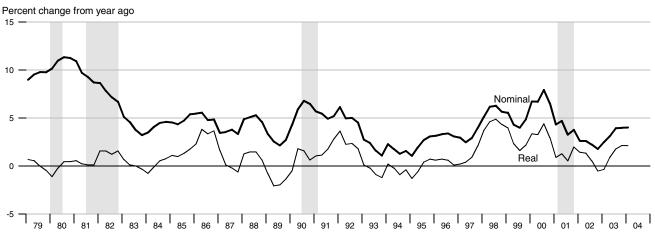


# **Output per Hour and Capacity Utilization, Manufacturing**

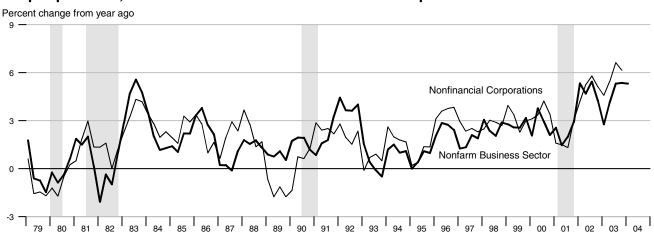


<sup>\*</sup>Data from 1987 to the present are on a NAICS basis; data prior to 1987 are on an SIC basis and are not strictly comparable (see End Note).

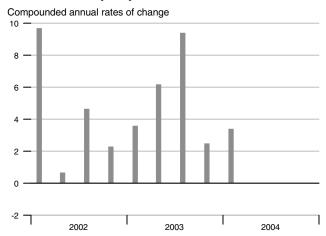
# **Nonfarm Compensation per Hour**



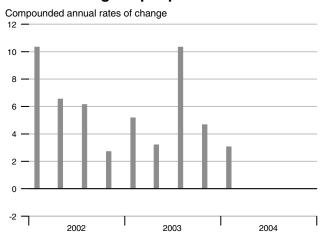
# **Output per Hour, Nonfarm Business and Nonfinancial Corporations**



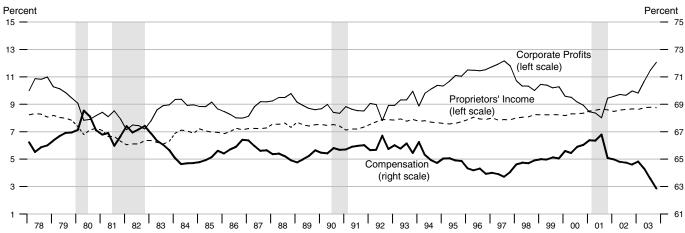
# **Nonfarm Output per Hour**



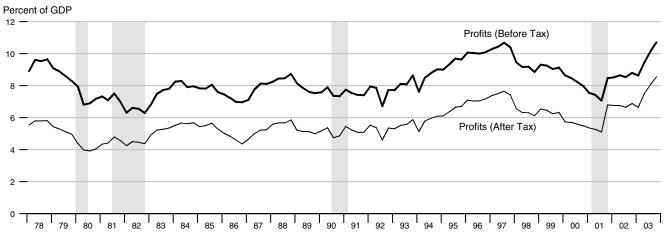
# **Manufacturing Output per Hour**



# **Selected Component Shares of National Income**



# **Corporate Profits**



7.0 0.8 0.8 0.8 7.9 4.8 2.9 3.2 2.6 3.9 3.9 3.9 3.3 3.9 3.9 3.3 4.4 3.7 3.1 5.8 4.3 6.7 4.0 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7	2002 2003 01 1 2 3 4 02 1 2 3	Percent change		eal GDP Percent	change	FII	nal Sales Percent			ange in Invento	ries
0.8 0.8 7.9 4.8 2.9 6.2 0.3 3.9 3.9 3.9 3.3 5.4 3.3 3.9 3.9 4.4 3.7 3.1 5.8 4.3 6.7 4.0	2001 2002 2003 01 1 2 3 4 02 1 2 3	Annual Year rate ago	Billions of 2000 \$	Annual rate	Year ago	Billions of 2000 \$	Annual rate	Year ago		s of 2000 S Year/Yea	<u> </u>
0.8 7.9 4.8 2.9 3.2 2.6 3.2 0.3 3.9 3.9 9.3 5.4 3.3 3.9 2.0 4.4 3.7 3.1 5.8 4.3 6.7 4.2 7.0 10.0	2002 2003 01 1 2 3 4 02 1 2 3	5.9	9817.000		3.7	9760.500		3.8		56.50	00
7.9  4.8  2.9  3.2  2.6  3.9  3.9  3.9  3.3  5.4  3.3  3.9  3.7  3.1  5.8  4.3  6.7  4.0  10.0	2003 01 1 2 3 4 02 1 2 3	2.9	9866.600		0.5	9901.100		1.4		-36.00	00
4.8 2.9 3.2 2.6 3.2 0.3 3.9 3.9 9.3 5.4 3.3 3.9 2.0 4.4 3.7 3.1 5.8 4.3 6.7 4.2 7.0 10.0	01 1 2 3 4 02 1 2 3	3.8	10083.000		2.2	10076.900		1.8		5.70	00
3.2 2.6 3.2 0.3 3.9 3.9 3.3 5.4 3.3 3.9 2.0 4.4 3.7 3.1 5.8 4.3 6.7 4.2 7.0 10.0	2 3 4 02 1 2 3	4.8	10398.000		3.1	10395.000		3.2		-0.70	00
6.2 0.3 3.9 3.9 9.3 5.4 3.3 3.9 2.0 4.4 3.7 3.1 5.8 4.3 6.7 4.2 7.0 10.0	3 4 02 1 2 3	2.9 4.1	9882.200	-0.2	1.9	9877.500	1.4	2.2	4.300	50.82	25
3.9 3.9 3.3 5.4 3.3 3.9 2.0 4.4 3.7 3.1 5.8 4.3 6.7 4.2 7.0 10.0	4 02 1 2 3	2.6 2.7	9866.300	-0.6	0.2	9895.300	0.7	1.5	-28.800	18.80	00
9.3 5.4 3.3 3.9 2.0 4.4 3.7 3.1 5.8 4.3 6.7 4.2 7.0 10.0	02 1 2 3	0.3 2.4	9834.600	-1.3	-0.0	9876.900	-0.7	1.0	-44.000	-6.25	
3.3 3.9 2.0 4.4 3.7 3.1 5.8 4.3 6.7 4.2 7.0 10.0	2	3.9 2.4	9883.600	2.0	-0.0	9954.900	3.2	1.1	-75.500	-36.00	00
2.0 4.4 3.7 3.1 5.8 4.3 6.7 4.2 7.0 10.0	3	5.4 3.0	9997.900	4.7	1.2	10020.100	2.6	1.4	-23.500	-42.95	50
3.7 3.1 5.8 4.3 6.7 4.2 7.0 10.0		3.9 3.4	10045.100	1.9	1.8	10052.300	1.3	1.6	-8.000	-37.75	
5.8 4.3 6.7 4.2 7.0 10.0		4.4 4.4	10128.400	3.4	3.0	10096.400	1.8	2.2	32.800	-18.55	
6.7 4.2 7.0 10.0	4	3.1 4.2	10160.800	1.3	2.8	10138.900	1.7	1.8	21.500	5.70	00
7.0 10.0	03 1	4.3 3.9	10210.400	2.0	2.1	10206.400	2.7	1.9	1.600	11.97	75
	2	4.2 4.0	10288.300	3.1	2.4	10289.500	3.3	2.4	-4.500	12.85	50
	3	10.0 5.4	10493.100	8.2	3.6	10497.700	8.3	4.0	-9.100	2.37	75
2.0 5.7	4	5.7 6.0	10600.100	4.1	4.3	10586.400	3.4	4.4	9.000	-0.75	50
7.8 6.8	04 1	6.8 6.6	10708.600	4.2	4.9	10687.800	3.9	4.7	15.300	2.67	75
		nsumption Percent change	Durables	<b>Consun</b> Percent	-	Private Fix	<b>ced Inves</b>		Non Fixed	resident Investm	ial ent change
ns Annu		Annual Year rate ago	Billions of 2000 \$	Annual rate	Year ago	Billions of 2000 \$	Annual rate	Year ago	Billions of 2000 \$	Annual rate	Year ago
400		4.7	863.300		7.3	1679.000		6.5	1232.100		8.7
600		2.5	899.100		4.1	1625.700		-3.2	1176.800		-4.5
400		3.4	957.200		6.5	1565.800		-3.7	1092.600		-7.2
200		3.1	1027.500		7.3	1635.200		4.4	1125.500		3.0
700 0.5	-	0.5 2.6	869.100	1.7	-0.4	1677.800	-2.7	1.6	1233.600	-4.5	3.1
		2.3 2.5	889.600	9.8	4.5	1638.000	-9.2	-3.0	1189.400	-13.6	-4.0
		1.9 2.0	891.100	0.7	3.2	1616.100	-5.2	-4.2	1163.700	-8.4	-6.5
		6.2 2.7	946.600	27.3	9.4	1570.700	-10.8	-7.0	1120.600	-14.0	-10.2
200 4.1	02 1	4.1 3.6	950.300	1.6	9.3	1560.900	-2.5	-7.0	1100.400	-7.0	-10.8
			951.400		6.9		0.6			-3.0	-8.2
			963.100	5.0	8.1		0.6	-3.1	1089.100	-1.1	-6.4
		2.2 2.7	963.800	0.3	1.8	1573.500	2.1	0.2	1088.900	-0.1	-2.8
	03 1	2.5 2.3	965.000	0.5	1.5	1577.700	1.1	1.1	1087.300	-0.6	-1.2
100 2.5			1005.100	17.7	5.6	1601.400	6.1	2.4	1105.800	7.0	1.3
					11.0	1661.000		6.1	1139.500	12.8	4.6
000 3.3		3.2 4.0	1070.800	0.6	11.1	1700.600	9.9	8.1	1169.400	10.9	7.4
000 3.3 600 6.9	7		1058.100	-4.7	9.6	1723.200	5.4	9.2	1189.800	7.2	9.4
20 20 50 20	4	00 00 00 00 00 00	00     6.2     2.7       00     4.1     3.6       00     2.6     3.7       00     2.0     3.7       00     2.2     2.7       00     2.5     2.3       00     3.3     2.5       00     6.9     3.7	00     6.2     2.7     946.600       00     4.1     3.6     950.300       00     2.6     3.7     951.400       00     2.0     3.7     963.100       00     2.2     2.7     963.800       00     2.5     2.3     965.000       00     3.3     2.5     1005.100       00     6.9     3.7     1069.100       00     3.2     4.0     1070.800	00     6.2     2.7     946.600     27.3       00     4.1     3.6     950.300     1.6       00     2.6     3.7     951.400     0.5       00     2.0     3.7     963.100     5.0       00     2.2     2.7     963.800     0.3       00     2.5     2.3     965.000     0.5       00     3.3     2.5     1005.100     17.7       00     6.9     3.7     1069.100     28.0       00     3.2     4.0     1070.800     0.6	00     6.2     2.7     946.600     27.3     9.4       00     4.1     3.6     950.300     1.6     9.3       00     2.6     3.7     951.400     0.5     6.9       00     2.0     3.7     963.100     5.0     8.1       00     2.2     2.7     963.800     0.3     1.8       00     2.5     2.3     965.000     0.5     1.5       00     3.3     2.5     1005.100     17.7     5.6       00     6.9     3.7     1069.100     28.0     11.0       00     3.2     4.0     1070.800     0.6     11.1	00     6.2     2.7     946.600     27.3     9.4     1570.700       00     4.1     3.6     950.300     1.6     9.3     1560.900       00     2.6     3.7     951.400     0.5     6.9     1563.200       00     2.0     3.7     963.100     5.0     8.1     1565.400       00     2.2     2.7     963.800     0.3     1.8     1573.500       00     2.5     2.3     965.000     0.5     1.5     1577.700       00     3.3     2.5     1005.100     17.7     5.6     1601.400       00     6.9     3.7     1069.100     28.0     11.0     1661.000       00     3.2     4.0     1070.800     0.6     11.1     1700.600	00     6.2     2.7     946.600     27.3     9.4     1570.700     -10.8       00     4.1     3.6     950.300     1.6     9.3     1560.900     -2.5       00     2.6     3.7     951.400     0.5     6.9     1563.200     0.6       00     2.0     3.7     963.100     5.0     8.1     1565.400     0.6       00     2.2     2.7     963.800     0.3     1.8     1573.500     2.1       00     2.5     2.3     965.000     0.5     1.5     1577.700     1.1       00     3.3     2.5     1005.100     17.7     5.6     1601.400     6.1       00     6.9     3.7     1069.100     28.0     11.0     1661.000     15.7       00     3.2     4.0     1070.800     0.6     11.1     1700.600     9.9	00       6.2       2.7       946.600       27.3       9.4       1570.700       -10.8       -7.0         00       4.1       3.6       950.300       1.6       9.3       1560.900       -2.5       -7.0         00       2.6       3.7       951.400       0.5       6.9       1563.200       0.6       -4.6         00       2.0       3.7       963.100       5.0       8.1       1565.400       0.6       -3.1         00       2.2       2.7       963.800       0.3       1.8       1573.500       2.1       0.2         00       2.5       2.3       965.000       0.5       1.5       1577.700       1.1       1.1         00       3.3       2.5       1005.100       17.7       5.6       1601.400       6.1       2.4         00       6.9       3.7       1069.100       28.0       11.0       1661.000       15.7       6.1         00       3.2       4.0       1070.800       0.6       11.1       1700.600       9.9       8.1	00       6.2       2.7       946.600       27.3       9.4       1570.700       -10.8       -7.0       1120.600         00       4.1       3.6       950.300       1.6       9.3       1560.900       -2.5       -7.0       1100.400         00       2.6       3.7       951.400       0.5       6.9       1563.200       0.6       -4.6       1092.100         00       2.0       3.7       963.100       5.0       8.1       1565.400       0.6       -3.1       1089.100         00       2.2       2.7       963.800       0.3       1.8       1573.500       2.1       0.2       1088.900         00       2.5       2.3       965.000       0.5       1.5       1577.700       1.1       1.1       1087.300         00       3.3       2.5       1005.100       17.7       5.6       1601.400       6.1       2.4       1105.800         00       6.9       3.7       1069.100       28.0       11.0       1661.000       15.7       6.1       1139.500         00       3.2       4.0       1070.800       0.6       11.1       1700.600       9.9       8.1       1169.400	00       6.2       2.7       946.600       27.3       9.4       1570.700       -10.8       -7.0       1120.600       -14.0         00       4.1       3.6       950.300       1.6       9.3       1560.900       -2.5       -7.0       1100.400       -7.0         00       2.6       3.7       951.400       0.5       6.9       1563.200       0.6       -4.6       1092.100       -3.0         00       2.0       3.7       963.100       5.0       8.1       1565.400       0.6       -3.1       1089.100       -1.1         00       2.2       2.7       963.800       0.3       1.8       1573.500       2.1       0.2       1088.900       -0.1         00       2.5       2.3       965.000       0.5       1.5       1577.700       1.1       1.1       1087.300       -0.6         00       3.3       2.5       1005.100       17.7       5.6       1601.400       6.1       2.4       1105.800       7.0         00       3.2       4.0       1070.800       0.6       11.1       1700.600       9.9       8.1       1169.400       10.9

	GDP Cha		e Index change	Employm	nent Cos		E	CI: Wages		EC	l: Benefits	
	Index	Annual rate	Year ago	Index	Annual rate	Year ago	Index	Annual rate	Year ago	Index	Annual rate	Year ago
2000	100.000		2.2	148.9		4.6	146.0		4.1	156.0		5.7
2001	102.376		2.4	155.0		4.1	151.4		3.7	163.7		4.9
2002	103.949		1.5	160.9		3.8	156.4		3.3	171.7		4.9
2003	105.686		1.7	167.3		4.0	161.0		2.9	182.5		6.3
2001 1	101.478	3.2	2.2	152.7	4.3	4.2	149.4	4.1	3.8	160.7	4.6	5.0
2	102.273	3.2	2.5	154.2	4.0	4.0	150.8	3.8	3.7	162.5	4.6	4.8
3	102.676	1.6	2.4	155.7	3.9	3.9	152.0	3.2	3.6	164.7	5.5	4.9
4	103.078	1.6	2.4	157.4	4.4	4.2	153.5	4.0	3.8	167.0	5.7	5.1
2002 1	103.364	1.1	1.9	158.8	3.6	4.0	154.8	3.4	3.6	168.4	3.4	4.8
2	103.738	1.5	1.4	160.5	4.4	4.1	156.2	3.7	3.6	170.8	5.8	5.1
3	104.123	1.5	1.4	161.5	2.5	3.7	156.9	1.8	3.2	172.6	4.3	4.8
4	104.571	1.7	1.4	162.8	3.3	3.4	157.7	2.1	2.7	175.0	5.7	4.8
2003 1	105.163	2.3	1.7	165.0	5.5	3.9	159.3	4.1	2.9	178.6	8.5	6.1
2	105.440	1.1	1.6	166.4	3.4	3.7	160.3	2.5	2.6	181.1	5.7	6.0
3	105.870	1.6	1.7	168.2	4.4	4.1	161.7	3.5	3.1	183.8	6.1	6.5
4	106.270	1.5	1.6	169.5	3.1	4.1	162.5	2.0	3.0	186.3	5.6	6.5
2004 1	106.923	2.5	1.7	171.3	4.3	3.8	163.5	2.5	2.6	191.2	10.9	7.1
		Exports			Imports			Nonfarm out per Ho	our	Compen	lonfarm sation pe	r Hour
		-	change	'	Percent	change		Percent		Compon	Percent	
	Billions of 2000 \$	Annual rate	Year ago	Billions of 2000 \$	Annual rate	Year ago	Index	Annual rate	Year ago	Index	Annual rate	Year ago
2000	1096.300		8.7	1475.800		13.1	115.3		2.8	133.7		7.0
2001	1039.000		-5.2	1437.100		-2.6	117.8		2.2	138.9		3.9
2002	1014.200		-2.4	1484.700		3.3	123.6		4.9	142.1		2.3
2003	1034.700		2.0	1543.800		4.0	129.1		4.4	147.0		3.4
2001 1	1099.600	-4.5	3.6	1485.500	-6.2	5.2	116.4	0.0	2.6	137.5	5.7	4.3
2	1060.900	-13.4	-2.8	1452.700	-8.5	-0.9	117.3	3.1	1.5	138.3	2.3	4.7
3	1010.600	-17.7	-9.8	1411.900	-10.8	-6.8	117.8	1.7	2.0	139.3	2.9	3.3
4	984.800	-9.8	-11.5	1398.200	-3.8	-7.4	119.8	7.0	2.9	140.7	4.1	3.8
2002 1	995.400	4.4	-9.5	1426.700	8.4	-4.0	122.6	9.7	5.3	141.1	1.1	2.6
2	1016.500	8.8	-4.2	1484.100	17.1	2.2	122.8	0.7	4.7	141.9	2.3	2.6
3	1027.300	4.3	1.7	1499.200	4.1	6.2	124.2	4.6	5.4	142.4	1.4	2.2
4	1017.500	-3.8	3.3	1529.000	8.2	9.4	124.9	2.3	4.3	143.2	2.3	1.8
2003 1	1012.400	-2.0	1.7	1502.500	-6.8	5.3	126.0	3.6	2.8	144.6	4.0	2.5
2	1009.600	-1.1	-0.7	1535.700	9.1	3.5	127.9	6.2	4.2	146.3	4.8	3.1
3	1033.700	9.9	0.6	1538.900	0.8	2.6	130.8	9.4	5.3	148.0	4.7	3.9
4	1083.100	20.5	6.4	1598.300	16.4	4.5	131.6	2.5	5.4	148.9	2.5	4.0
2004 1	1091.600	3.2	7.8	1606.200	2.0	6.9	132.7	3.4	5.3	150.4	4.1	4.0

		Househol	ld Survey	/ Employ	•	Nonfarm	n Payroll	Employ Percent		Nonfa	rm Aggre	egate H	
		Thousands	Change	Annual rate	Year ago	Thousands	Change	Annual rate	Year ago	Index	Monthly rate		Year ago
1999	9	133501	2025		1.5	128992	3068		2.4	101.6			2.1
2000	0	136902	3401		2.5	131791	2800		2.2	103.5			1.8
200	1	136944	42		0.0	131837	46		0.0	102.1			-1.3
2002	2	136487	-456		-0.3	130343	-1494		-1.1	100.0			-2.1
200	3	137739	1252		0.9	129937	-406		-0.3	98.6			-1.3
2002	1	136061	-192	-0.6	-1.2	130448	-463	-1.4	-1.5	100.3	-0.3	-1.2	-3.0
	2	136318	257	8.0	-0.5	130389	-60	-0.2	-1.4	100.2	-0.0	-0.1	-2.3
	3	136875	557	1.6	0.1	130287	-102	-0.3	-1.1	99.8	-0.4	-1.6	-2.0
	4	136694	-181	-0.5	0.3	130248	-39	-0.1	-0.5	99.5	-0.4	-1.5	-1.1
2003	1	137355	661	1.9	1.0	130047	-200	-0.6	-0.3	99.0	-0.5	-1.9	-1.3
	2	137585	230	0.7	0.9	129878	-170	-0.5	-0.4	98.5	-0.5	-2.0	-1.7
	3	137647	62	0.2	0.6	129820	-58	-0.2	-0.4	98.2	-0.3	-1.1	-1.6
	4	138369	722	2.1	1.2	130002	182	0.6	-0.2	98.7	0.5	1.9	-0.8
2004	1	138388	19	0.1	0.8	130362	360	1.1	0.2	99.2	0.5	1.9	0.2
	Apr	136096	-10	-0.1	-0.9	130379	-68	-0.6	-1.4	100.4	0.1	1.2	-2.2
	May	136505	409	3.7	-0.4	130381	2	0.0	-1.4	99.9	-0.5	-5.8	-2.7
_	Jun	136353	-152	-1.3	-0.4	130406	25	0.2	-1.3	100.4	0.5	6.2	-2.0
	Jul	136478	125	1.1	-0.4	130295	-111	-1.0	-1.3	99.7	-0.7	-8.1	-2.5
	Aug	136811	333	3.0	0.4	130306	11	0.1	-1.2	99.9	0.2	2.4	-2.0
-	Sep	137337	526	4.7	0.3	130259	-47	-0.4	-1.0	99.9	0.0	0.0	-1.4
	Oct	137079	-258	-2.2	0.5	130342	83	0.8	-0.7	99.6	-0.3	-3.5	-1.0
	Nov	136545	-534	-4.6	0.2	130305	-37	-0.3	-0.4	99.5	-0.1	-1.2	-1.0
ļ	Dec	136459	-86	-0.8	0.3	130096	-209	-1.9	-0.4	99.3	-0.2	-2.4	-1.3
	Jan	137447	988	9.0	1.3	130190	94	0.9	-0.2	99.3	0.0	0.0	-1.0
	Feb	137318	-129	-1.1	0.7	130031	-159	-1.5	-0.3	98.8	-0.5	-5.9	-1.4
_	Mar	137300	-18	-0.2	0.9	129921	-110	-1.0	-0.4	98.9	0.1	1.2	-1.4
	Apr	137578	278	2.5	1.1	129901	-20	-0.2	-0.4	98.3	-0.6	-7.0	-2.1
ı	May	137505	-73	-0.6	0.7	129873	-28	-0.3	-0.4	98.6	0.3	3.7	-1.3
_	Jun	137673	168	1.5	1.0	129859	-14	-0.1	-0.4	98.6	0.0	0.0	-1.8
	Jul	137604	-69	-0.6	8.0	129814	-45	-0.4	-0.4	98.2	-0.4	-4.8	-1.5
	Aug	137693	89	0.8	0.6	129789	-25	-0.2	-0.4	98.2	0.0	0.0	-1.7
-	Sep	137644	-49	-0.4	0.2	129856	67	0.6	-0.3	98.3	0.1	1.2	-1.6
	Oct	138095	451	4.0	0.7	129944	88	0.8	-0.3	98.7	0.4	5.0	-0.9
I	Nov	138533	438	3.9	1.5	130027	83	8.0	-0.2	99.0	0.3	3.7	-0.5
l	Dec	138479	-54	-0.5	1.5	130035	8	0.1	-0.0	98.4	-0.6	-7.0	-0.9
	Jan	138566	87	8.0	0.8	130194	159	1.5	0.0	99.1	0.7	8.9	-0.2
	Feb	138301	-265	-2.3	0.7	130277	83	8.0	0.2	99.2	0.1	1.2	0.4
_	Mar	138298	-3	-0.0	0.7	130614	337	3.1	0.5	99.2	0.0	0.0	0.3
	Apr	138576	278	2.4	0.7	130902	288	2.7	0.8	99.5	0.3	3.7	1.2

		Retail an		Services cent chang		Ind		Industrial Production Percent change					
	Unemp Rate	Billions of dollars	Monthly/ quarterly	Annual rate	Year ago	Index	Monthly/ quarterly	Annual rate	Year ago	Yiel (Pero 3-mo			
1999	4.2	3162.430			8.4	110.577			4.4	4.64	5.64		
2000	4.0	3372.438			6.6	115.429			4.4	5.82	6.03		
2001	4.8	3475.898			3.1	111.516			-3.4	3.39	5.02		
2002	5.8	3564.420			2.5	110.876			-0.6	1.60	4.61		
2003	6.0	3755.453			5.4	111.213			0.3	1.01	4.02		
2002	1 5.7	878.111	-1.2	-4.7	2.4	109.985	0.5	1.9	-3.2	1.72	5.08		
	2 5.8	888.077	1.1	4.6	2.3	111.132	1.0	4.2	-1.0	1.72	5.10		
	3 5.7	896.786	1.0	4.0	4.1	111.455	0.3	1.2	0.7	1.64	4.26		
	4 5.9	901.446	0.5	2.1	1.4	110.933	-0.5	-1.9	1.3	1.33	4.01		
2003	1 5.8	913.902	1.4	5.6	4.1	111.172	0.2	0.9	1.1	1.16	3.92		
	2 6.1	927.575	1.5	6.1	4.4	110.033	-1.0	-4.0	-1.0	1.04	3.62		
	3 6.1	951.772	2.6	10.8	6.1	111.059	0.9	3.8	-0.4	0.93	4.23		
	4 5.9	962.204	1.1	4.5	6.7	112.586	1.4	5.6	1.5	0.92	4.29		
2004	1 5.6	983.968	2.3	9.4	7.7	114.392	1.6	6.6	2.9	0.92	4.02		
2002 Ap	or 5.9	297.472	1.5	18.9	3.0	110.777	0.4	4.9	-1.8	1.72	5.21		
Ma	ıy 5.8	293.797	-1.2	-13.9	1.2	110.950	0.2	1.9	-1.2	1.73	5.16		
Ju	n 5.8	296.808	1.0	13.0	2.7	111.670	0.6	8.1	0.1	1.70	4.93		
J	ul 5.8	299.428	0.9	11.1	4.0	111.541	-0.1	-1.4	0.4	1.68	4.65		
Au	g 5.7	300.572	0.4	4.7	4.0	111.493	-0.0	-0.5	0.6	1.62	4.26		
Se	p 5.7	296.786	-1.3	-14.1	4.4	111.330	-0.1	-1.7	1.1	1.63	3.87		
O	ct 5.7	298.500	0.6	7.2	-1.5	111.031	-0.3	-3.2	1.0	1.58	3.94		
No	v 5.9	299.976	0.5	6.1	2.1	111.156	0.1	1.4	1.6	1.23	4.05		
De	ec 6.0	302.970	1.0	12.7	3.7	110.612	-0.5	-5.7	1.4	1.19	4.03		
2003 Ja	n 5.8	304.711	0.6	7.1	4.6	111.164	0.5	6.2	1.3	1.17	4.05		
Fe	b 5.9	301.347	-1.1	-12.5	2.7	111.581	0.4	4.6	1.5	1.17	3.90		
Ma	ar 5.8	307.844	2.2	29.2	5.0	110.771	-0.7	-8.4	0.4	1.13	3.81		
A	or 6.0	307.406	-0.1	-1.7	3.3	110.094	-0.6	-7.1	-0.6	1.13	3.96		
Ma	ıy 6.1	308.644	0.4	4.9	5.1	110.019	-0.1	-0.8	-0.8	1.07	3.57		
Ju	n 6.3	311.525	0.9	11.8	5.0	109.986	-0.0	-0.4	-1.5	0.92	3.33		
	ul 6.2	315.366	1.2	15.8	5.3	110.829	0.8	9.6	-0.6	0.90	3.98		
Au	l l	318.942	1.1	14.5	6.1	110.857	0.0	0.3	-0.6	0.95	4.45		
Se	p 6.1	317.464	-0.5	-5.4	7.0	111.492	0.6	7.1	0.1	0.94	4.27		
0		318.064	0.2	2.3	6.6	111.776	0.3	3.1	0.7	0.92	4.29		
No	ov 5.9	321.798	1.2	15.0	7.3	112.859	1.0	12.3	1.5	0.93	4.30		
De	ec 5.7	322.342	0.2	2.0	6.4	113.124	0.2	2.9	2.3	0.90	4.27		
.004 Ja	l l	323.918	0.5	6.0	6.3	113.865	0.7	8.1	2.4	0.88	4.15		
Fe	l l	327.038	1.0	12.2	8.5	114.787	8.0	10.2	2.9	0.93	4.08		
Ma	ar 5.7	333.012	1.8	24.3	8.2	114.523	-0.2	-2.7	3.4	0.94	3.83		
A	or 5.6									0.94	4.35		

					Consumer Price Index Percent change						Consumer Price Index less Food and Energy Percent change					
		Index	Monthly/ quarterly	Annual rate	Year ago	Year to date	Index	Monthly/ quarterly	Annual rate	Year ago	Year to date	Index	Monthly/ quarterly	nt change Annual rate	Year ago	
19	999	166.6			2.2		177.0			2.1		132.8			1.7	
20	000	172.2			3.4		181.3			2.4		138.0			3.9	
20	001	177.0			2.8		186.1			2.7		140.7			2.0	
20	002	179.9			1.6		190.4			2.3		138.9			-1.3	
20	003	184.0			2.3		193.2			1.5		143.3			3.2	
2002	1	178.0	0.3	1.3	1.2	1.3	188.9	0.5	2.1	2.5	2.1	138.3	-0.0	-0.2	-2.4	
	2	179.5	0.9	3.5	1.3	2.4	190.0	0.5	2.2	2.4	2.2	138.8	0.4	1.5	-2.3	
	3	180.5	0.6	2.2	1.6	2.3	191.0	0.5	2.2	2.2	2.2	138.7	-0.0	-0.2	-1.4	
	4	181.4	0.5	1.9	2.2	2.2	191.8	0.4	1.6	2.0	2.0	139.7	0.7	2.7	0.9	
2003	1	183.1	1.0	3.9	2.9	3.9	192.4	0.3	1.3	1.8	1.3	142.8	2.3	9.4	3.3	
	2	183.4	0.1	0.6	2.2	2.2	192.9	0.3	1.1	1.5	1.2	142.4	-0.3	-1.3	2.6	
	3	184.5	0.6	2.3	2.2	2.3	193.6	0.3	1.4	1.3	1.3	143.4	0.7	2.8	3.3	
	4	184.8	0.2	0.7	1.9	1.9	194.0	0.2	1.0	1.2	1.2	144.7	0.9	3.7	3.6	
2004	1	186.4	0.9	3.6	1.8	3.6	194.9	0.4	1.8	1.3	1.8	146.0	0.9	3.8	2.2	
2002	Mar	178.5	0.3	4.1	1.4	3.0	189.2	0.1	1.3	2.4	1.9	139.1	0.7	9.0	-1.6	
	Apr	179.4	0.5	6.2	1.6	3.8	189.7	0.3	3.2	2.5	2.2	139.1	0.0	0.0	-2.1	
	May	179.5	0.1	0.7	1.2	3.1	190.0	0.2	1.9	2.5	2.2	138.5	-0.4	-5.1	-2.7	
	Jun	179.7	0.1	1.3	1.1	2.8	190.2	0.1	1.3	2.3	2.0	138.8	0.2	2.6	-2.2	
	Jul	180.1	0.2	2.7	1.5	2.8	190.5	0.2	1.9	2.1	2.0	138.6	-0.1	-1.7	-1.1	
	Aug	180.6	0.3	3.4	1.7	2.9	191.1	0.3	3.8	2.3	2.2	138.6	0.0	0.0	-1.4	
	Sep	180.9	0.2	2.0	1.6	2.8	191.4	0.2	1.9	2.3	2.2	139.0	0.3	3.5	-1.6	
	Oct	181.2	0.2	2.0	2.0	2.7	191.5	0.1	0.6	2.2	2.0	140.0	0.7	9.0	0.7	
	Nov	181.4	0.1	1.3	2.2	2.6	191.8	0.2	1.9	2.0	2.0	139.7	-0.2	-2.5	0.9	
	Dec	181.6	0.1	1.3	2.5	2.5	192.0	0.1	1.3	2.0	2.0	139.3	-0.3	-3.4	1.2	
2003	Jan	182.2	0.3	4.0	2.6	4.0	192.2	0.1	1.3	1.9	1.3	141.1	1.3	16.7	2.5	
	Feb	183.2	0.5	6.8	3.0	5.4	192.4	0.1	1.3	1.8	1.3	142.8	1.2	15.5	3.4	
	Mar	184.0	0.4	5.4	3.1	5.4	192.5	0.1	0.6	1.7	1.0	144.6	1.3	16.2	4.0	
	Apr	183.4	-0.3	-3.8	2.2	3.0	192.6	0.1	0.6	1.5	0.9	142.5	-1.5	-16.1	2.4	
	May	183.3	-0.1	-0.7	2.1	2.3	193.0	0.2	2.5	1.6	1.3	141.9	-0.4	-4.9	2.5	
	Jun	183.5	0.1	1.3	2.1	2.1	193.1	0.1	0.6	1.5	1.1	142.7	0.6	7.0	2.8	
	Jul	183.8	0.2	2.0	2.1	2.1	193.4	0.2	1.9	1.5	1.3	142.8	0.1	0.8	3.0	
	Aug	184.5	0.4	4.7	2.2	2.4	193.6		1.2	1.3	1.3	143.5	0.5	6.0	3.5	
	Sep	185.1	0.3	4.0	2.3	2.6	193.7		0.6	1.2	1.2	143.8	0.2	2.5	3.5	
	Oct	184.9	-0.1	-1.3	2.0	2.2	194.0	0.2	1.9	1.3	1.3	144.7	0.6	7.8	3.4	
	Nov	184.6	-0.2	-1.9	1.8	1.8	194.0		0.0	1.1	1.1	144.5	-0.1	-1.6	3.4	
	Dec	184.9	0.2	2.0	1.8	1.8	194.1	0.1	0.6	1.1	1.1	144.8	0.2	2.5	3.9	
2004	Jan	185.8	0.5	6.0	2.0	6.0	194.4	0.2	1.9	1.1	1.9	145.7	0.6	7.7	3.3	
	Feb	186.3	0.3	3.3	1.7	4.6	194.8		2.5	1.2	2.2	145.8	0.1	0.8	2.1	
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# **Notes**

Pages 4, 5: Final Sales is gross domestic product (GDP) minus change in private inventories. Advance, Preliminary, and Final GDP Growth Rates are released during the first, second, and third months of the following quarter. Changes result from incorporation of more complete information. Real GDP is measured in 2000 dollars. The ISM (formerly Purchasing Managers') Index is a weighted average of diffusion indexes for new orders, production, supplier deliveries, inventories, and employment. Aggregate and Average Weekly Hours are paid hours of production and nonsupervisory employees. The Inventory-Sales Ratio uses nominal (current-dollar) inventory and sales data.

Page 6: For information on how to calculate the **Contribution** of a component to the overall GDP growth rate, see the October 1999 issue of the Survey of Current Business, p. 16. The sign is changed for **Imports**.

Page 7: Ten-year **Treasury Yields** are adjusted to constant maturity; three-month yields are secondary market averages. All rates used in the yield curves are adjusted to constant maturity. The 30-year constant maturity series was discontinued by the Treasury Department as of Feb. 18, 2002. **Standard and Poor's 500 Index with Reinvested Dividends** shows the total return: capital gains plus dividends.

Pages 8, 9: Oil (West Texas intermediate) and Natural Gas (Henry Hub) spot and futures prices are listed in the Wall Street Journal. Spot prices are monthly averages of daily prices; futures prices are usually taken from the last trading day of the month. Consumer Price Index is for all urban consumers. The Consumption Chain Price Index is the index associated with the personal consumption expenditures component of GDP. The Employment Cost Index (ECI) covers private nonfarm employers. ECI Compensation refers to a fixed sample of jobs, while Compensation per Hour covers all workers in the nonfarm business sector in a given quarter. In both cases, compensation is wages and salaries plus benefits.

Pages 10, 11: Effective with the May 2003 Employment Situation, the establishment survey data for employment, hours, and earnings have been converted from the 1987 SIC system to the 2002 NAICS system. All published NAICS-based labor series have been revised back to at least 1990. For more information see http://www.bls.gov/ces/. Nonfarm Payroll Employment is counted in a survey of about 400,000 establishments (Current Employment Survey). It excludes self-employed individuals and workers in private households, but double-counts individuals with more than one job. The Household Survey (Current Population Survey) of about 60,000 households provides estimates of civilian employment, unemployment rate, labor force participation rate, and employment-population ratio. Population is civilian, noninstitutional, 16 years and over. The 90 percent confidence intervals for the unemployment rate (± 0.2 percentage points) and change in household survey employment (± 290,000) measure uncertainty due to sample size. Because the household survey was changed in January 1994, data prior to this date are not strictly comparable. The Bureau of Labor Statistics announced several revisions to the Household Survey on Feb. 7, 2003, with the release of the January 2003 data. For more information, see <www.bls.gov/cps/>.

Page 13: The Michigan Consumer Sentiment Index shows changes in a summary measure of consumers' answers to five questions about their current and expected financial situation, expectations about future economic conditions, and attitudes about making large purchases. The survey is based on a representative sample of U.S. households.

Page 15: Gross Private Saving is the sum of personal saving, undistributed corporate profits with IVA and CCAdj (see notes for pp. 18-19), and private wage accruals less disbursements. Gross Government Saving is net government saving (surplus/deficit) plus consumption of fixed capital. Balance on Current Account (NIPA) is net capital transfer payments to the rest of the world plus net lending or net borrowing (international trade and income flows).

Pages 16, 17: Government Consumption and Investment is current expenditures on goods and services, including capital consumption (depreciation) and gross investment, as reported in the NIPAs. The Unified Federal Budget Surplus/Deficit differs from NIPA Basis in four main ways: (1) NIPA excludes

transactions involving existing assets; (2) NIPA outlays exclude government investment and include consumption of government capital, while unified budget outlays do the reverse; (3) NIPA accounts exclude Puerto Rico and U.S. territories; and (4) various timing issues are handled differently. **Outlays and Receipts** are from the NIPAs, except as noted. Since 1977, the federal **Fiscal Year** starts on October 1. Excluded agency debt was 0.6 percent of federal debt at the end of fiscal 1997. **Federal Debt Held by the Public** includes holdings of the Federal Reserve System and excludes holdings of the social security and other federal trust funds. Federal grants in aid to state and local governments appear in both state and local receipts and federal outlays.

Pages 18, 19: The **Trade Balance** (shown on a balance of payments basis) is the difference between exports and imports of goods (merchandise) and services. It is nearly identical in concept to the **Net Exports** component of GDP, but differs slightly in accounting details. The **Investment Income Balance** equals income received from U.S.-owned assets in other countries minus income paid on foreign-owned assets in the U.S. The investment income balance is nearly identical in concept to the difference between gross national product and gross domestic product, but differs in accounting details. The **Current Account Balance** is the trade balance plus the balance on investment income plus net unilateral transfers to the U.S. from other countries.

Pages 20, 21: Output per Hour (Y/H), Unit Labor Cost (C/Y), and Compensation per Hour (C/H) are indexes which approximately obey the following relationship: %(Y/H) + %(C/Y) = %(C/H) with %() meaning percent changes. Unit labor cost is shown on page 9. Real Compensation per Hour uses the CPI to adjust for the effects of inflation. Nonfarm business accounted for about 76 percent of the value of GDP in 1996, while nonfinancial corporations accounted for about 54 percent. Inventory Valuation Adjustments (IVA) remove the effect of changes in the value of existing inventories from corporate profits and proprietors' income. (This change in value does not correspond to current production and therefore is not part of GDP). Capital Consumption Adjustments (CCAdj) increase profits and proprietors' income by the difference between estimates of economic depreciation and depreciation allowed by the tax code. Components of national income not shown are rental income of persons and net interest.

**NOTE:** Most measures of economic activity are now based on the 2002 North American Industry Classification System (NAICS), which replaces the 1987 Standard Industry Classification (SIC) system.

# **Sources**

Bureau of Economic Analysis (BEA), U.S. Dept. of Commerce
National income and product accounts, international trade and investment
data (except by country), auto and light truck sales.

Census Bureau, U.S. Dept. of Commerce
Inventory-sales ratios, retail sales, capital goods orders, housing starts, exports and imports by country.

Bureau of Labor Statistics (BLS), U.S. Dept. of Labor
All employment-related data, employment cost index, consumer and producer price indexes, unit labor cost, output per hour, compensation per hour, multifactor productivity.

United States Department of Treasury
Unified budget receipts, outlays, deficit, debt.

Federal Reserve Board

Index of industrial production, treasury yields, exchange rates, capacity utilization, household debt.

The Survey Research Center, The University of Michigan Consumer sentiment index.

The Conference Board
Help-wanted advertising index.

Organization for Economic Cooperation and Development (OECD) GDP for major trading partners (not available on FRED).