

## Your Current Job Probably Won't Be Your Last

Previous generations of workers held lifelong jobs. Today's workers no longer expect to work for the same employer for their entire career. Even in the past 20 years, expected job tenure has declined in the United States, with a few differences between the trends for men and women. Some notable trends in job tenure, and their potential causes, may provide some insight into the employment landscape of the future.

Friedberg and Owyang (2002) use data from the Survey of Consumer Finances (SCF) to find job tenure trends.<sup>1</sup> According to the SCF, from 1983 to 1998, average expected remaining tenure—how long a worker expects to continue working for his current employer—for full-time male employees declined from 18.6 to 14.7 years. The trend for female workers is similar. Their expected remaining tenure starts at 15.9 in 1983 and eventually falls to 12.8 years in 1998.<sup>2</sup> The accompanying graph shows these numbers broken down by years of experience at workers' current jobs. Note that for nearly every subsample, expected remaining tenure has decreased.

An interesting trend arises with the percentage of employees aged 25 and older who have been with their current employer for at least ten years. The total percentage of men in this group decreased by nearly 5 points from 1983 to 2002, whereas the opposite holds for women—their percentage increased by almost 4 points. All age groups for men saw declines, but those affected most negatively were men aged 40-44, 45-49, and, especially, 60-64. In contrast, the percentage of women aged 35-54 with ten-year tenure or longer increased, but the remaining age groups suffered the same fate as the men's age groups.<sup>3</sup> What could have brought about these trends?

Changing labor market characteristics in the past couple of decades have had pronounced effects on tenure. For instance, countering the general decreasing tenure trend, women's rising labor force participation beginning in the 1980s undoubtedly contributed to the proportion of 35- to 54-year-olds with ten years of tenure. In the graph, these

same women demonstrate their growing attachment to the workforce through their increased expected remaining tenure.

Numerous factors have contributed to the decline in job tenure. The composition of payroll employment has shifted to more heavily favor service jobs at manufacturing's expense. Because the median tenure for a worker in manufacturing exceeds that of a worker with a service job by at least two years, this shift has played a role in average tenure's decline. Technological progress in the past few decades has also led to a number of changes in the workplace. Using data from 1983 to 2000 and measures of total factor productivity (TFP), Friedberg and Owyang (2002) find that higher TFP growth was correlated with a decline in job tenure. New technologies bring about job turnover by replacing unskilled jobs while making skilled jobs more complex.

With today's labor market, people believe that they will switch jobs more often than their counterparts years ago did, as demonstrated by falling average and expected remaining tenure. Continuing technological advances and the concomitant demand for new skills will maintain these trends.

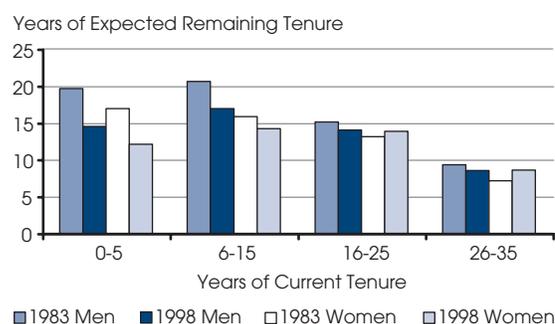
—Kristie M. Engemann and Michael T. Owyang

<sup>1</sup> Friedberg, Leora and Owyang, Michael. "Explaining the Evolution of Pension Structure and Job Tenure." Working Paper 2002-022b, Federal Reserve Bank of St. Louis, October 2002.

<sup>2</sup> The men experienced a concurrent drop in average tenure from 9.7 to 8.8 years during this time period, while women's average job tenure declined from 7.4 to 7.3 years from 1983 to 1998.

<sup>3</sup> Bureau of Labor Statistics. "Employee Tenure in 2002." Release, September 19, 2002.

### Average Expected Remaining Tenure



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## 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:

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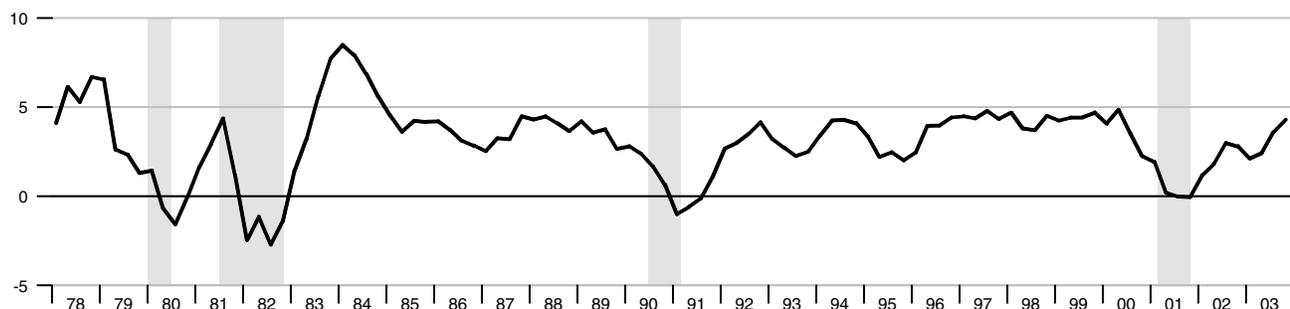
or to:

stlsFRED@stls.frb.org



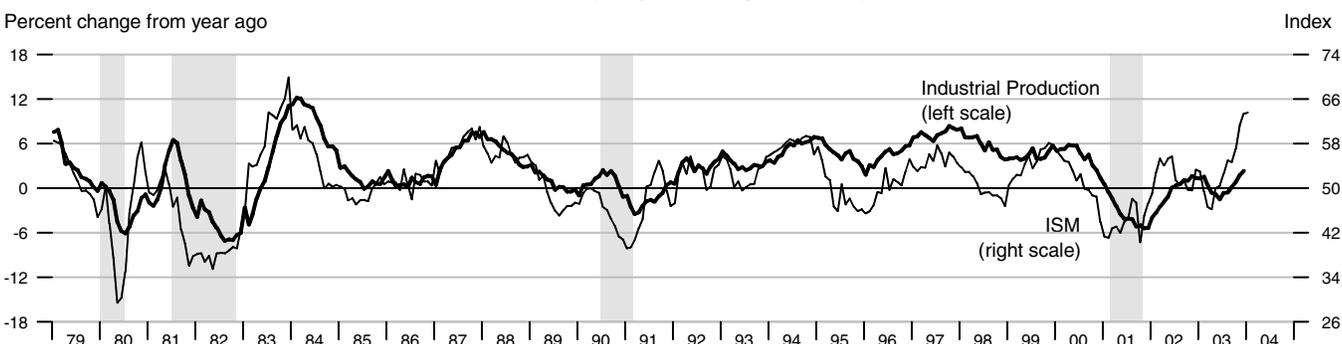
### Real Gross Domestic Product

Percent change from year ago



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

Percent change from year ago



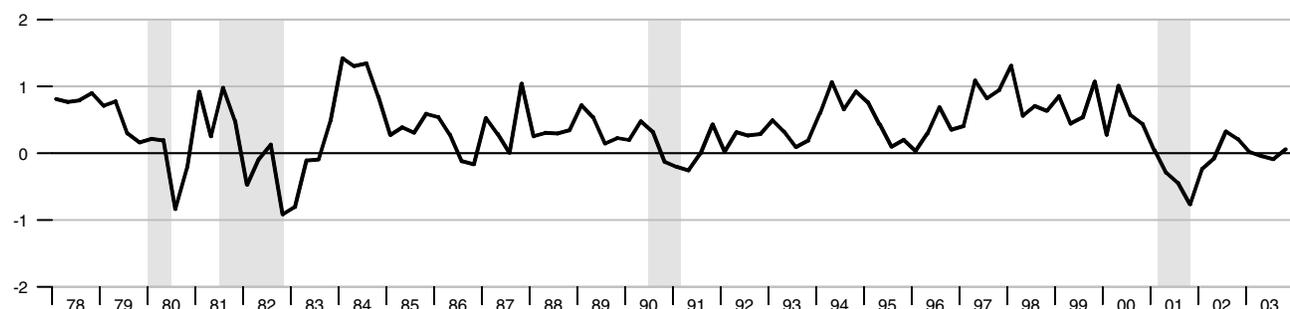
### Aggregate Private Nonfarm Hours

Percent change from year ago

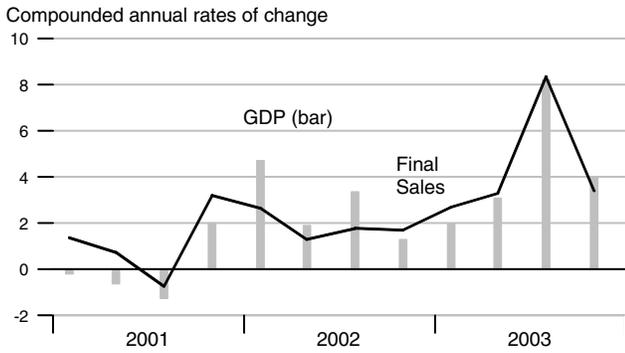


### Real Change in Private Inventories

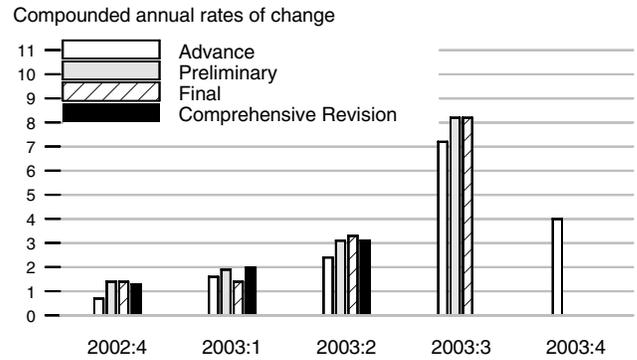
Percent of GDP



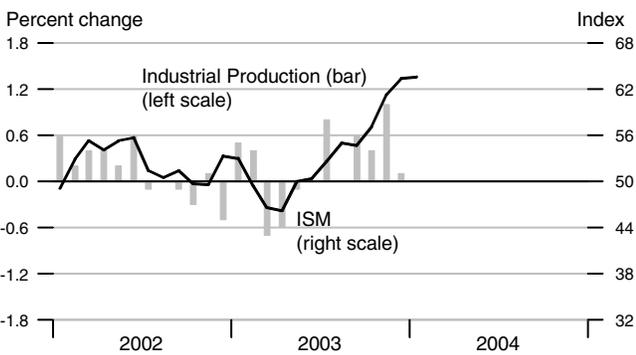
### Real Final Sales and GDP



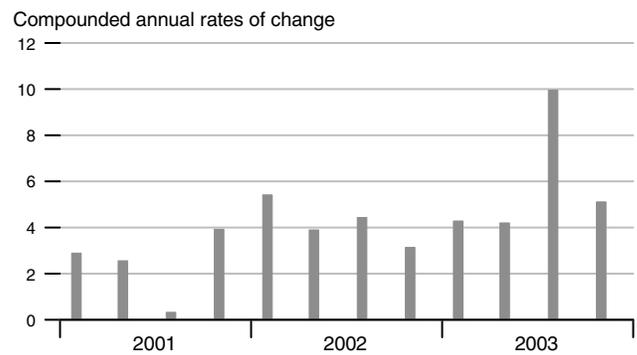
### Real GDP Revisions



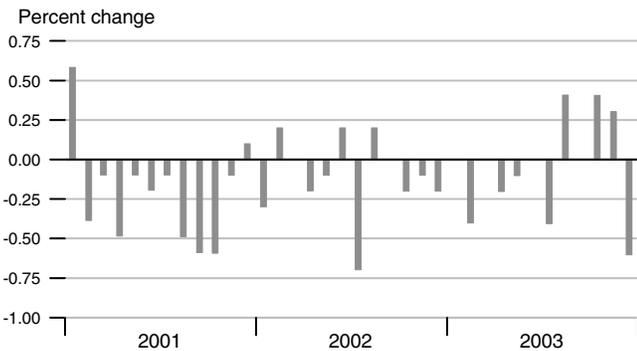
### Industrial Production and ISM Index



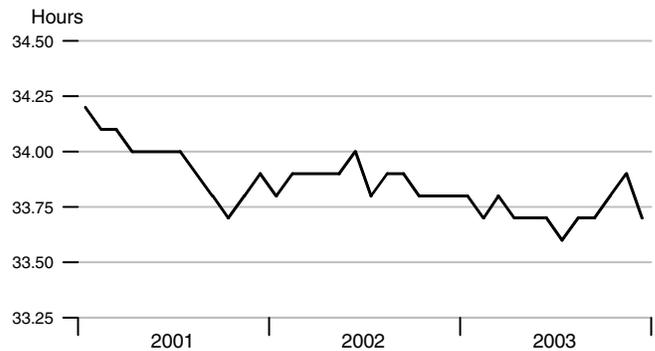
### Nominal Gross Domestic Product



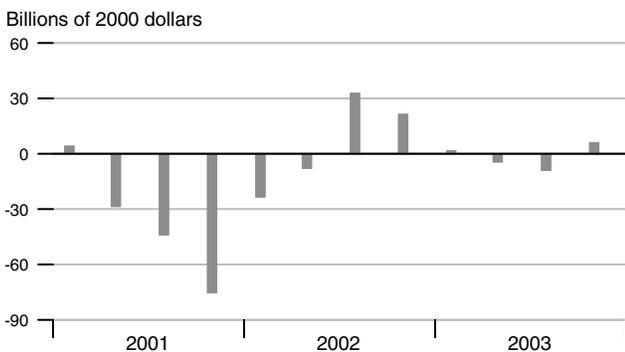
### Aggregate Private Nonfarm Hours



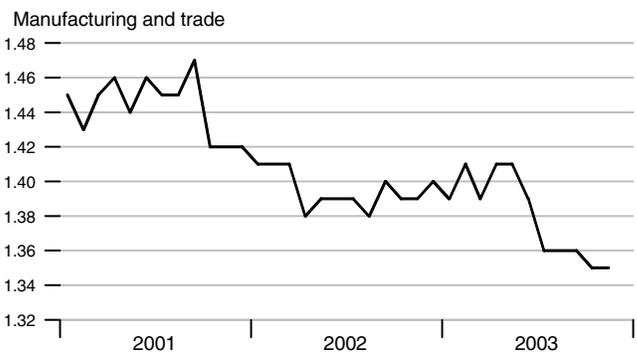
### Average Weekly Private Nonfarm Hours



### Real Change in Private Inventories

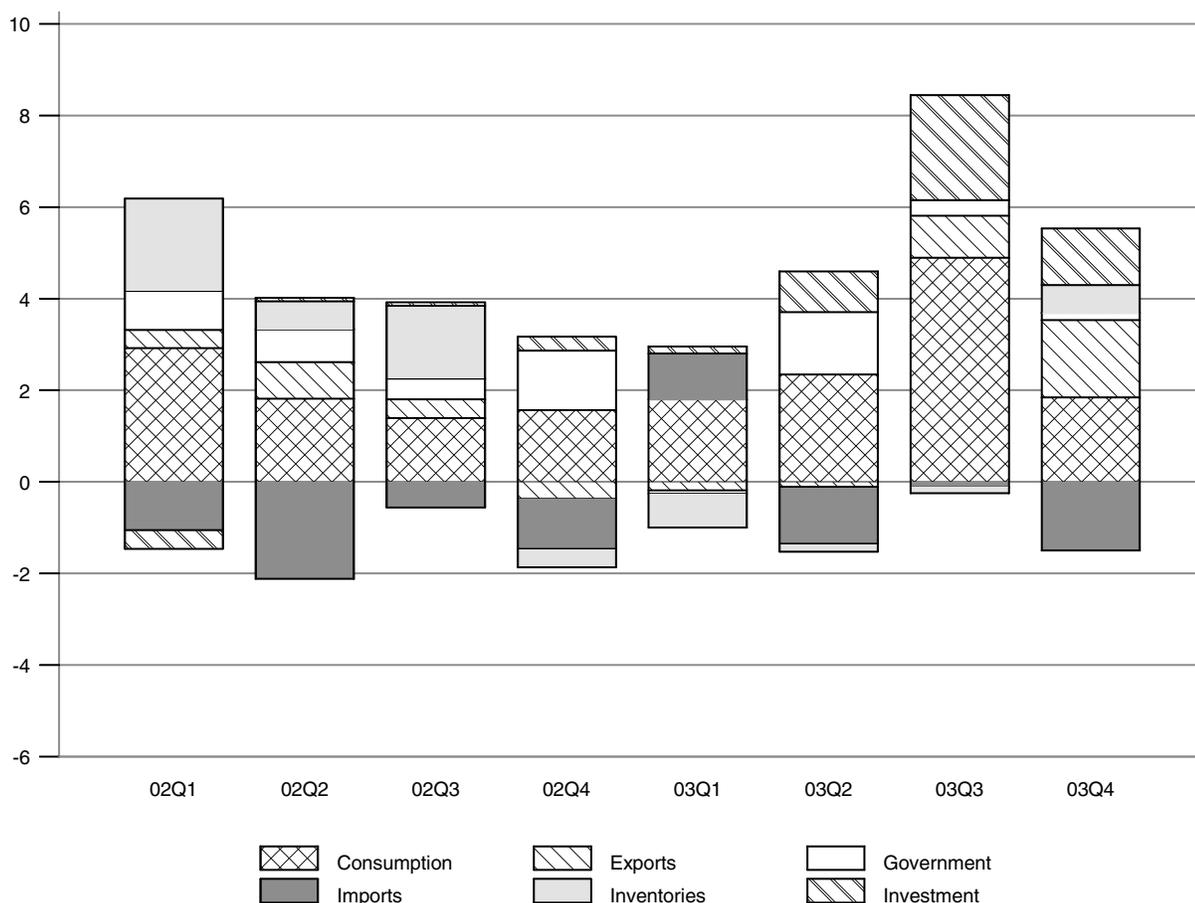


### Inventory-Sales Ratio



### Contribution of Components to Real GDP Growth

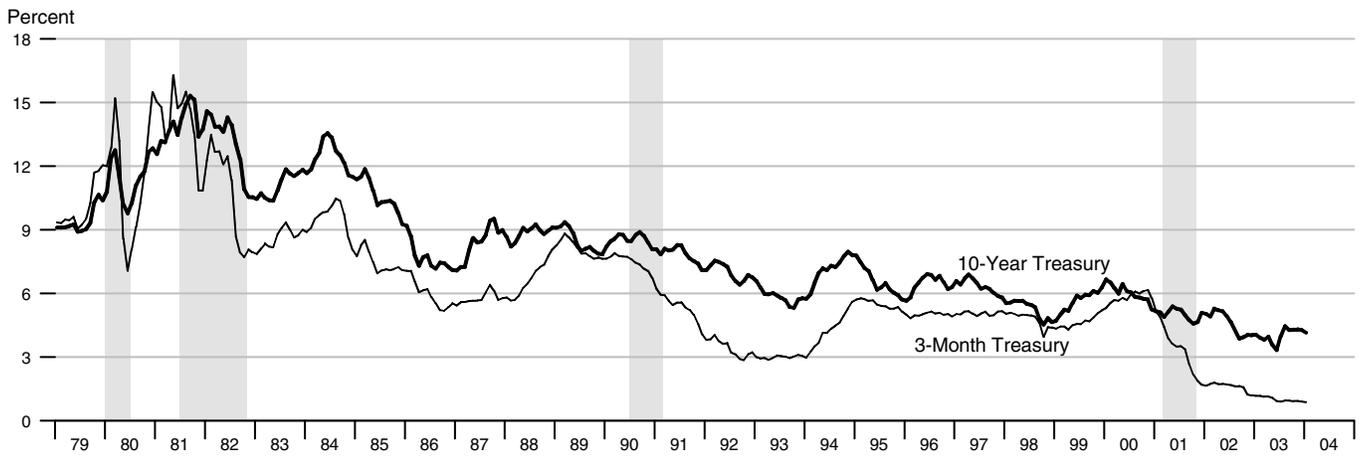
Percentage points at compounded annual rates



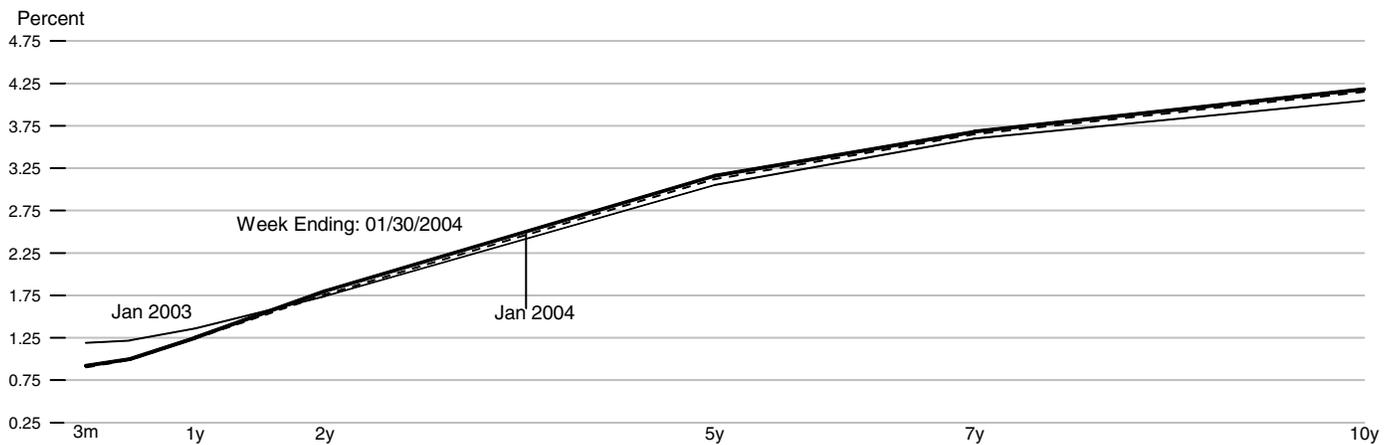
### Contributions to Real GDP Growth Rate

	2002				2003			
	1st	2nd	3rd	4th	1st	2nd	3rd	4th
<b>Final Sales</b>	2.70	1.29	1.78	1.69	2.71	3.26	8.33	3.41
<b>Change in Inventory</b>	2.01	0.61	1.58	-0.40	-0.74	-0.17	-0.13	0.61
<b>Consumption</b>	2.92	1.81	1.39	1.57	1.80	2.34	4.89	1.84
<b>Fixed Investment</b>	-0.41	0.08	0.08	0.31	0.16	0.90	2.30	1.23
Nonresidential	-0.81	-0.33	-0.12	-0.01	-0.06	0.68	1.25	0.69
Residential	0.40	0.41	0.20	0.32	0.22	0.22	1.05	0.54
<b>Government</b>	0.85	0.72	0.46	1.29	-0.07	1.36	0.34	0.16
Federal	0.52	0.64	0.26	1.11	-0.01	1.46	0.09	0.05
State and Local	0.33	0.08	0.20	0.18	-0.06	-0.10	0.25	0.11
<b>Net Exports</b>	-0.65	-1.32	-0.15	-1.47	0.81	-1.34	0.80	0.19
Exports	0.40	0.80	0.41	-0.37	-0.19	-0.11	0.92	1.69
Imports	-1.05	-2.12	-0.56	-1.10	1.00	-1.24	-0.12	-1.50
<b>Residual</b>	-0.02	0.14	-0.04	0.16	0.04	0.09	-0.04	0.02
<b>Real GDP Growth</b>	4.71	1.90	3.36	1.29	1.97	3.09	8.20	4.02

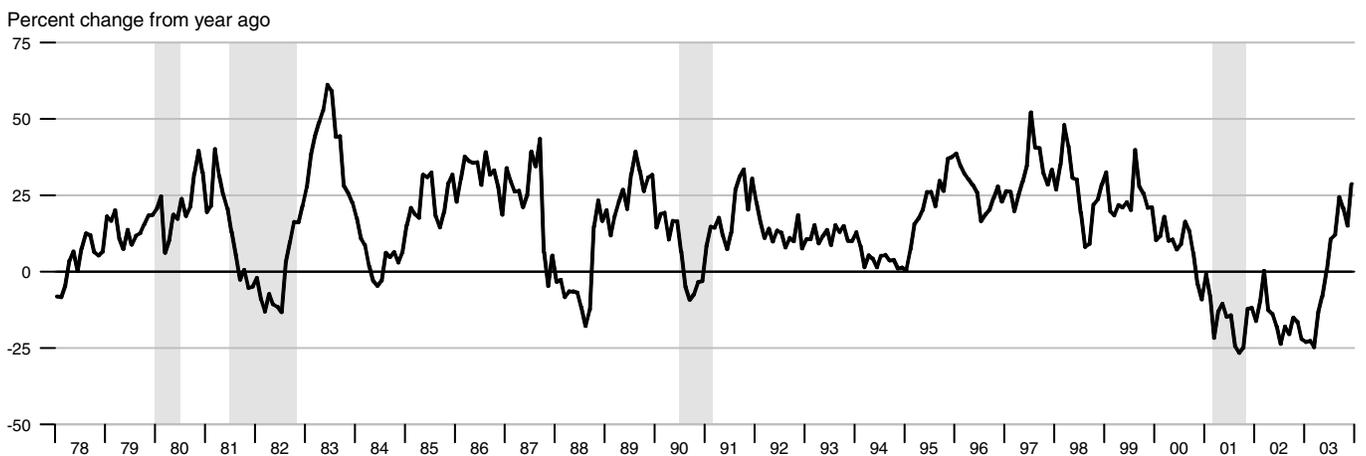
### Interest Rates



### Treasury Yield Curve

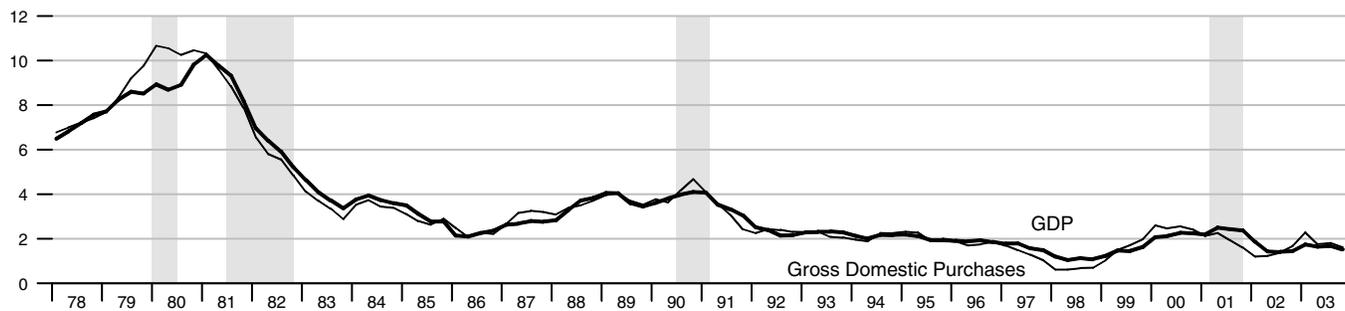


### Standard and Poor's 500 Index with Reinvested Dividends



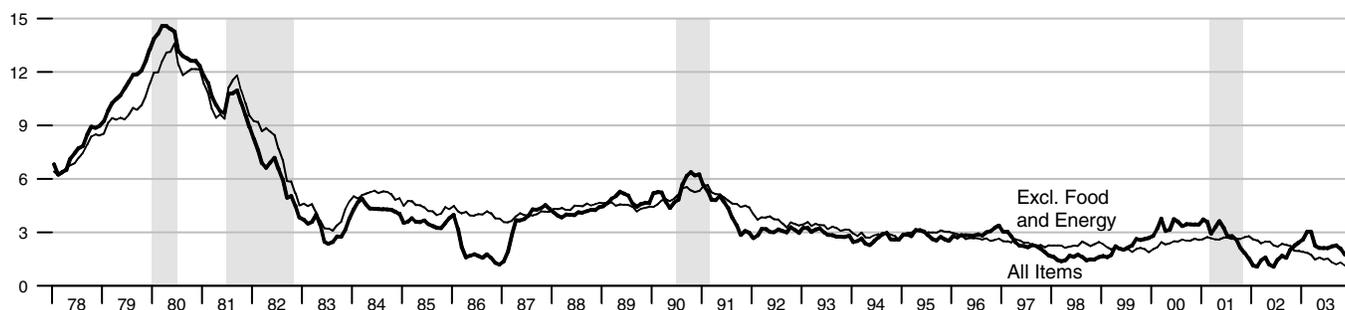
### NIPA Chain Price Indexes

Percent change from year ago



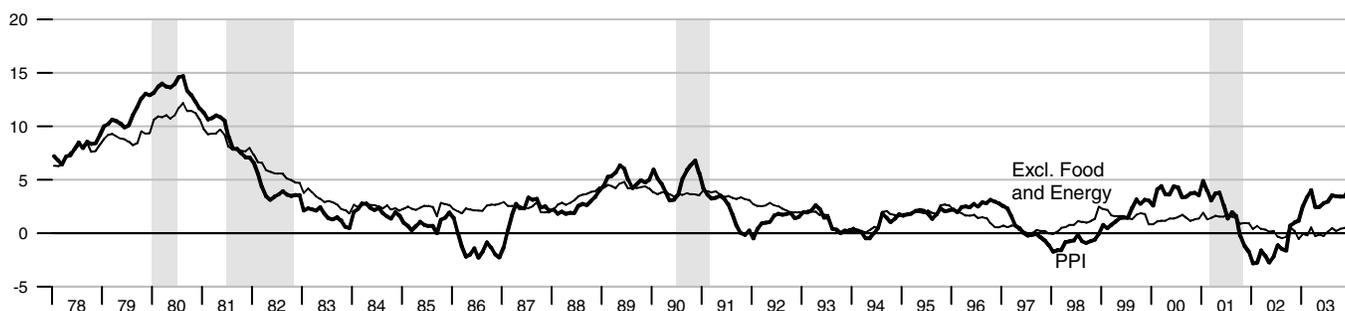
### Consumer Price Index

Percent change from year ago



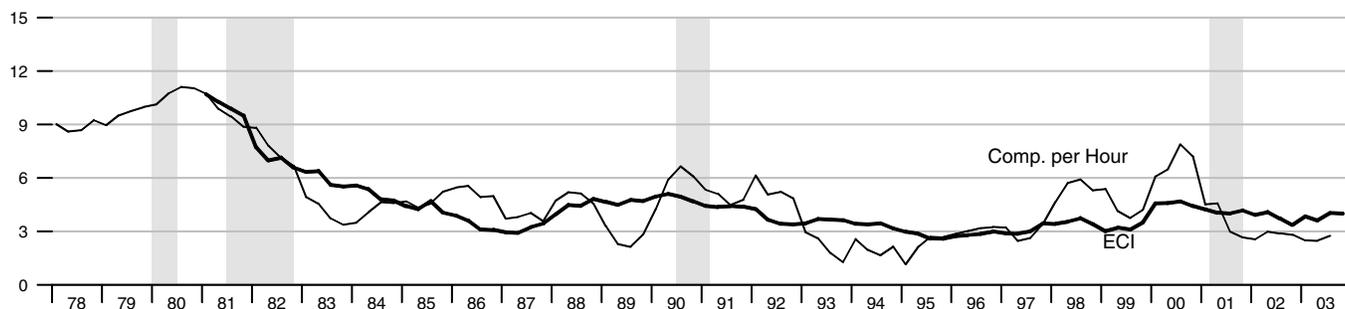
### Producer Price Index, Finished Goods

Percent change from year ago

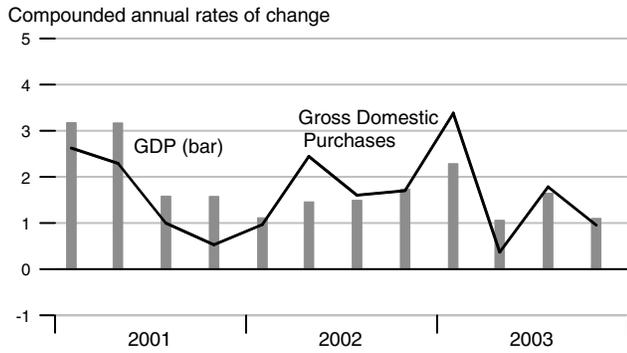


### Employment Cost Index and Compensation per Hour

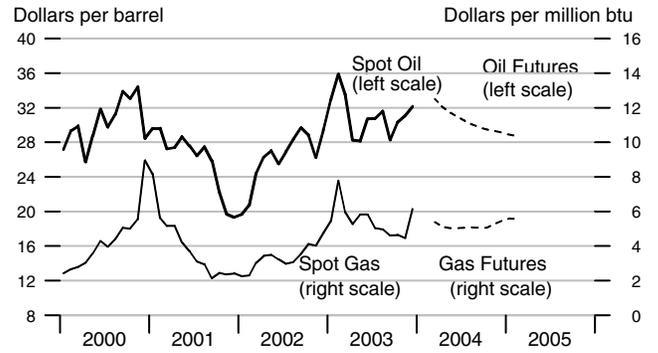
Percent change from year ago



### NIPA Chain Price Indexes

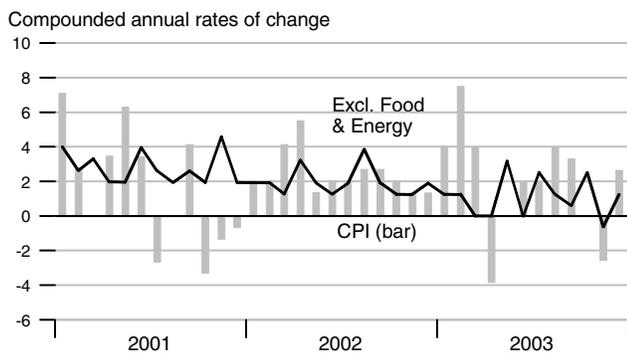


### Oil & Natural Gas Prices: Spot & Futures

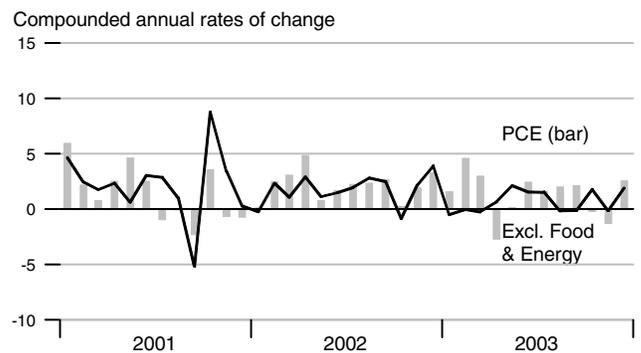


Note: Futures prices as of 01/30/2004.

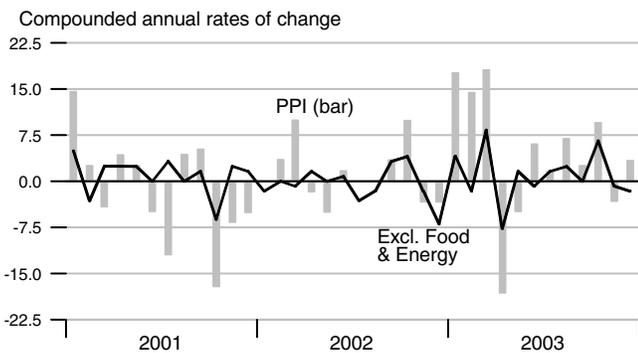
### Consumer Price Index



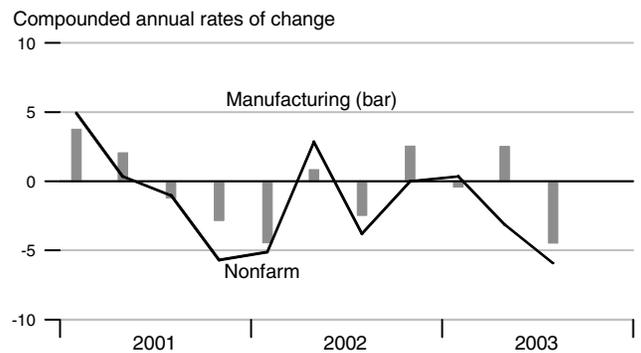
### Consumption Chain Price Index



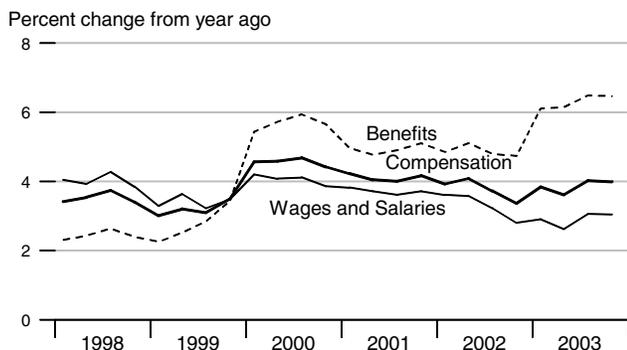
### Producer Price Index, Finished Goods



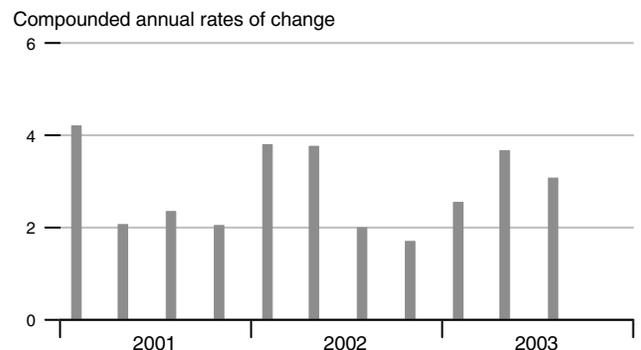
### Unit Labor Cost



### Employment Cost Index

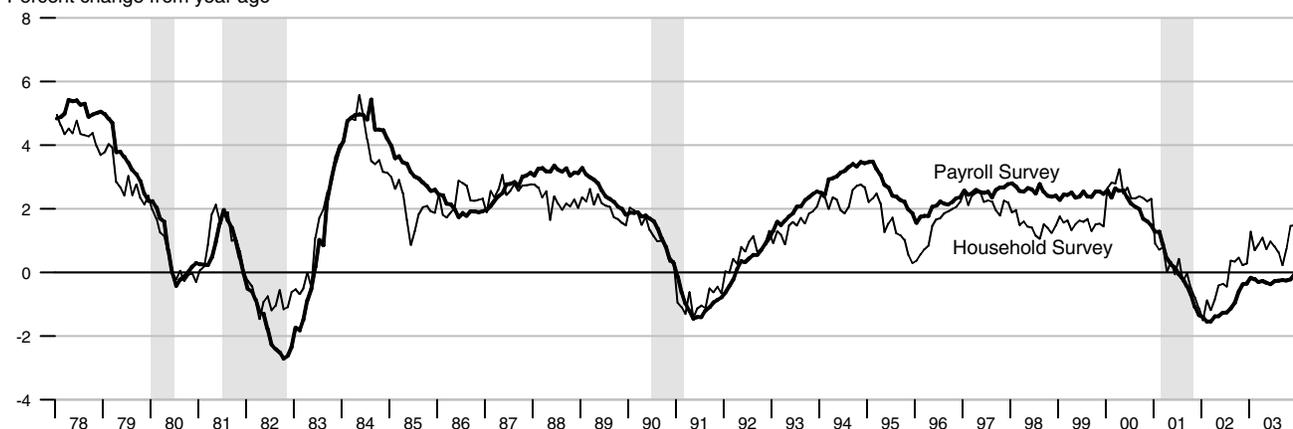


### Compensation per Hour



### Employment

Percent change from year ago

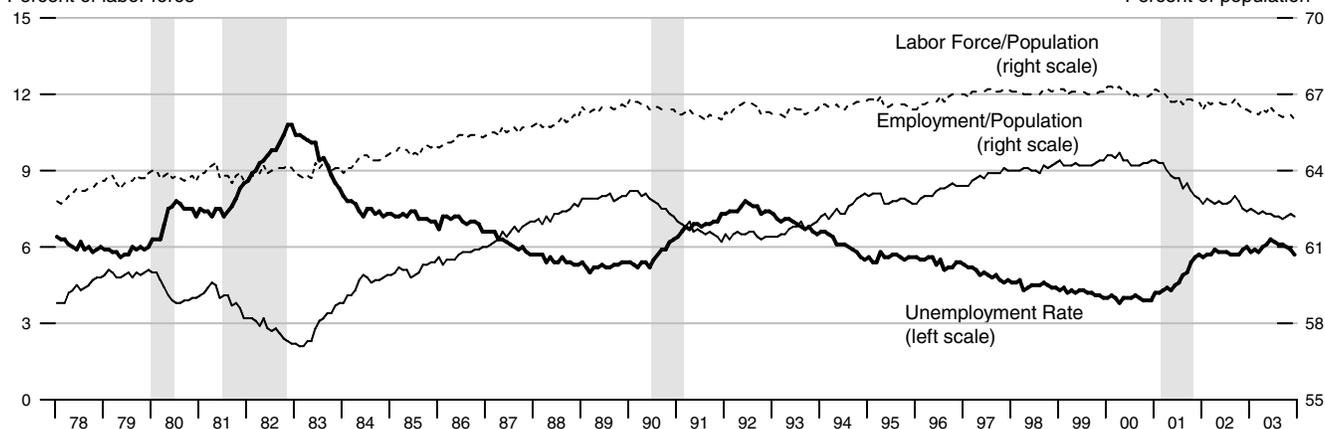


See the Notes section at the end of this publication for the Feb. 7, 2003, revisions to the Household Survey, and the June 6, 2003, revisions to the Establishment Survey.

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

Percent of labor force

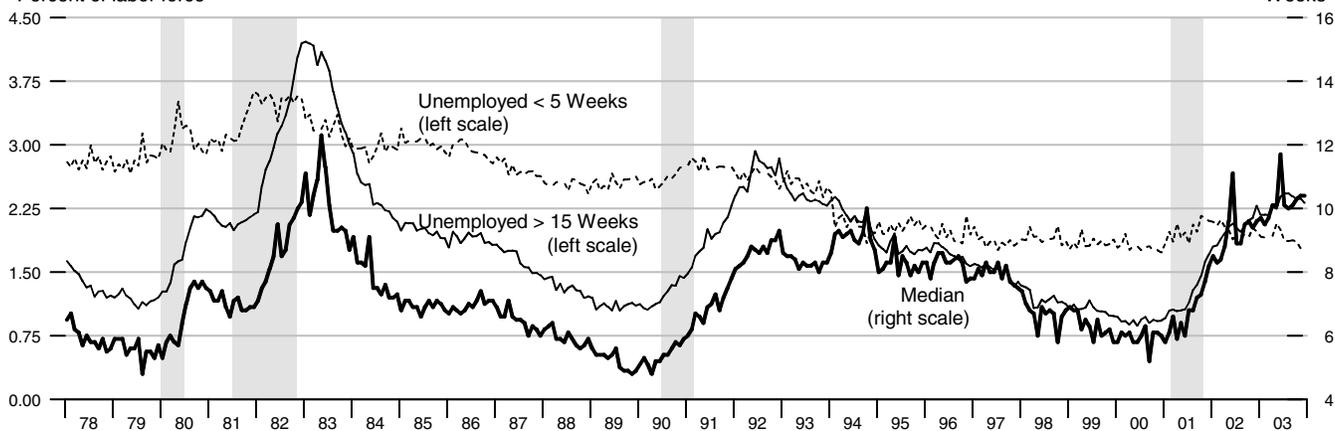
Percent of population



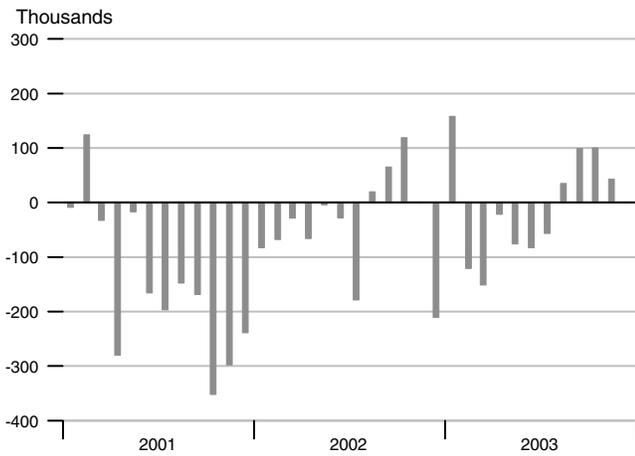
### Duration of Unemployment

Percent of labor force

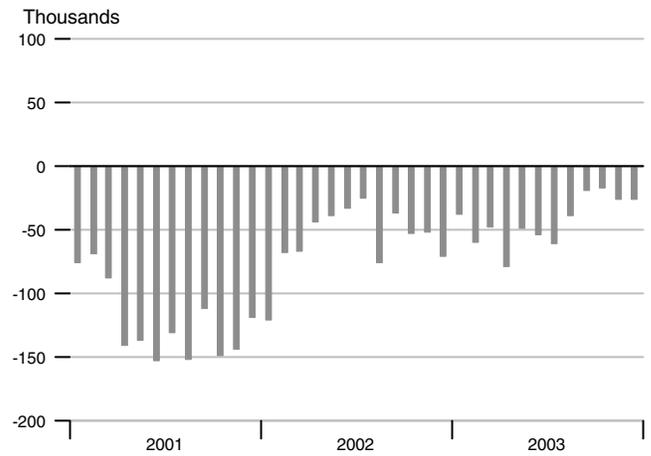
Weeks



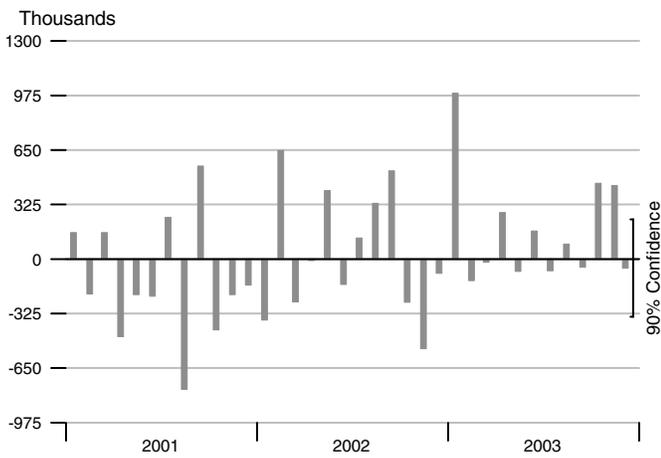
### Change in Nonfarm Payrolls



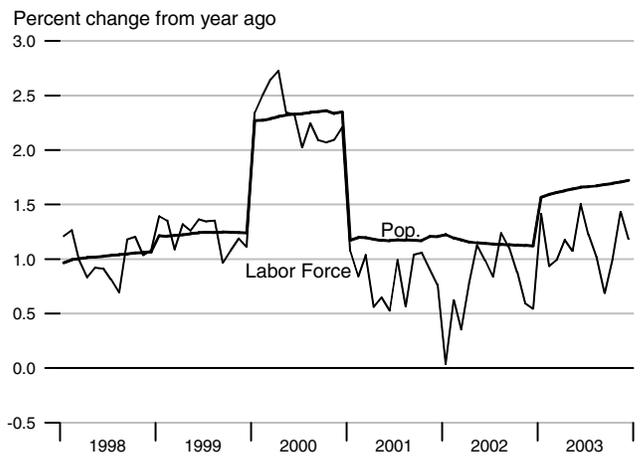
### Change in Manufacturing Payrolls



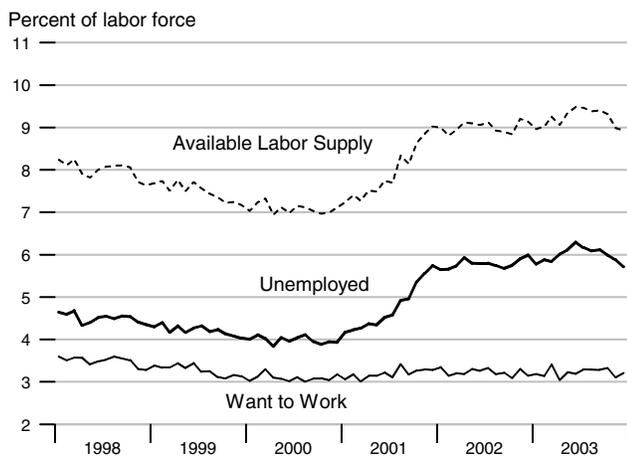
### Change in Household Employment



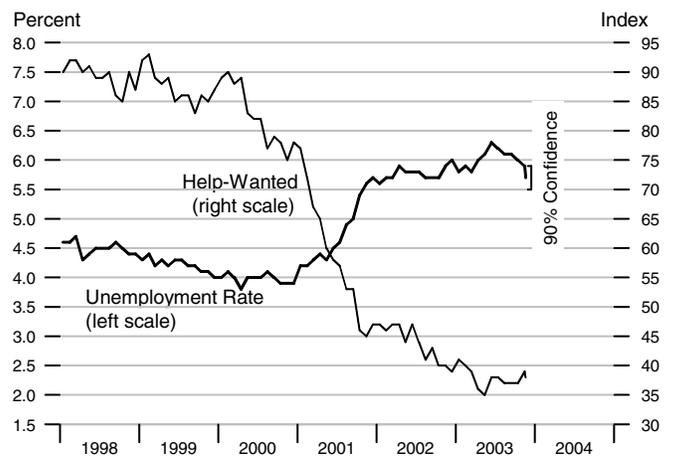
### Labor Force and Population



### Available Labor Supply and Components

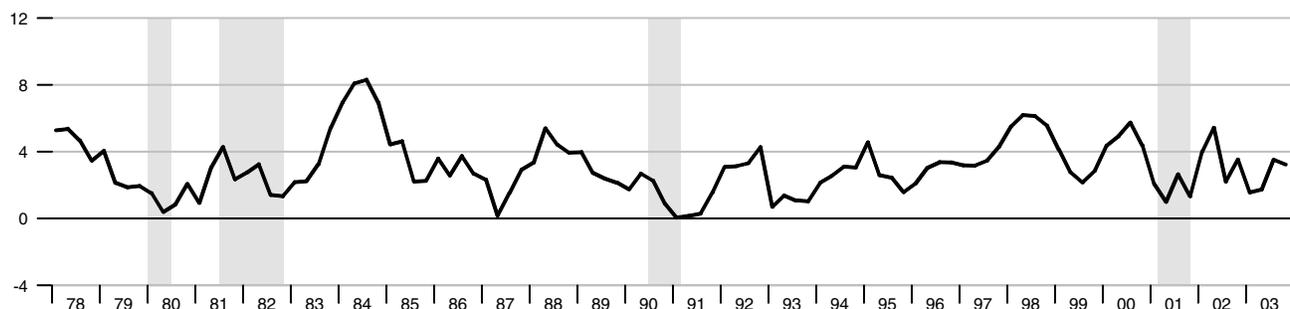


### Unemployment Rate & Help-Wanted Index



### Real Disposable Personal Income

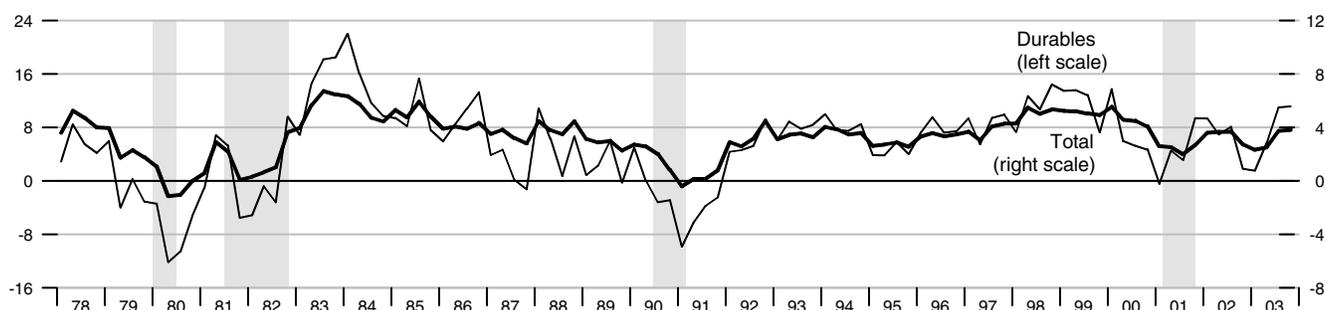
Percent change from year ago, quarterly data



### Real Consumption

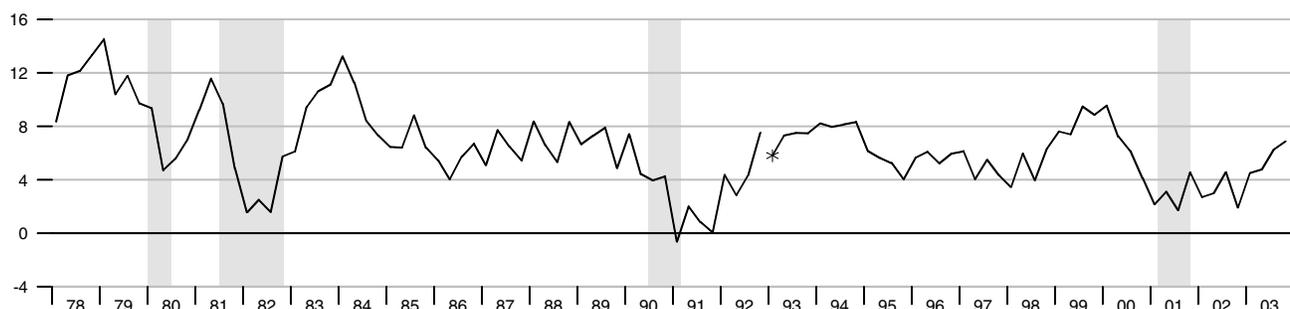
Percent change from year ago, quarterly data

Percent change from year ago, quarterly data



### Retail and Food Services Sales

Percent change from year ago, quarterly average

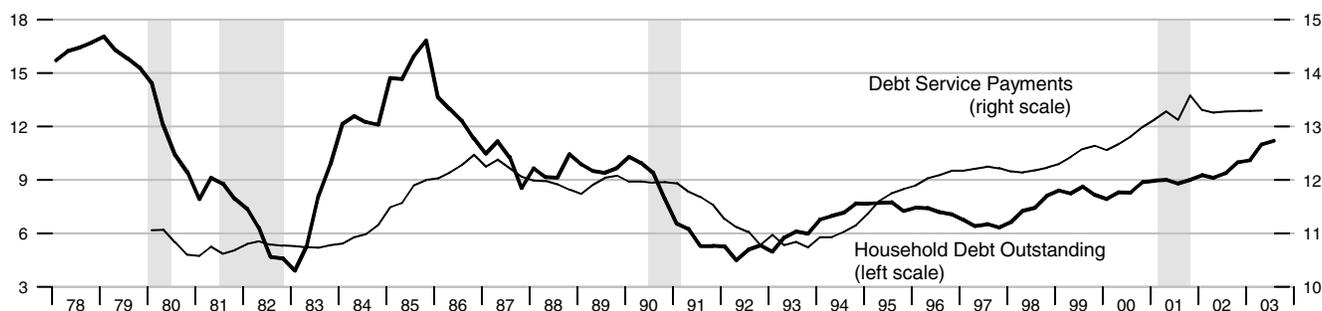


\*Data before January 1992 are not strictly comparable (see End Notes).

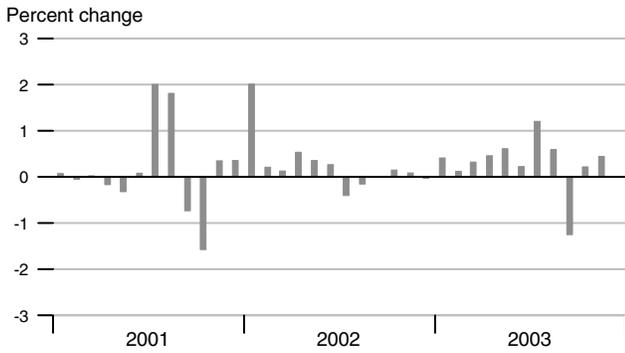
### Debt Service Payments and Household Debt Outstanding

Percent change from year ago, quarterly data

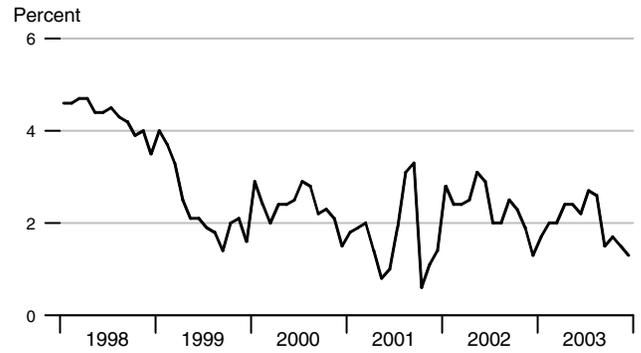
Percent of disposable personal income



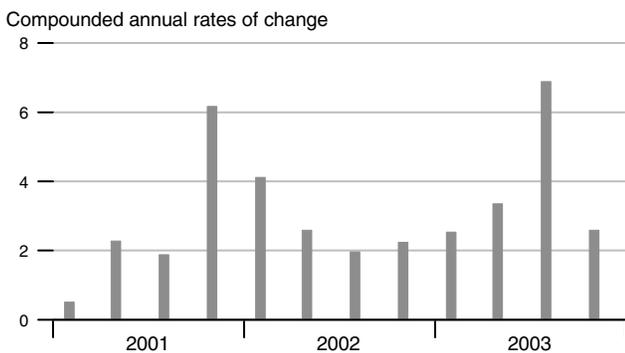
### Real Disposable Personal Income



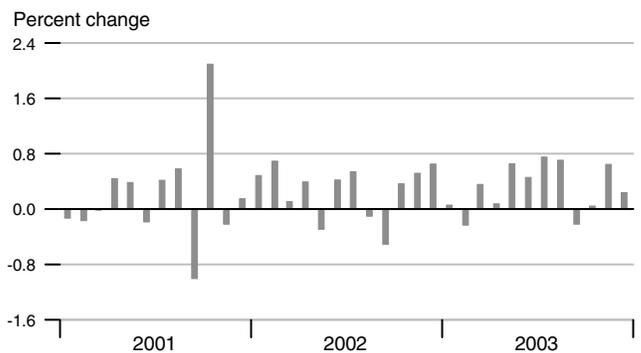
### Personal Saving Rate



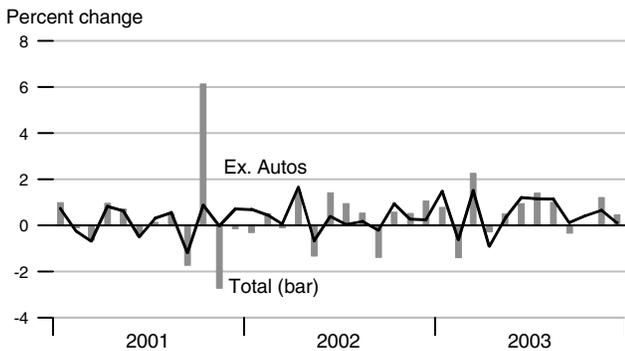
### Real Consumption



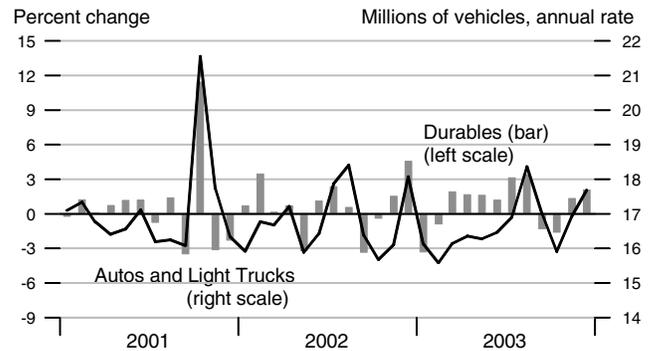
### Real Consumption



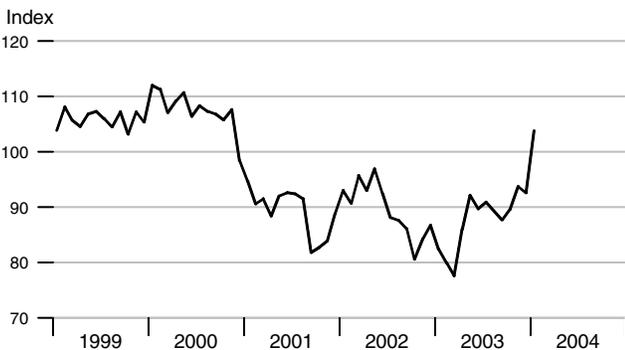
### Retail & Food Services



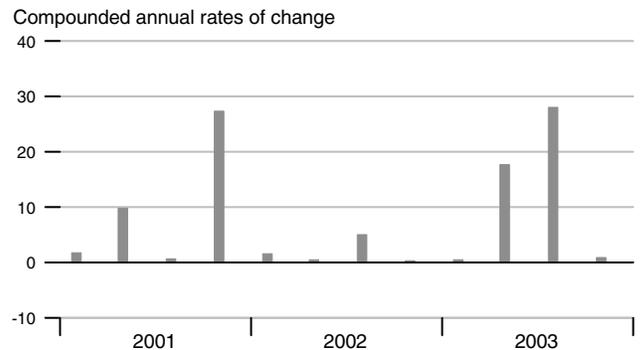
### Real Durables Consumption & Vehicle Sales



### Consumer Sentiment (U. of Michigan)

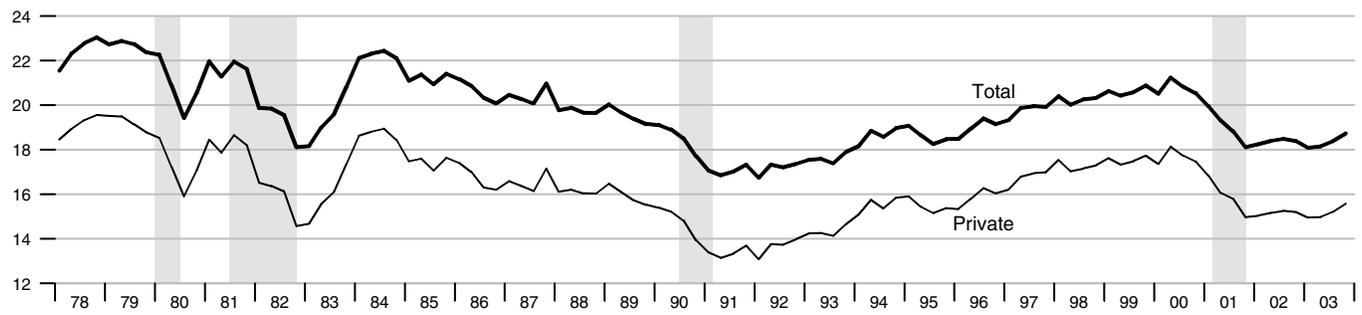


### Real Durables Consumption



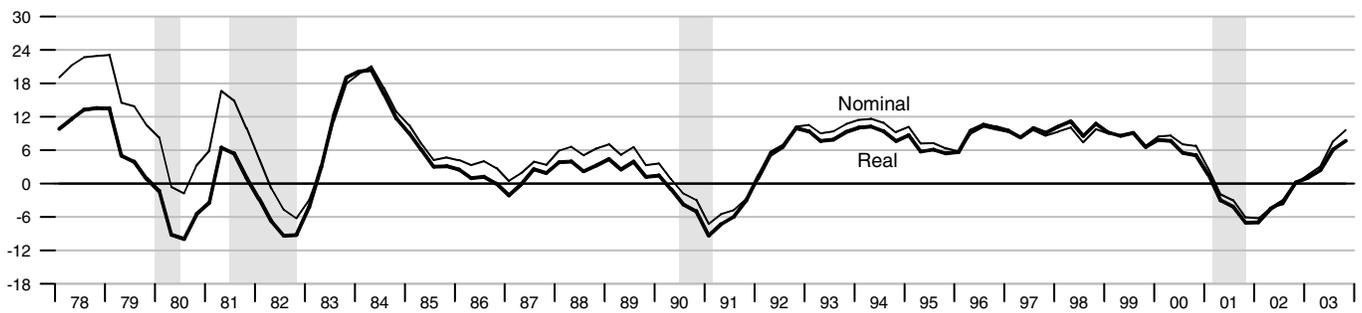
### Investment

Percent of nominal GDP



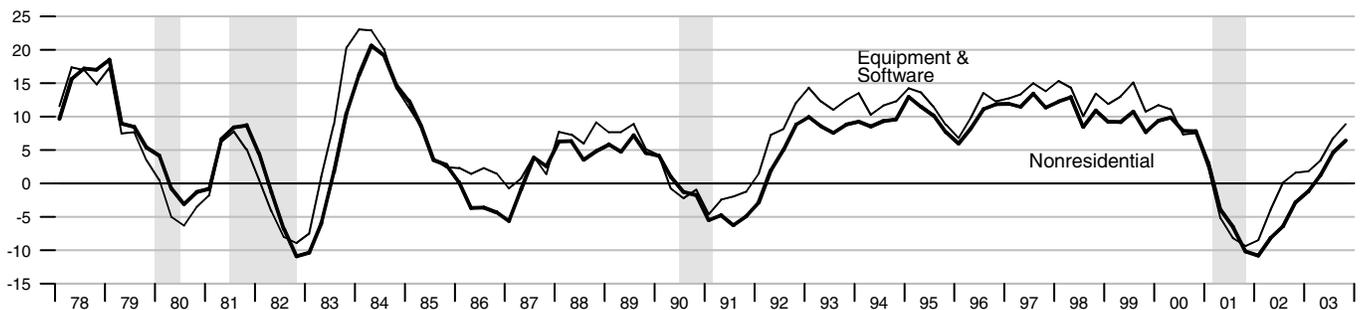
### Private Fixed Investment

Percent change from year ago



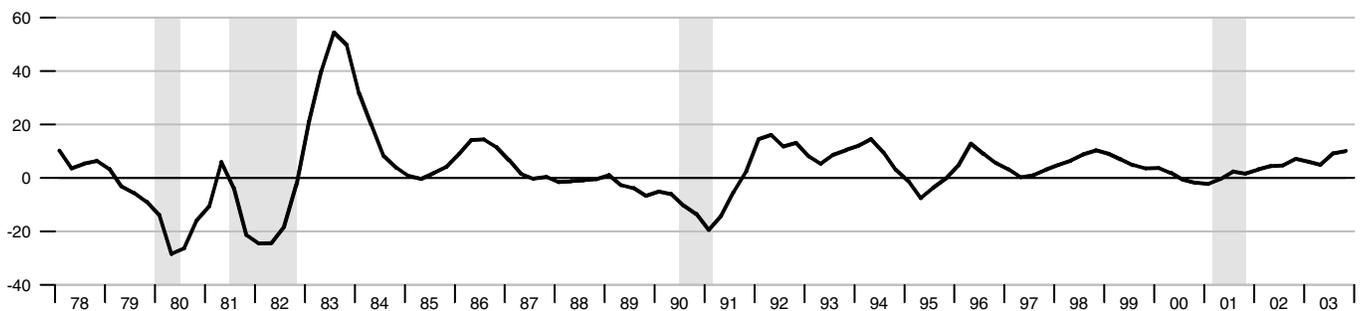
### Real Nonresidential Fixed and Equipment & Software Investment

Percent change from year ago

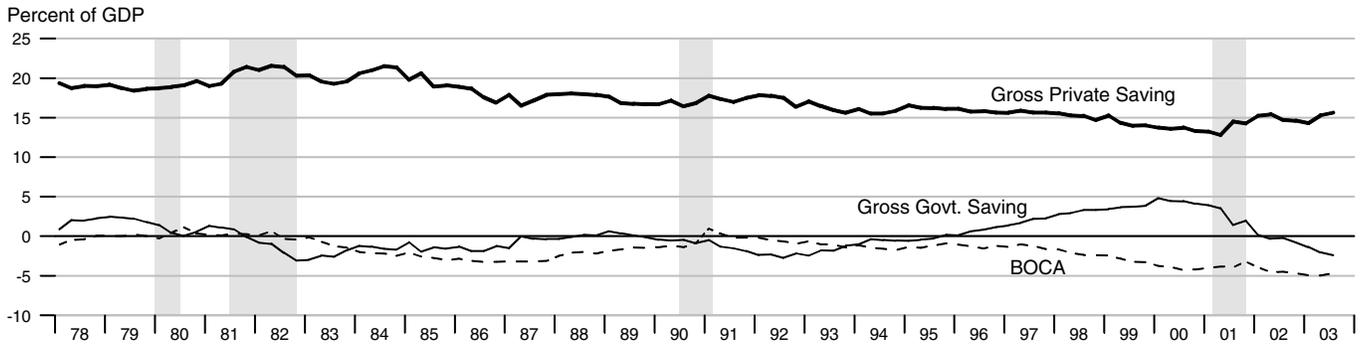


### Real Residential Fixed Investment

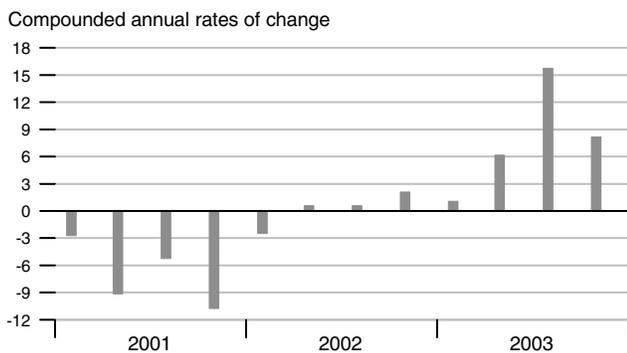
Percent change from year ago



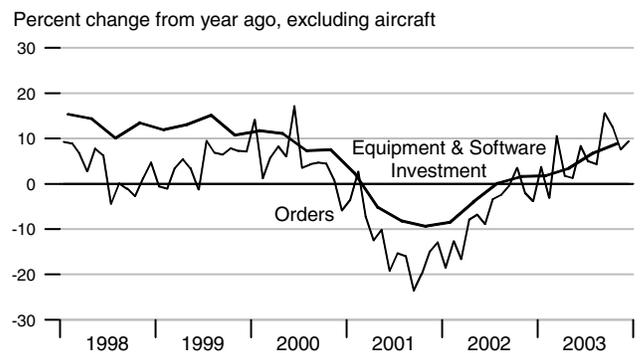
### Gross Saving Rates and Balance on Current Account (NIPA)



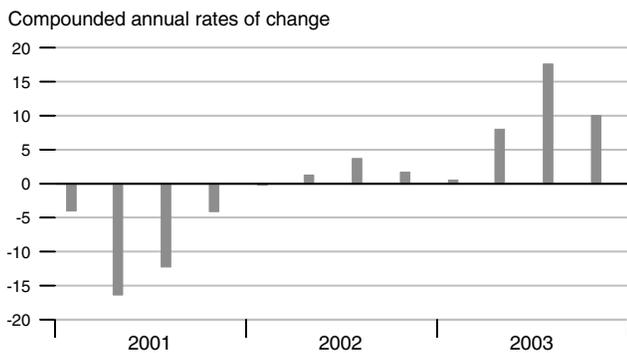
### Real Private Fixed Investment



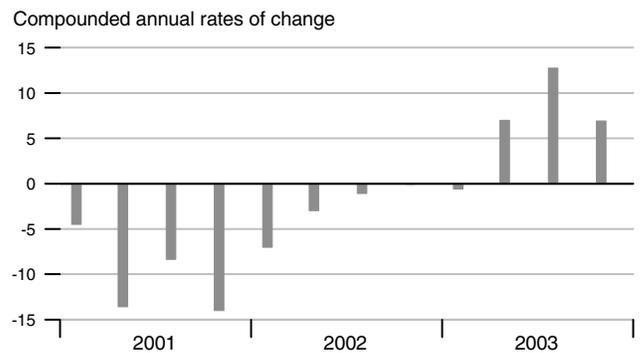
### Nondefense Capital Goods Orders



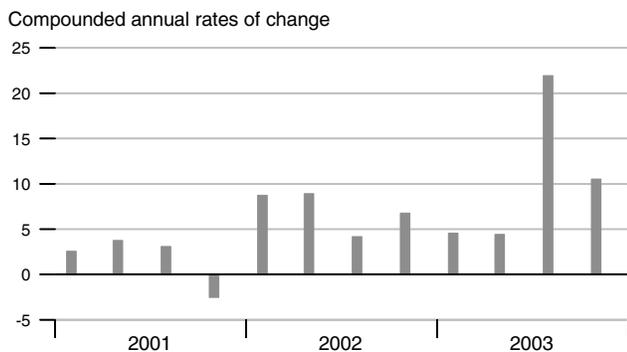
### Real Equipment & Software Investment



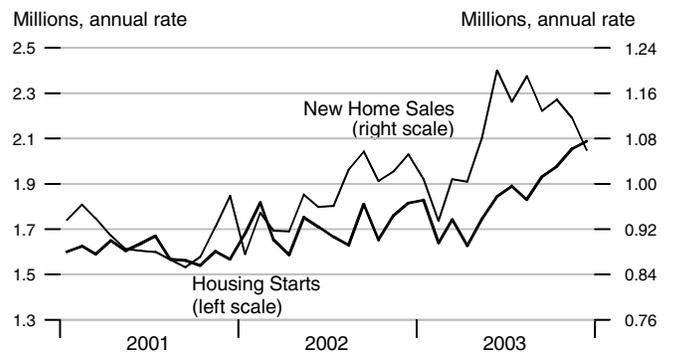
### Real Nonresidential Fixed Investment



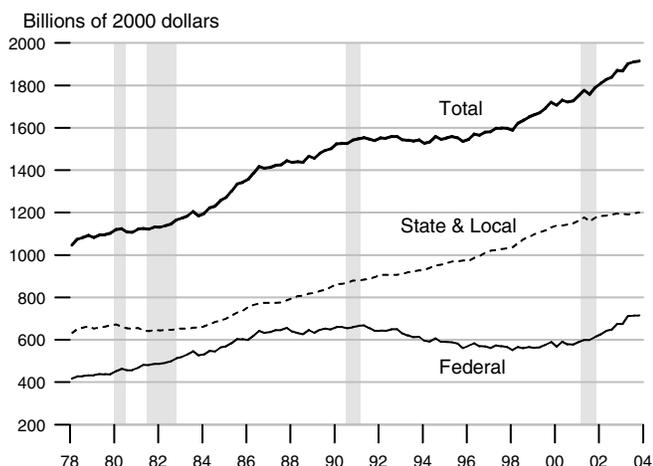
### Real Residential Fixed Investment



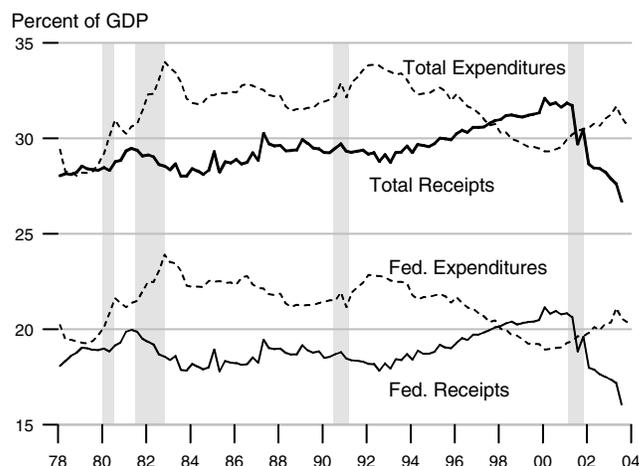
### Housing Starts and New Home Sales



**Govt. Consumption and Investment**



**Govt. Current Receipts and Expenditures**



**Government Budgets**

Billions of dollars

**National Income Accounts**

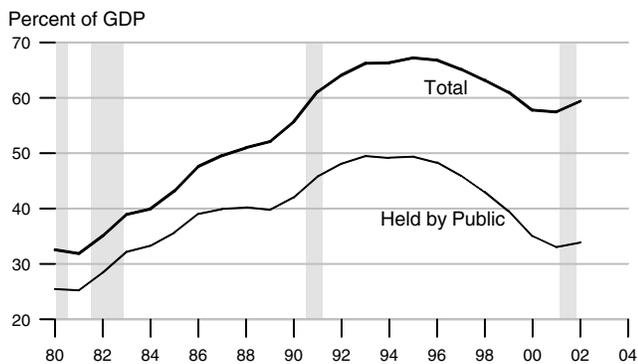
Calendar Years

**Unified Budget**

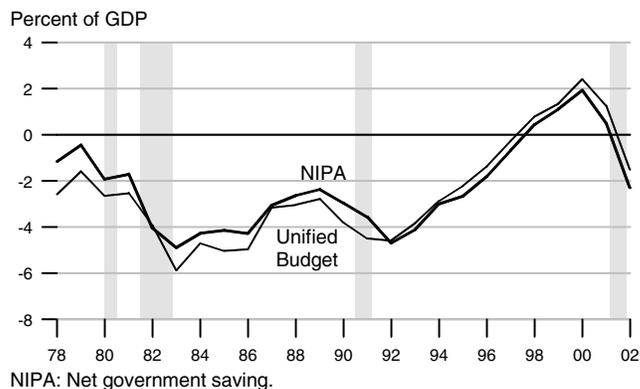
Fiscal Years

	State and Local			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	-269.4
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	1560.6	-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	125.5
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	1863.9	127.1
2002	1424.7	1427.9	-3.2	1860.7	2100.7	-240.0	1853.2	2011.0	-157.8
2001Q1	1370.5	1334.4	36.1	2088.5	1932.4	156.1	459.8	482.2	-22.5
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	1784.3	2283.7	-499.4	429.4	534.0	-104.5
2003Q4		1514.2			2289.9		440.8	569.4	-128.7

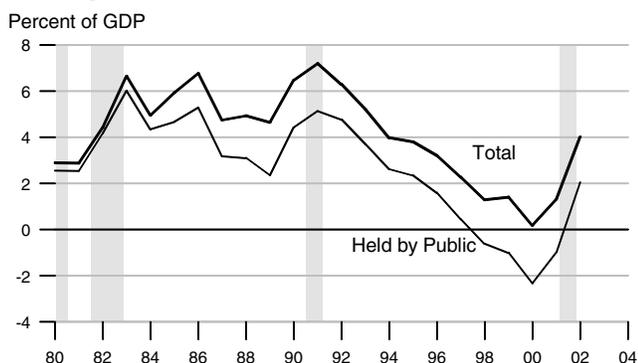
### Federal Debt



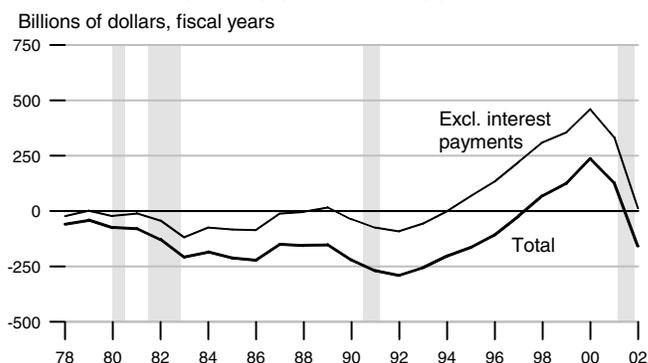
### Federal Surplus (+) / Deficit (-)



### Change in Federal Debt



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

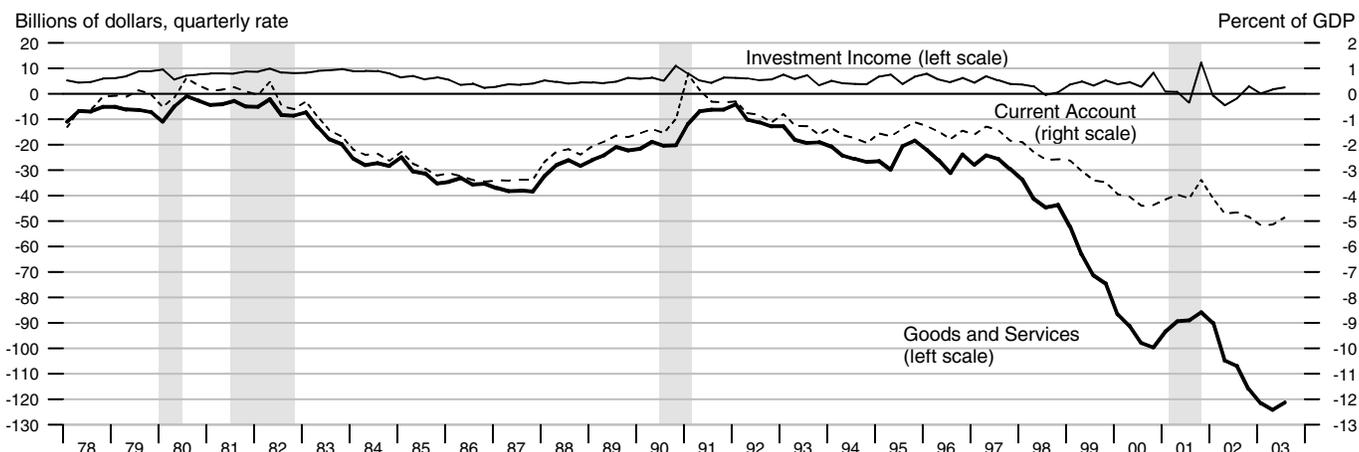


### Federal Government Debt

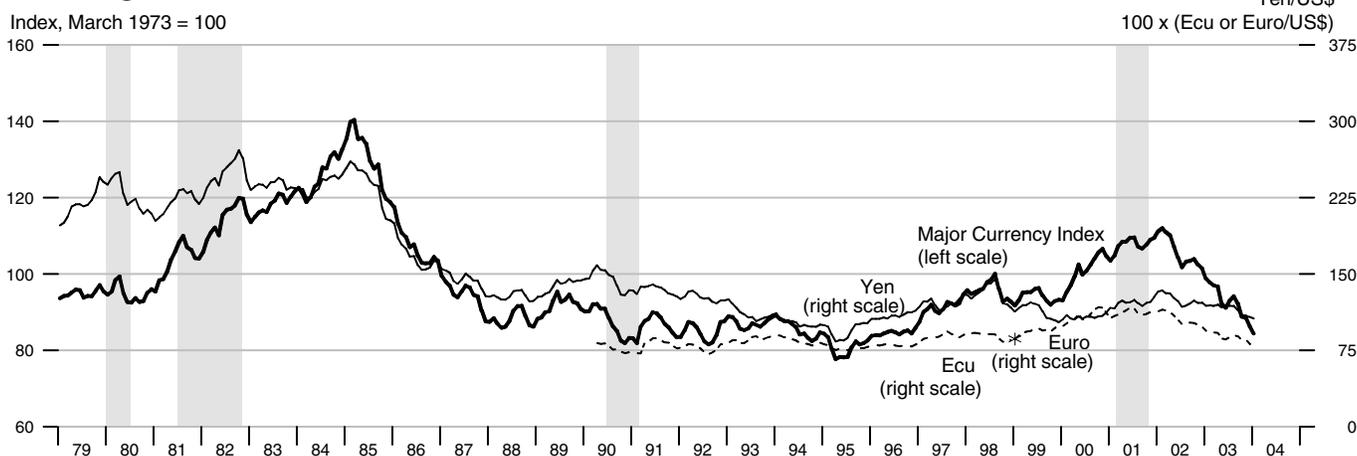
Billions of dollars, end of month or fiscal year  
Excludes Agency-issued debt

	Total Public Debt	Held by Agencies and Trusts	Held by Public		Held by Private Investors	
			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	1167.1
2003	6783.2	2859.4	3923.9	656.1	3268.0	1427.9
2000 March	5773.4	2085.4	3688.0	501.7	3182.8	1106.9
June	5685.9	2190.2	3495.7	505.0	2987.4	1082.0
September	5674.2	2235.7	3438.5	511.4	2936.2	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	2892.9	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	1053.1
2002 March	6006.0	2562.4	3443.7	575.4	2849.2	1067.0
June	6126.5	2662.9	3463.5	590.7	2849.8	1101.9
September	6228.2	2675.7	3552.6	604.2	2924.8	1167.1
December	6405.7	2758.3	3647.4	629.4	3018.5	1212.7
2003 March	6460.8	2750.0	3710.8	641.5	3056.0	1254.6
June	6670.1	2853.8	3816.3	652.1	3164.7	1355.5
September	6783.2	2859.4	3923.9	656.1	3268.0	1427.9

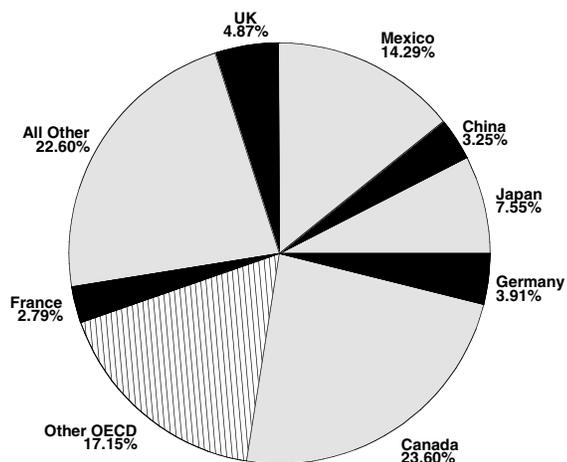
**Current Account, Trade and Investment Income Balances**



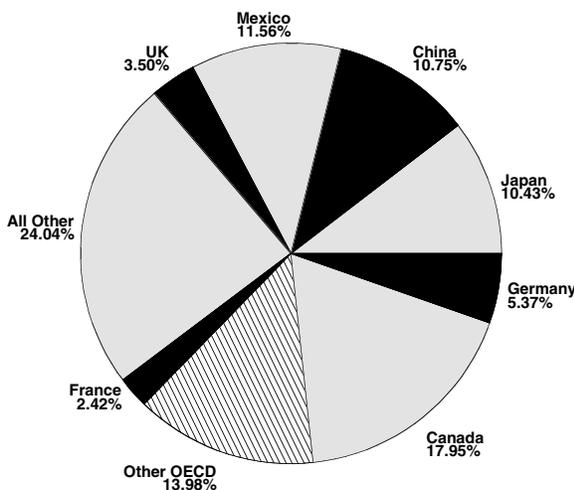
**Exchange Rates**



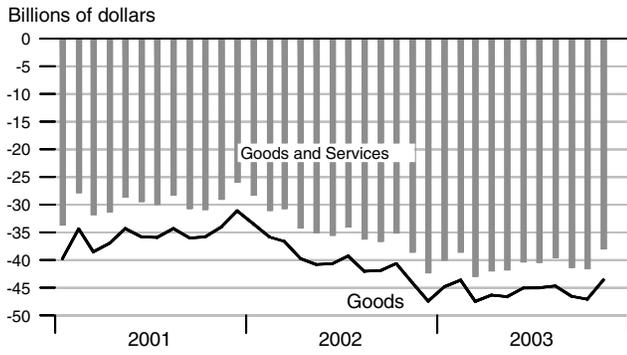
**Goods Export Shares, 2002**



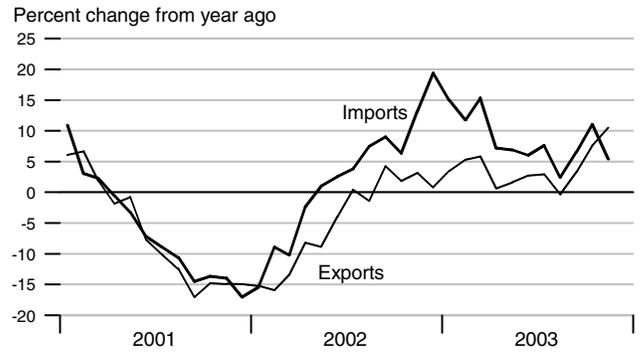
**Goods Import Shares, 2002**



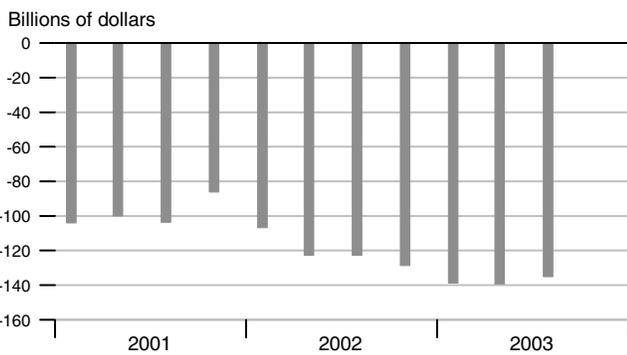
### Trade Balance



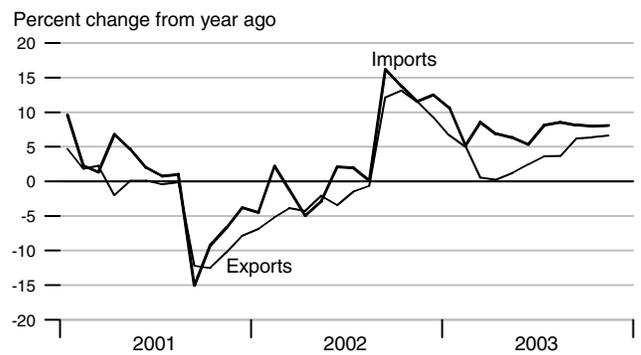
### Goods Trade



### Current Account Balance

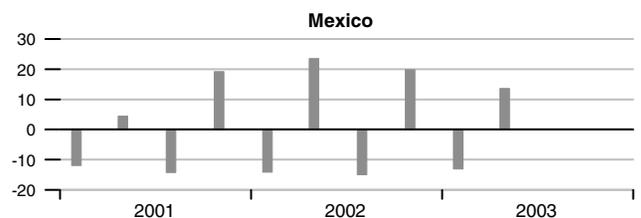
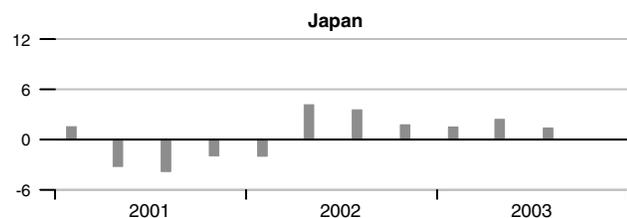
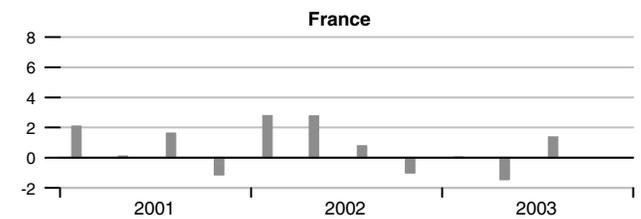
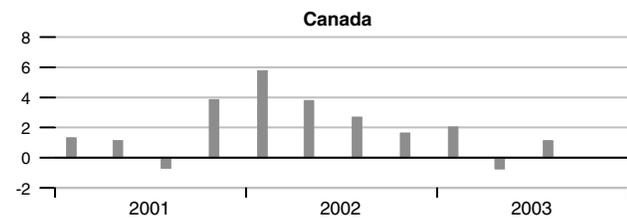
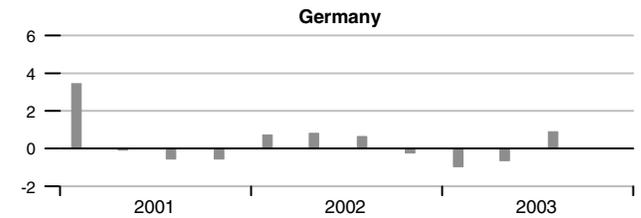
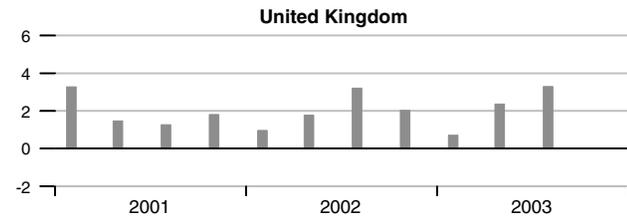


### Services Trade

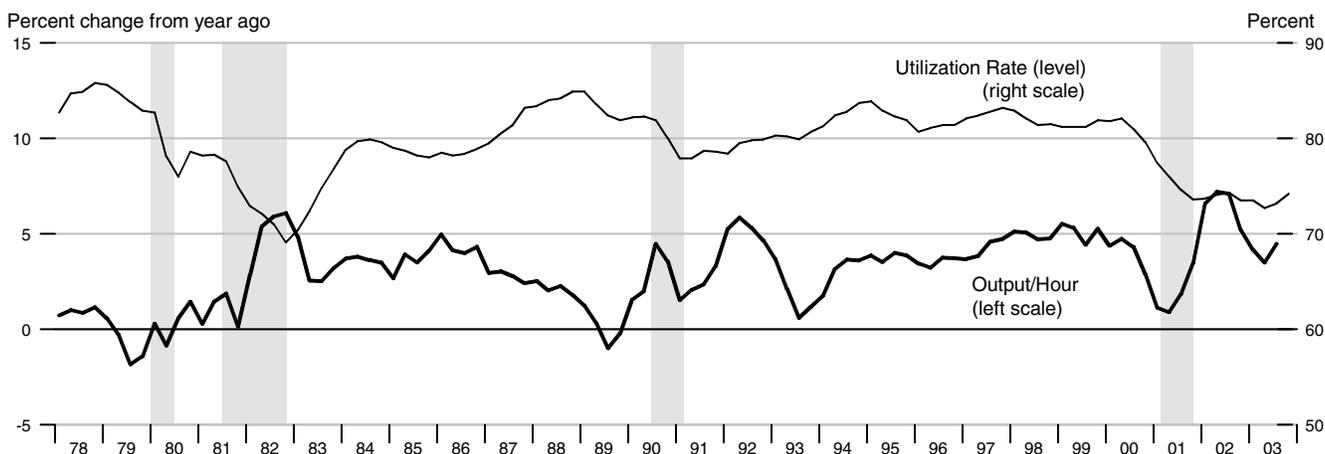


### Real GDP Growth of Major Trading Partners

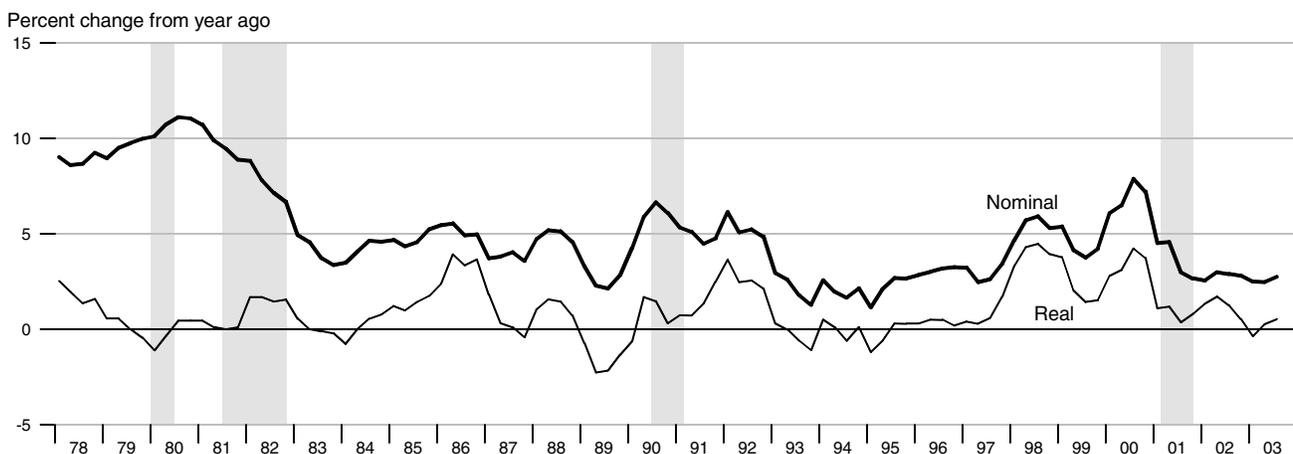
Compounded annual rates of change



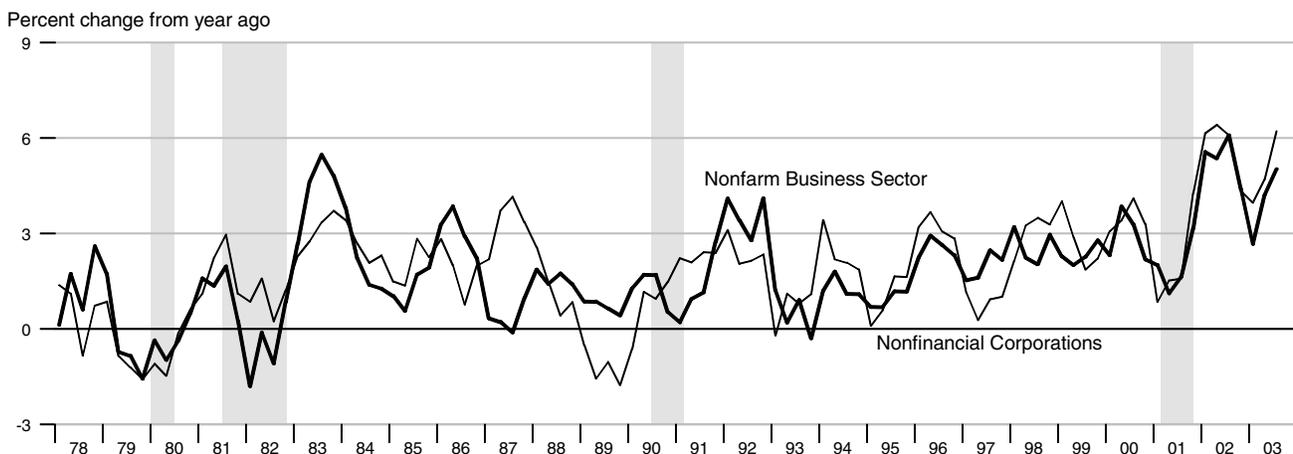
### Output per Hour and Capacity Utilization, Manufacturing



### Nonfarm Compensation per Hour

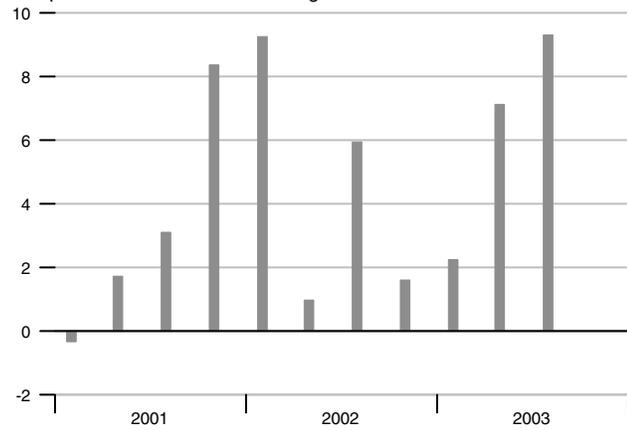


### Output per Hour, Nonfarm Business and Nonfinancial Corporations



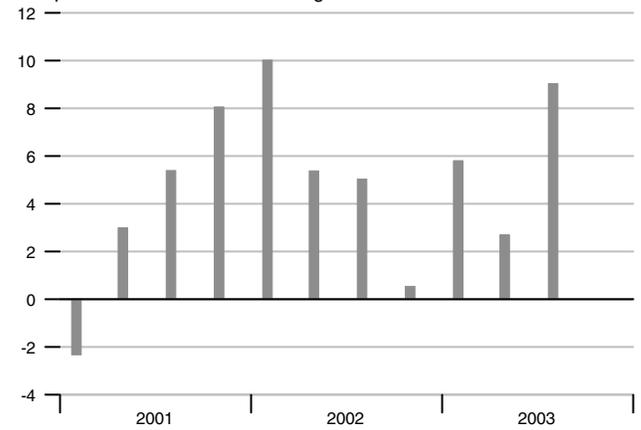
### Nonfarm Output per Hour

Compounded annual rates of change



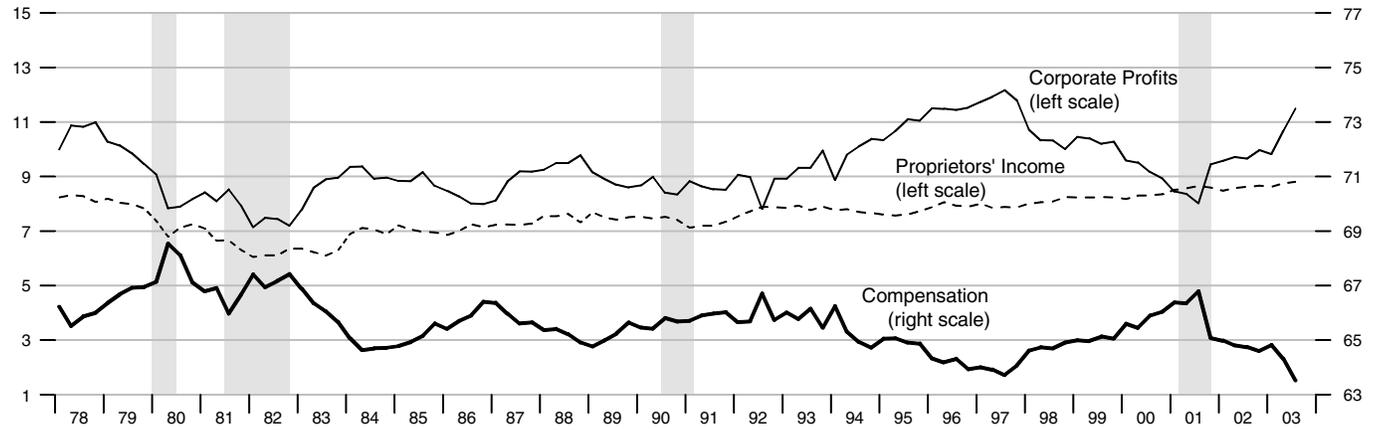
### Manufacturing Output per Hour

Compounded annual rates of change



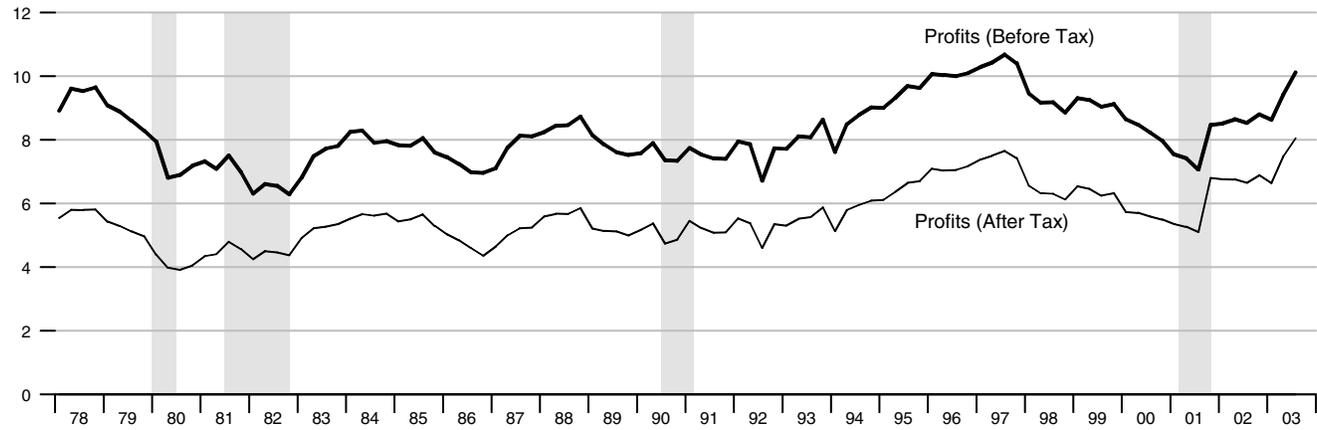
### Selected Component Shares of National Income

Percent



### Corporate Profits

Percent of GDP



	Nominal GDP			Real GDP			Final Sales			Change in Private Inventories		
	Billions of \$	Percent change		Billions of 2000 \$	Percent change		Billions of 2000 \$	Percent change		Billions of 2000 \$		
		Annual rate	Year ago		Annual rate	Year ago		Annual rate	Year ago	Last qtr	Year/Year ago	
2000	9817.0		5.9	9817.000		3.7	9760.500		3.8		56.500	
2001	10100.8		2.9	9866.600		0.5	9901.100		1.4		-36.000	
2002	10480.8		3.8	10083.000		2.2	10076.900		1.8		5.700	
2003												
2000 1	9629.4	4.7	6.2	9695.600	1.0	4.1	9668.800	4.2	4.6	26.900	55.725	
2	9822.8	8.3	7.1	9847.900	6.4	4.8	9748.400	3.3	4.2	99.300	70.125	
3	9862.1	1.6	5.9	9836.600	-0.5	3.5	9780.400	1.3	3.5	56.200	71.475	
4	9953.6	3.8	4.6	9887.700	2.1	2.2	9844.300	2.6	2.9	43.500	56.475	
2001 1	10024.8	2.9	4.1	9882.200	-0.2	1.9	9877.500	1.4	2.2	4.300	50.825	
2	10088.2	2.6	2.7	9866.300	-0.6	0.2	9895.300	0.7	1.5	-28.800	18.800	
3	10096.2	0.3	2.4	9834.600	-1.3	-0.0	9876.900	-0.7	1.0	-44.000	-6.250	
4	10193.9	3.9	2.4	9883.600	2.0	-0.0	9954.900	3.2	1.1	-75.500	-36.000	
2002 1	10329.3	5.4	3.0	9997.900	4.7	1.2	10020.100	2.6	1.4	-23.500	-42.950	
2	10428.3	3.9	3.4	10045.100	1.9	1.8	10052.300	1.3	1.6	-8.000	-37.750	
3	10542.0	4.4	4.4	10128.400	3.4	3.0	10096.400	1.8	2.2	32.800	-18.550	
4	10623.7	3.1	4.2	10160.800	1.3	2.8	10138.900	1.7	1.8	21.500	5.700	
2003 1	10735.8	4.3	3.9	10210.400	2.0	2.1	10206.400	2.7	1.9	1.600	11.975	
2	10846.7	4.2	4.0	10288.300	3.1	2.4	10289.500	3.3	2.4	-4.500	12.850	
3	11107.0	10.0	5.4	10493.100	8.2	3.6	10497.700	8.3	4.0	-9.100	2.375	
4	11246.3	5.1	5.9	10597.100	4.0	4.3	10585.900	3.4	4.4	6.100	-1.475	
	Consumption			Durables Consumption			Private Fixed Investment			Nonresidential Fixed Investment		
	Billions of 2000 \$	Percent change		Billions of 2000 \$	Percent change		Billions of 2000 \$	Percent change		Billions of 2000 \$	Percent change	
		Annual rate	Year ago		Annual rate	Year ago		Annual rate	Year ago		Annual rate	Year ago
2000	6739.400		4.7	863.300		7.3	1679.000		6.5	1232.100		8.7
2001	6904.600		2.5	899.100		4.1	1625.700		-3.2	1176.800		-4.5
2002	7140.400		3.4	957.200		6.5	1565.800		-3.7	1092.600		-7.2
2003												
2000 1	6661.300	6.5	5.5	872.800	24.4	13.7	1651.100	11.5	7.8	1196.700	14.3	9.4
2	6703.300	2.5	4.6	851.300	-9.5	5.9	1689.100	9.5	7.7	1238.600	14.8	9.9
3	6768.000	3.9	4.5	863.800	6.0	5.3	1686.400	-0.6	5.5	1245.200	2.1	7.9
4	6825.000	3.4	4.1	865.400	0.7	4.7	1689.400	0.7	5.1	1247.900	0.9	7.8
2001 1	6833.700	0.5	2.6	869.100	1.7	-0.4	1677.800	-2.7	1.6	1233.600	-4.5	3.1
2	6872.200	2.3	2.5	889.600	9.8	4.5	1638.000	-9.2	-3.0	1189.400	-13.6	-4.0
3	6904.200	1.9	2.0	891.100	0.7	3.2	1616.100	-5.2	-4.2	1163.700	-8.4	-6.5
4	7008.200	6.2	2.7	946.600	27.3	9.4	1570.700	-10.8	-7.0	1120.600	-14.0	-10.2
2002 1	7079.200	4.1	3.6	950.300	1.6	9.3	1560.900	-2.5	-7.0	1100.400	-7.0	-10.8
2	7124.500	2.6	3.7	951.400	0.5	6.9	1563.200	0.6	-4.6	1092.100	-3.0	-8.2
3	7159.200	2.0	3.7	963.100	5.0	8.1	1565.400	0.6	-3.1	1089.100	-1.1	-6.4
4	7198.900	2.2	2.7	963.800	0.3	1.8	1573.500	2.1	0.2	1088.900	-0.1	-2.8
2003 1	7244.100	2.5	2.3	965.000	0.5	1.5	1577.700	1.1	1.1	1087.300	-0.6	-1.2
2	7304.000	3.3	2.5	1005.100	17.7	5.6	1601.400	6.1	2.4	1105.800	7.0	1.3
3	7426.600	6.9	3.7	1069.100	28.0	11.0	1661.000	15.7	6.1	1139.500	12.8	4.6
4	7474.200	2.6	3.8	1071.400	0.9	11.2	1693.900	8.2	7.7	1158.700	6.9	6.4

	<b>GDP Chain Price Index</b>			<b>Employment Cost Index</b>			<b>ECI: Wages</b>			<b>ECI: Benefits</b>		
	Index	<u>Percent change</u>		Index	<u>Percent change</u>		Index	<u>Percent change</u>		Index	<u>Percent change</u>	
		Annual rate	Year ago		Annual rate	Year ago		Annual rate	Year ago		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				167.1		3.9	161.0		2.9	182.5		6.3
2000 1	99.292	3.4	2.1	146.6	5.4	4.6	143.9	4.3	4.2	153.2	8.2	5.4
2	99.780	2.0	2.1	148.2	4.4	4.6	145.4	4.2	4.1	155.1	5.1	5.7
3	100.241	1.9	2.3	149.7	4.1	4.7	146.7	3.6	4.1	157.0	5.0	5.9
4	100.687	1.8	2.2	151.1	3.8	4.4	147.9	3.3	3.9	158.7	4.4	5.7
2001 1	101.478	3.2	2.2	152.8	4.6	4.2	149.4	4.1	3.8	160.8	5.4	5.0
2	102.273	3.2	2.5	154.2	3.7	4.0	150.8	3.8	3.7	162.5	4.3	4.8
3	102.676	1.6	2.4	155.7	3.9	4.0	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	153.4	3.7	3.7	166.8	5.2	5.1
2002 1	103.364	1.1	1.9	158.8	3.6	3.9	154.8	3.7	3.6	168.6	4.4	4.9
2	103.738	1.5	1.4	160.5	4.4	4.1	156.2	3.7	3.6	170.8	5.3	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	162.7	3.0	3.4	157.7	2.1	2.8	174.7	5.0	4.7
2003 1	105.163	2.3	1.7	164.9	5.5	3.8	159.3	4.1	2.9	178.9	10.0	6.1
2	105.440	1.1	1.6	166.3	3.4	3.6	160.3	2.5	2.6	181.3	5.5	6.1
3	105.870	1.6	1.7	168.0	4.2	4.0	161.7	3.5	3.1	183.8	5.6	6.5
4	106.159	1.1	1.5	169.2	2.9	4.0	162.5	2.0	3.0	186.0	4.9	6.5
	<b>Exports</b>			<b>Imports</b>			<b>Nonfarm Output per Hour</b>			<b>Nonfarm Compensation per Hour</b>		
	Billions of 2000 \$	<u>Percent change</u>		Billions of 2000 \$	<u>Percent change</u>		Index	<u>Percent change</u>		Index	<u>Percent change</u>	
		Annual rate	Year ago		Annual rate	Year ago		Annual rate	Year ago		Annual rate	Year ago
2000	1096.300		8.7	1475.800		13.1	116.1		2.9	133.0		7.0
2001	1039.000		-5.2	1437.100		-2.6	118.3		1.9	137.8		3.6
2002	1014.200		-2.4	1484.700		3.3	124.7		5.4	141.7		2.8
2003												
2000 1	1060.900	6.6	8.2	1411.500	16.7	13.6	114.6	0.3	2.3	130.8	15.4	6.1
2	1092.000	12.3	10.2	1466.500	16.5	14.0	116.1	5.3	3.8	131.4	1.8	6.5
3	1120.000	10.7	10.1	1515.600	14.1	13.8	116.4	1.0	3.3	134.2	8.8	7.9
4	1112.300	-2.7	6.5	1509.500	-1.6	11.2	117.0	2.1	2.2	135.3	3.3	7.2
2001 1	1099.600	-4.5	3.6	1485.500	-6.2	5.2	116.9	-0.3	2.0	136.7	4.2	4.5
2	1060.900	-13.4	-2.8	1452.700	-8.5	-0.9	117.4	1.7	1.1	137.4	2.1	4.6
3	1010.600	-17.7	-9.8	1411.900	-10.8	-6.8	118.3	3.1	1.6	138.2	2.3	3.0
4	984.800	-9.8	-11.5	1398.200	-3.8	-7.4	120.7	8.4	3.2	138.9	2.0	2.7
2002 1	995.400	4.4	-9.5	1426.700	8.4	-4.0	123.4	9.3	5.6	140.2	3.8	2.6
2	1016.500	8.8	-4.2	1484.100	17.1	2.2	123.7	1.0	5.4	141.5	3.8	3.0
3	1027.300	4.3	1.7	1499.200	4.1	6.2	125.5	5.9	6.1	142.2	2.0	2.9
4	1017.500	-3.8	3.3	1529.000	8.2	9.4	126.0	1.6	4.4	142.8	1.7	2.8
2003 1	1012.400	-2.0	1.7	1502.500	-6.8	5.3	126.7	2.2	2.7	143.7	2.5	2.5
2	1009.600	-1.1	-0.7	1535.700	9.1	3.5	128.9	7.1	4.2	145.0	3.7	2.5
3	1033.700	9.9	0.6	1538.900	0.8	2.6	131.8	9.3	5.0	146.1	3.1	2.7
4	1079.900	19.1	6.1	1580.600	11.3	3.4						

		Household Survey Employment				Nonfarm Payroll Employment				Nonfarm Aggregate Hours			
		Thousands	Change	Percent change		Thousands	Change	Percent change		Index	Percent change		
				Annual rate	Year ago			Annual rate	Year ago		Monthly rate	Annual rate	Year ago
	1999	133501	2025		1.5	128994	3070		2.4	101.5			2.1
	2000	136902	3401		2.5	131790	2796		2.2	103.4			1.9
	2001	136944	42		0.0	131830	40		0.0	102.1			-1.3
	2002	136487	-456		-0.3	130376	-1454		-1.1	100.0			-2.0
	2003	137739	1252		0.9	130055	-321		-0.2	98.9			-1.1
2001	1	137703	346	1.0	0.8	132508	199	0.6	1.1	103.4	-0.2	-0.6	0.2
	2	137060	-643	-1.9	0.1	132180	-327	-1.0	0.3	102.6	-0.8	-3.2	-0.9
	3	136758	-302	-0.9	0.0	131712	-468	-1.4	-0.2	101.8	-0.8	-3.1	-1.7
	4	136253	-505	-1.5	-0.8	130920	-792	-2.4	-1.1	100.6	-1.2	-4.6	-2.9
2002	1	136061	-192	-0.6	-1.2	130523	-397	-1.2	-1.5	100.4	-0.1	-0.5	-2.9
	2	136318	257	0.8	-0.5	130403	-120	-0.4	-1.3	100.3	-0.1	-0.5	-2.2
	3	136875	557	1.6	0.1	130239	-164	-0.5	-1.1	99.8	-0.5	-1.8	-1.9
	4	136694	-181	-0.5	0.3	130338	99	0.3	-0.4	99.6	-0.3	-1.1	-1.0
2003	1	137355	661	1.9	1.0	130225	-113	-0.3	-0.2	99.1	-0.4	-1.7	-1.3
	2	137585	230	0.7	0.9	129984	-241	-0.7	-0.3	98.7	-0.4	-1.6	-1.6
	3	137647	62	0.2	0.6	129902	-81	-0.3	-0.3	98.6	-0.2	-0.7	-1.3
	4	138369	722	2.1	1.2	130109	207	0.6	-0.2	99.1	0.5	2.2	-0.5
2001	Dec	136078	-156	-1.4	-1.1	130661	-239	-2.2	-1.3	100.6	0.1	1.2	-2.4
2002	Jan	135715	-363	-3.2	-1.5	130578	-83	-0.8	-1.4	100.3	-0.3	-3.5	-3.3
	Feb	136362	647	5.9	-0.9	130510	-68	-0.6	-1.5	100.5	0.2	2.4	-2.7
	Mar	136106	-256	-2.2	-1.2	130481	-29	-0.3	-1.5	100.5	0.0	0.0	-2.6
	Apr	136096	-10	-0.1	-0.9	130415	-66	-0.6	-1.4	100.3	-0.2	-2.4	-2.3
	May	136505	409	3.7	-0.4	130411	-4	-0.0	-1.4	100.2	-0.1	-1.2	-2.3
	Jun	136353	-152	-1.3	-0.4	130383	-28	-0.3	-1.3	100.4	0.2	2.4	-2.0
	Jul	136478	125	1.1	-0.4	130204	-179	-1.6	-1.3	99.7	-0.7	-8.1	-2.5
	Aug	136811	333	3.0	0.4	130224	20	0.2	-1.1	99.9	0.2	2.4	-1.9
	Sep	137337	526	4.7	0.3	130289	65	0.6	-1.0	99.9	0.0	0.0	-1.3
	Oct	137079	-258	-2.2	0.5	130408	119	1.1	-0.6	99.7	-0.2	-2.4	-0.9
	Nov	136545	-534	-4.6	0.2	130409	1	0.0	-0.4	99.6	-0.1	-1.2	-0.9
	Dec	136459	-86	-0.8	0.3	130198	-211	-1.9	-0.4	99.4	-0.2	-2.4	-1.2
2003	Jan	137447	988	9.0	1.3	130356	158	1.5	-0.2	99.4	0.0	0.0	-0.9
	Feb	137318	-129	-1.1	0.7	130235	-121	-1.1	-0.2	99.0	-0.4	-4.7	-1.5
	Mar	137300	-18	-0.2	0.9	130084	-151	-1.4	-0.3	99.0	0.0	0.0	-1.5
	Apr	137578	278	2.5	1.1	130062	-22	-0.2	-0.3	98.8	-0.2	-2.4	-1.5
	May	137505	-73	-0.6	0.7	129986	-76	-0.7	-0.3	98.7	-0.1	-1.2	-1.5
	Jun	137673	168	1.5	1.0	129903	-83	-0.8	-0.4	98.7	0.0	0.0	-1.7
	Jul	137604	-69	-0.6	0.8	129846	-57	-0.5	-0.3	98.3	-0.4	-4.8	-1.4
	Aug	137693	89	0.8	0.6	129881	35	0.3	-0.3	98.7	0.4	5.0	-1.2
	Sep	137644	-49	-0.4	0.2	129980	99	0.9	-0.2	98.7	0.0	0.0	-1.2
	Oct	138095	451	4.0	0.7	130080	100	0.9	-0.3	99.1	0.4	5.0	-0.6
	Nov	138533	438	3.9	1.5	130123	43	0.4	-0.2	99.4	0.3	3.7	-0.2
	Dec	138479	-54	-0.5	1.5	130124	1	0.0	-0.1	98.8	-0.6	-7.0	-0.6

		Unempl. Rate	Retail and Food Services Sales				Industrial Production				Treasury Yields	
			Billions of dollars	Percent change			Index	Percent change			(Percent)	
		Monthly/ quarterly		Annual rate	Year ago	Monthly/ quarterly		Annual rate	Year ago	3-mo	10-yr	
1999		4.2	3161.948		8.4	110.577		4.4	4.64	5.64		
2000		4.0	3374.243		6.7	115.429		4.4	5.82	6.03		
2001		4.8	3471.756		2.9	111.516		-3.4	3.39	5.02		
2002		5.8	3577.155		3.0	110.876		-0.6	1.60	4.61		
2003		6.0	3777.502		5.6	111.251		0.3	1.01	4.02		
2001	1	4.2	856.706	0.8	3.0	2.2	113.673	-1.6	-6.3	-0.5	4.82	5.05
	2	4.4	863.764	0.8	3.3	3.1	112.218	-1.3	-5.0	-3.3	3.66	5.27
	3	4.8	862.246	-0.2	-0.7	1.7	110.716	-1.3	-5.2	-4.5	3.17	4.98
	4	5.6	889.040	3.1	13.0	4.6	109.458	-1.1	-4.5	-5.2	1.91	4.77
2002	1	5.7	879.850	-1.0	-4.1	2.7	109.985	0.5	1.9	-3.2	1.72	5.08
	2	5.8	889.723	1.1	4.6	3.0	111.132	1.0	4.2	-1.0	1.72	5.10
	3	5.7	901.530	1.3	5.4	4.6	111.455	0.3	1.2	0.7	1.64	4.26
	4	5.9	906.052	0.5	2.0	1.9	110.933	-0.5	-1.9	1.3	1.33	4.01
2003	1	5.8	919.353	1.5	6.0	4.5	111.172	0.2	0.9	1.1	1.16	3.92
	2	6.1	932.031	1.4	5.6	4.8	110.033	-1.0	-4.0	-1.0	1.04	3.62
	3	6.1	957.836	2.8	11.5	6.2	111.059	0.9	3.8	-0.4	0.93	4.23
	4	5.9	968.282	1.1	4.4	6.9	112.740	1.5	6.2	1.6	0.92	4.29
2002	Jan	5.6	292.393	-0.3	-3.7	2.1	109.722	0.6	7.0	-3.9	1.65	5.04
	Feb	5.7	293.878	0.5	6.3	2.7	109.893	0.2	1.9	-3.3	1.73	4.91
	Mar	5.7	293.579	-0.1	-1.2	3.3	110.340	0.4	5.0	-2.5	1.79	5.28
	Apr	5.9	297.827	1.4	18.8	3.8	110.777	0.4	4.9	-1.8	1.72	5.21
	May	5.8	293.870	-1.3	-14.8	1.7	110.950	0.2	1.9	-1.2	1.73	5.16
	Jun	5.8	298.026	1.4	18.4	3.6	111.670	0.6	8.1	0.1	1.70	4.93
	Jul	5.8	300.842	0.9	11.9	4.4	111.541	-0.1	-1.4	0.4	1.68	4.65
	Aug	5.7	302.449	0.5	6.6	4.5	111.493	-0.0	-0.5	0.6	1.62	4.26
	Sep	5.7	298.239	-1.4	-15.5	4.8	111.330	-0.1	-1.7	1.1	1.63	3.87
	Oct	5.7	299.924	0.6	7.0	-0.7	111.031	-0.3	-3.2	1.0	1.58	3.94
	Nov	5.9	301.469	0.5	6.4	2.6	111.156	0.1	1.4	1.6	1.23	4.05
	Dec	6.0	304.659	1.1	13.5	3.9	110.612	-0.5	-5.7	1.4	1.19	4.03
2003	Jan	5.8	307.045	0.8	9.8	5.0	111.164	0.5	6.2	1.3	1.17	4.05
	Feb	5.9	302.741	-1.4	-15.6	3.0	111.581	0.4	4.6	1.5	1.17	3.90
	Mar	5.8	309.567	2.3	30.7	5.4	110.771	-0.7	-8.4	0.4	1.13	3.81
	Apr	6.0	308.675	-0.3	-3.4	3.6	110.094	-0.6	-7.1	-0.6	1.13	3.96
	May	6.1	310.214	0.5	6.1	5.6	110.019	-0.1	-0.8	-0.8	1.07	3.57
	Jun	6.3	313.142	0.9	11.9	5.1	109.986	-0.0	-0.4	-1.5	0.92	3.33
	Jul	6.2	317.512	1.4	18.1	5.5	110.829	0.8	9.6	-0.6	0.90	3.98
	Aug	6.1	320.703	1.0	12.7	6.0	110.857	0.0	0.3	-0.6	0.95	4.45
	Sep	6.1	319.621	-0.3	-4.0	7.2	111.492	0.6	7.1	0.1	0.94	4.27
	Oct	6.0	319.705	0.0	0.3	6.6	111.937	0.4	4.9	0.8	0.92	4.29
	Nov	5.9	323.541	1.2	15.4	7.3	113.097	1.0	13.2	1.7	0.93	4.30
	Dec	5.7	325.036	0.5	5.7	6.7	113.187	0.1	1.0	2.3	0.90	4.27
2004	Jan										0.88	4.15

		Consumer Price Index					Consumer Price Index less Food and Energy					Producer Price Index Finished Goods			
		Percent change					Percent change					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	Annual rate	Year ago
1999		166.6			2.2		177.0			2.1		133.0			1.8
2000		172.2			3.4		181.3			2.4		138.0			3.7
2001		177.1			2.8		186.1			2.7		140.7			2.0
2002		179.9			1.6		190.4			2.3		138.9			-1.3
2003		184.0			2.3		193.2			1.5		143.3			3.2
2001	1	175.9	0.9	3.8	3.4	3.8	184.3	0.7	2.9	2.7	2.9	141.7	1.3	5.4	4.0
	2	177.3	0.8	3.2	3.4	3.5	185.5	0.6	2.6	2.6	2.8	142.0	0.2	0.8	3.4
	3	177.7	0.2	1.0	2.7	2.7	186.7	0.7	2.7	2.7	2.7	140.7	-0.9	-3.5	1.6
	4	177.4	-0.2	-0.6	1.8	1.8	188.0	0.7	2.7	2.7	2.7	138.4	-1.7	-6.6	-1.1
2002	1	178.0	0.3	1.3	1.2	1.3	189.0	0.5	2.1	2.5	2.1	138.3	-0.0	-0.1	-2.4
	2	179.5	0.9	3.5	1.3	2.4	190.0	0.5	2.1	2.4	2.1	138.7	0.2	1.0	-2.3
	3	180.5	0.5	2.2	1.6	2.3	191.0	0.5	2.2	2.3	2.2	138.7	0.0	0.2	-1.4
	4	181.4	0.5	2.0	2.2	2.2	191.8	0.4	1.8	2.1	2.1	139.7	0.7	2.8	1.0
2003	1	183.1	1.0	3.9	2.9	3.9	192.4	0.3	1.3	1.8	1.3	142.9	2.3	9.6	3.3
	2	183.4	0.1	0.6	2.2	2.2	192.8	0.2	0.8	1.5	1.0	142.2	-0.5	-1.9	2.6
	3	184.5	0.6	2.3	2.2	2.3	193.6	0.4	1.5	1.3	1.2	143.3	0.8	3.1	3.3
	4	184.9	0.2	0.9	1.9	1.9	194.1	0.3	1.1	1.2	1.2	144.8	1.0	4.1	3.6
2001	Dec	177.3	-0.1	-0.7	1.5	1.5	188.4	0.2	1.9	2.8	2.8	137.7	-0.4	-5.1	-1.7
2002	Jan	177.6	0.2	2.0	1.1	2.0	188.7	0.2	1.9	2.6	1.9	137.7	0.0	0.0	-2.8
	Feb	177.9	0.2	2.0	1.1	2.0	189.0	0.2	1.9	2.6	1.9	138.1	0.3	3.5	-2.7
	Mar	178.5	0.3	4.1	1.4	2.7	189.2	0.1	1.3	2.4	1.7	139.2	0.8	10.0	-1.6
	Apr	179.3	0.4	5.5	1.6	3.4	189.7	0.3	3.2	2.5	2.1	139.0	-0.1	-1.7	-2.1
	May	179.5	0.1	1.3	1.2	3.0	190.0	0.2	1.9	2.5	2.1	138.4	-0.4	-5.1	-2.7
	Jun	179.8	0.2	2.0	1.1	2.8	190.2	0.1	1.3	2.3	1.9	138.6	0.1	1.7	-2.2
	Jul	180.1	0.2	2.0	1.5	2.7	190.5	0.2	1.9	2.2	1.9	138.6	0.0	0.0	-1.1
	Aug	180.5	0.2	2.7	1.7	2.7	191.1	0.3	3.8	2.4	2.2	138.6	0.0	0.0	-1.5
	Sep	180.9	0.2	2.7	1.6	2.7	191.4	0.2	1.9	2.3	2.1	139.0	0.3	3.5	-1.6
	Oct	181.2	0.2	2.0	2.0	2.6	191.6	0.1	1.3	2.2	2.0	140.1	0.8	9.9	0.7
	Nov	181.4	0.1	1.3	2.3	2.5	191.8	0.1	1.3	2.0	2.0	139.7	-0.3	-3.4	1.0
	Dec	181.6	0.1	1.3	2.4	2.4	192.1	0.2	1.9	2.0	2.0	139.3	-0.3	-3.4	1.2
2003	Jan	182.2	0.3	4.0	2.6	4.0	192.3	0.1	1.3	1.9	1.3	141.2	1.4	17.7	2.5
	Feb	183.3	0.6	7.5	3.0	5.7	192.5	0.1	1.3	1.9	1.3	142.8	1.1	14.5	3.4
	Mar	183.9	0.3	4.0	3.0	5.2	192.5	0.0	0.0	1.7	0.8	144.8	1.4	18.2	4.0
	Apr	183.3	-0.3	-3.8	2.2	2.8	192.5	0.0	0.0	1.5	0.6	142.4	-1.7	-18.2	2.4
	May	183.3	0.0	0.0	2.1	2.3	193.0	0.3	3.2	1.6	1.1	141.8	-0.4	-4.9	2.5
	Jun	183.6	0.2	2.0	2.1	2.2	193.0	0.0	0.0	1.5	0.9	142.5	0.5	6.1	2.8
	Jul	183.9	0.2	2.0	2.1	2.2	193.4	0.2	2.5	1.5	1.2	142.7	0.1	1.7	3.0
	Aug	184.5	0.3	4.0	2.2	2.4	193.6	0.1	1.2	1.3	1.2	143.5	0.6	6.9	3.5
	Sep	185.0	0.3	3.3	2.3	2.5	193.7	0.1	0.6	1.2	1.1	143.8	0.2	2.5	3.5
	Oct	185.0	0.0	0.0	2.1	2.3	194.1	0.2	2.5	1.3	1.3	144.9	0.8	9.6	3.4
	Nov	184.6	-0.2	-2.6	1.8	1.8	194.0	-0.1	-0.6	1.1	1.1	144.5	-0.3	-3.3	3.4
	Dec	185.0	0.2	2.6	1.9	1.9	194.2	0.1	1.2	1.1	1.1	144.9	0.3	3.4	4.0

## 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 ( $\pm 0.2$  percentage points) and change in household survey employment ( $\pm 290,000$ ) 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/](http://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 CCAAdj (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 (expenditures, incomes, and prices) 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).