NationalEconomicTrends



Putting Business Software Purchases into the National Accounts

The U.S. economy is constantly evolving. New technologies are continuously transforming the production and delivery of new and existing goods and services. Business practices adapt just as readily to changes in technology. Today, for example, the scramble for market share and profitability forces firms to find innovative ways to add value to their firm's products or services.

These innovations often require computer hardware and software. In the past, when businesses generally used mainframe computers, they acquired the hardware and software as a bundle. With the advent of personal computers and minicomputers, a greater percentage of business software was purchased separately from hardware. Yet business software continued to count as an investment in the National Income and Product Accounts (NIPA) only when purchased as installed software on a new computer. Software purchased separately was considered an intermediate input and did not count as capital investment. Hence, the unbundling of computer hardware and software purchases led to the unintended consequence of classifying a considerable portion of business software expenditures as intermediate products.

Given the boom in computer purchases, and the fact that computer software, like other capital expenditures, provides a flow of services that lasts more than a year, the Bureau of Economic Analysis (BEA) recognized the need to address this issue, and did so in the Oct. 28 release of the advance third-quarter GDP report. Accompanying the advance report was the 11th comprehensive revision of the NIPA. The BEA will now treat business purchases of computer software and "in-house" software production as fixed investments to remedy the classification problem discussed above.

Adding business software purchases to the new equipment and software (E&S) component of nonresidential fixed investment—formerly known as producers' durable equipment (PDE)—raises the level of GDP. In 1998, for example, the nominal value of software investment totaled \$123.4 billion, which was 15.1 percent of E&S investment and 1.4 percent of GDP. A back-of-the-envelope calculation shows that reclassifying software purchases as fixed investment boosted the growth of real GDP by about 0.1 percentage point a year during this business expansion (first quarter of 1991 to second quarter of 1999). Moreover, with software prices falling much less than prices of computers and peripheral equipment during this period (1.6 percent versus 19.3 percent), the inclusion of software prices has had the effect of slowing the rate of decline of prices of information processing equipment (computers, software and other equipment). This explains why the growth of real information processing equipment was revised down from 19.4 percent to 17.1 percent.

This comprehensive revision also reclassified the counting of government employees' pension contributions as personal saving, not government saving. Another significant change is the use of the Bureau of Labor Statistics' new CPI research series using current methods to calculate real personal consumption expenditures (PCE). As discussed in the August 1999 issue of National Economic Trends, this retrospective consumer price index grew by about 0.3 percentage points per year less than the currently published CPI between 1983 and 1998, so the published figures for real PCE growth should increase commensurately. Finally, the BEA introduced a new measure of banking output that will strive to measure productivity gains in this industry more accurately.

The net result of the comprehensive revision was to boost the average annual growth rate of real GDP during this expansion from 3.1 percent to 3.5 percent.

-Kevin L. Kliesen

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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 in the previous year. The *percent change at annual rate* 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 percent change at annual rate of *X* between the previous quarter *t*–1 and the current quarter *t* is:

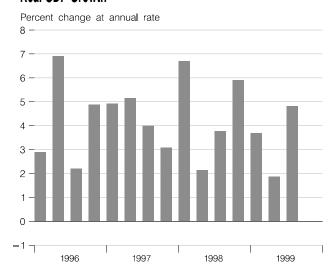
$$100 \times \left[\left(\frac{X_t}{X_{t-1}} \right)^4 - 1 \right]$$

For monthly data replace 4 with 12.

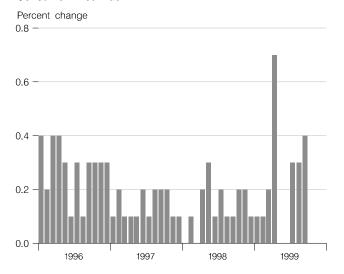
3. All data with significant seasonal patterns are seasonally adjusted, unless labeled NSA.

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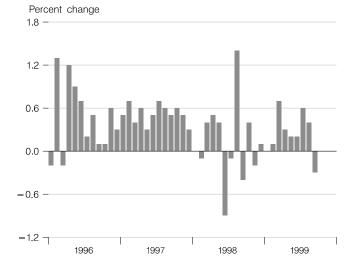
Real GDP Growth



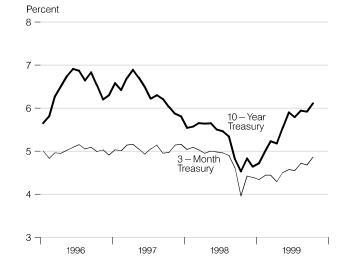
Consumer Price Index



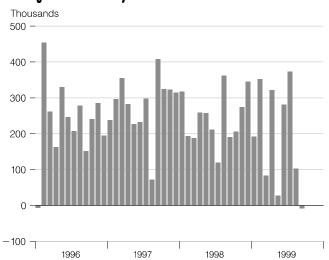
Industrial Production



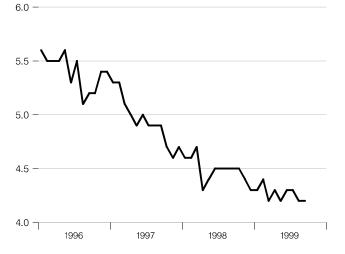
Interest Rates



Change in Nonfarm Payrolls

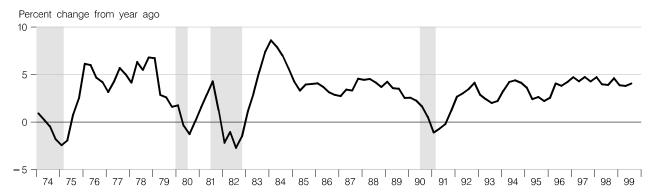


Unemployment Rate Percent of labor force

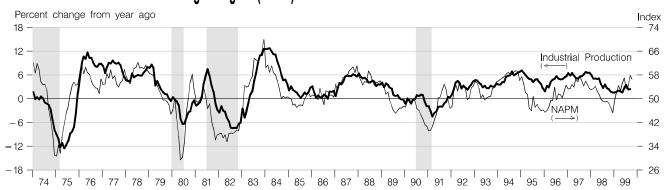


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Real Gross Domestic Product



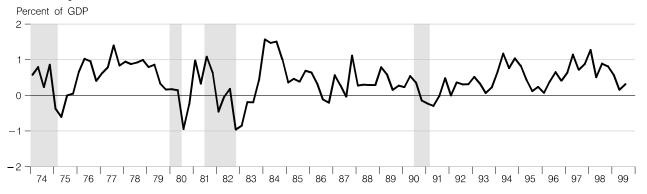
Industrial Production and Purchasing Managers' (NAPM) Indexes



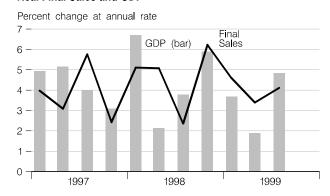
Aggregate Private Nonfarm Hours



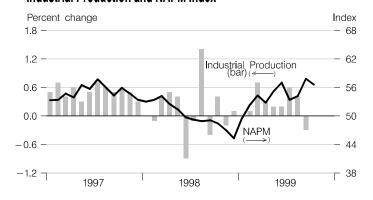
Real Change in Private Inventories



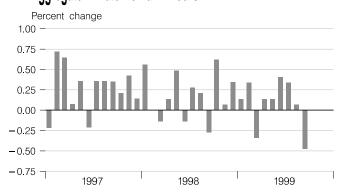
Real Final Sales and GDP



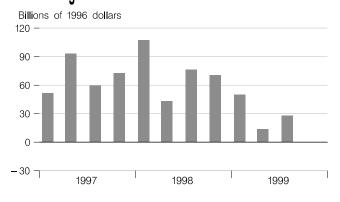
Industrial Production and NAPM Index



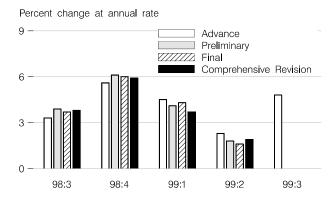
Aggregate Private Nonfarm Hours



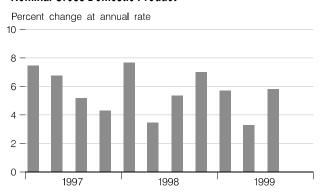
Real Change in Private Inventories



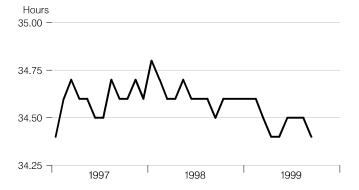
Real GDP Revisions



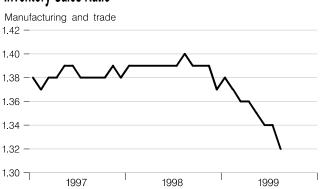
Nominal Gross Domestic Product



Average Weekly Private Nonfarm Hours



Inventory-Sales Ratio



Contribution of Components to Real GDP Growth

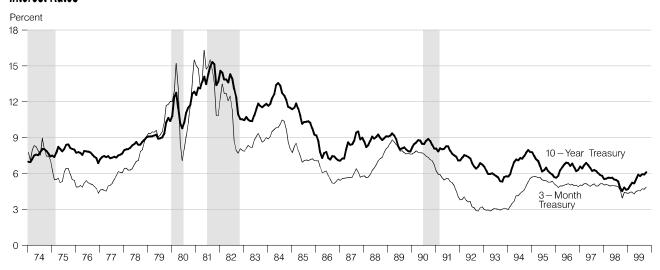
Percent change at annual rate 10 -8 6 4 2 **-**2 **-**6 97Q4 98Q1 98Q2 98Q3 98Q4 99Q1 99Q2 99Q3 Exports Consumption Real GDP Government

Contributions to Real GDP Growth Rate

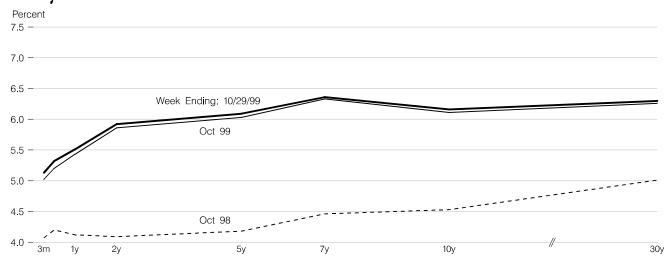
	1997	1998				1999		
	4th	1st	2nd	3rd	4th	1st	2nd	3rd
Real GDP	3.08	6.71	2.13	3.78	5.90	3.69	1.88	4.82
Final Sales	2.41	5.06	5.01	2.35	6.17	4.55	3.37	4.10
Change in Inventory	0.66	1.68	-3.02	1.57	-0.25	-0.95	-1.64	0.64
Consumption	2.22	3.68	4.02	2.63	3.09	4.35	3.40	2.92
Fixed Investment Nonresidential Residential	0.65 0.39 0.25	3.57 3.05 0.52	2.04 1.51 0.52	0.35 0.00 0.32	2.29 1.91 0.39	1.55 1.02 0.51	1.15 0.93 0.23	1.58 1.95 -0.28
Government Federal State and Local	-0.01 -0.28 0.27	-0.18 -0.65 0.46	1.03 0.70 0.33	0.22 -0.15 0.36	0.50 0.23 0.26	0.87 -0.03 0.89	0.22 0.13 0.10	0.57 0.19 0.38
Net Exports Exports Imports	-0.49 0.21 -0.70	-2.06 -0.19 -1.88	-2.20 -0.48 -1.73	-0.92 -0.20 -0.73	0.27 1.78 -1.50	-2.39 -0.66 -1.73	-1.57 0.46 -2.02	-1.09 1.40 -2.46
Residual	0.03	-0.04	0.38	-0.05	-0.07	0.33	0.35	0.08

Investment

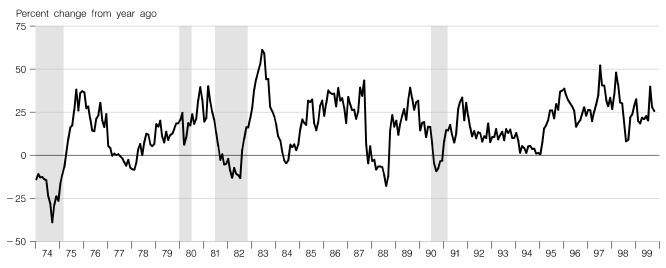
Interest Rates



Treasury Yield Curve

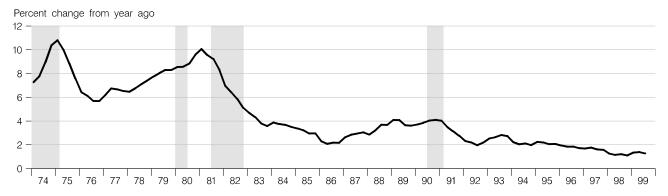


Standard and Poor's 500 Index with Reinvested Dividends

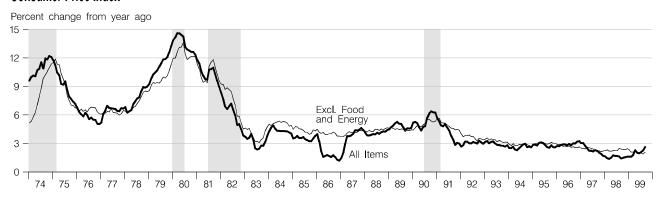


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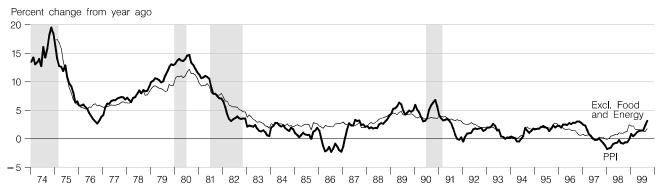
GDP Chain Price Index



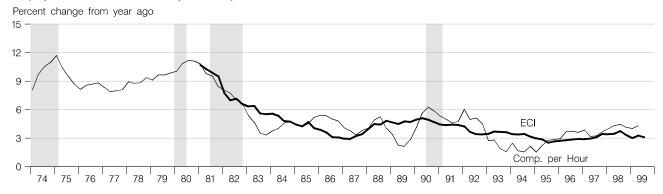
Consumer Price Index



Producer Price Index, Finished Goods

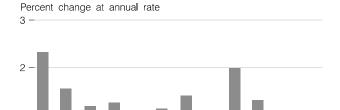


Employment Cost Index and Compensation per Hour

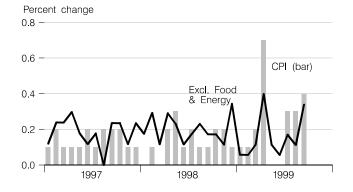


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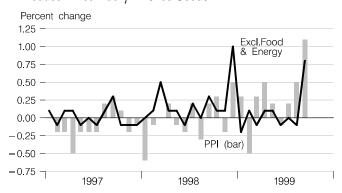
GDP Chain Price Index





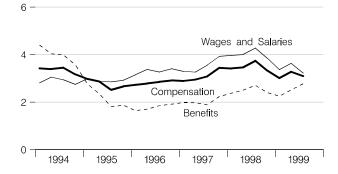


Producer Price Index, Finished Goods



Employment Cost Index

Percent change from year ago

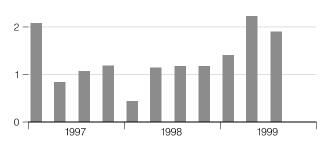


Crude Oil Price

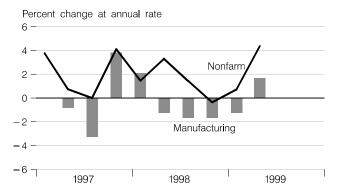


Consumption Chain Price Index

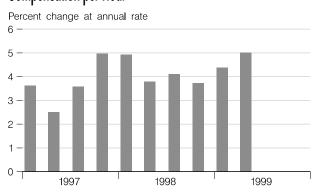




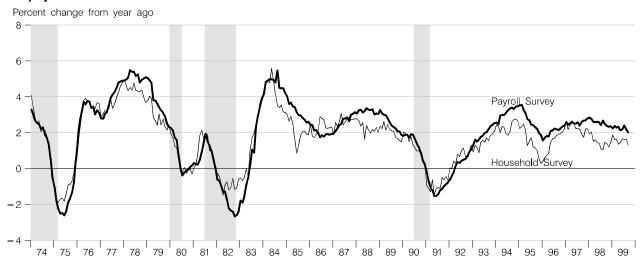
Unit Labor Cost



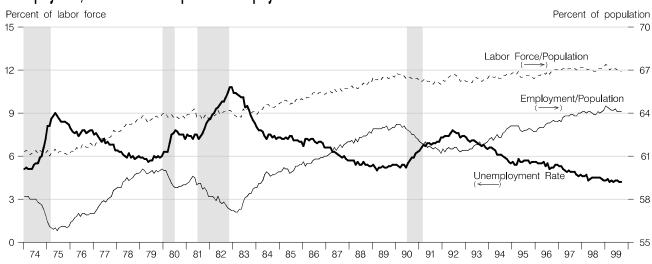
Compensation per Hour



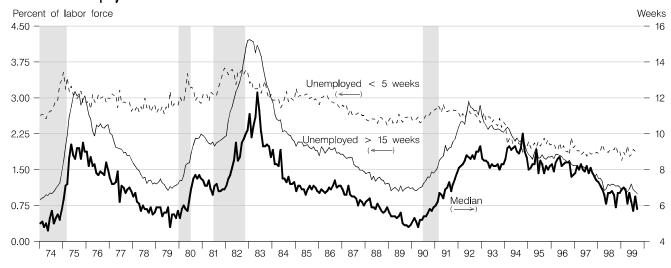
Employment



Unemployment, Labor Force Participation and Employment Rates

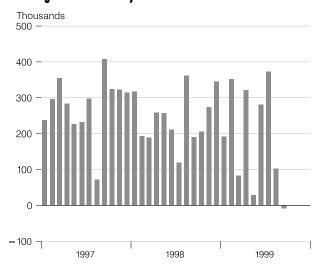


Duration of Unemployment

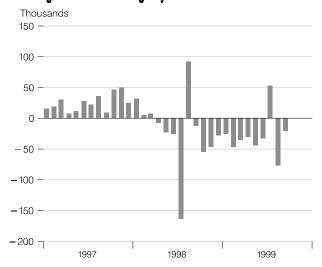


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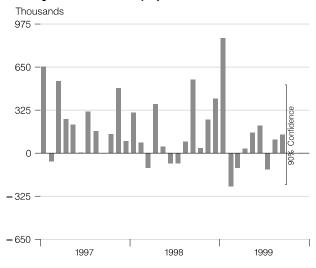
Change in Nonfarm Payrolls



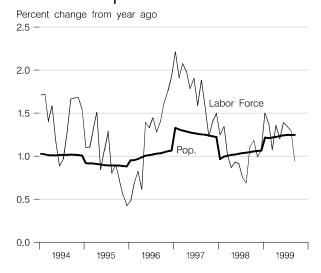
Change in Manufacturing Payrolls



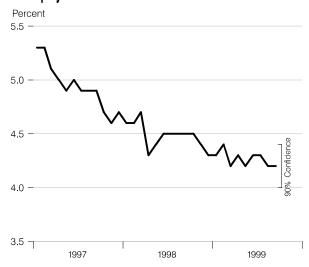
Change in Household Employment



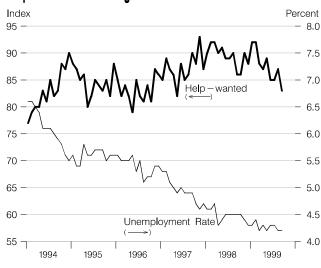
Labor Force and Population



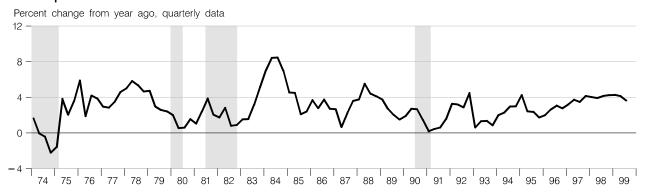
Unemployment Rate



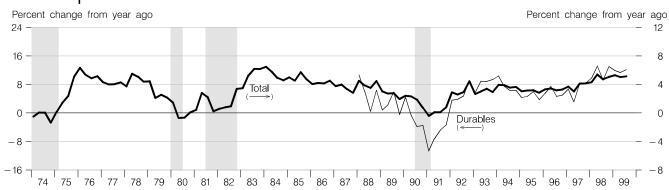
Help-Wanted Advertising



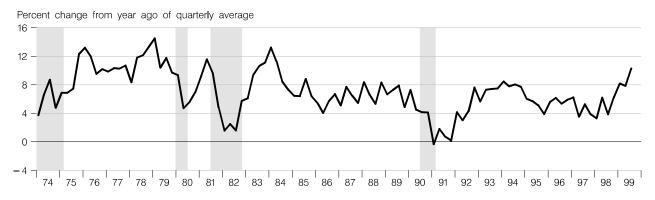
Real Disposable Income



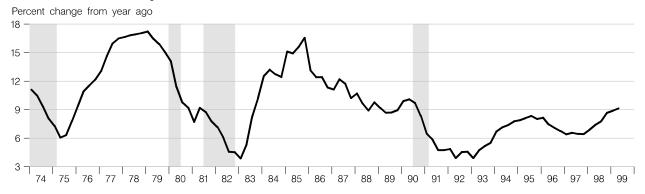
Real Consumption



Retail Sales

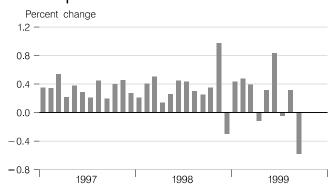


Household Debt Outstanding

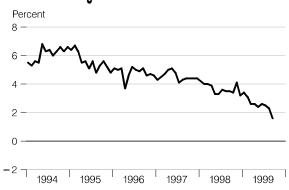


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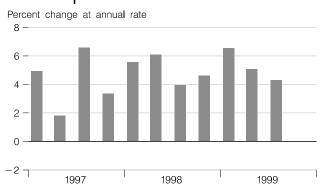
Real Disposable Income



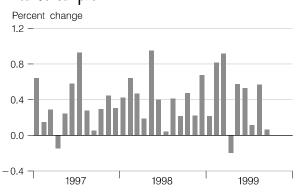
Personal Saving Rate



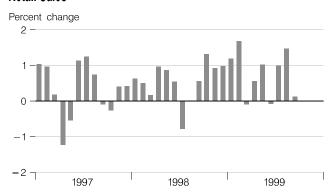
Real Consumption



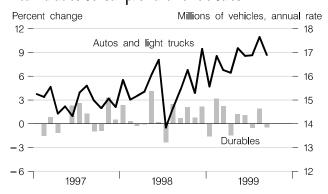
Real Consumption



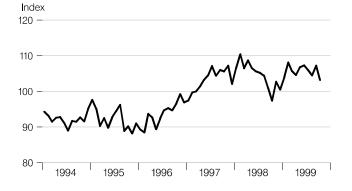
Retail Sales



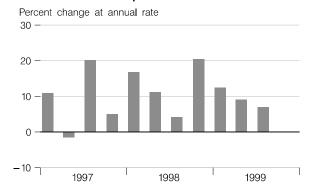
Real Durables Consumption and Vehicle Sales



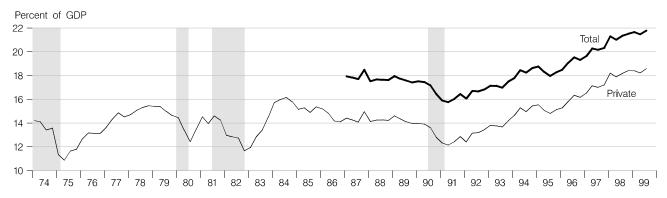
Consumer Sentiment (U. of Michigan)



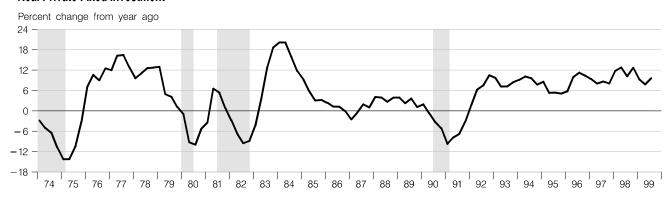
Real Durables Consumption



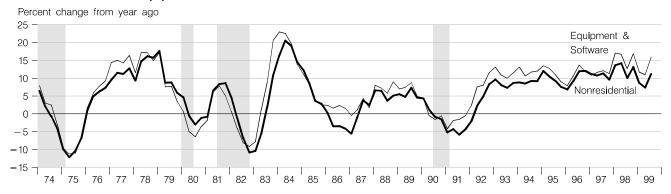
Real Investment



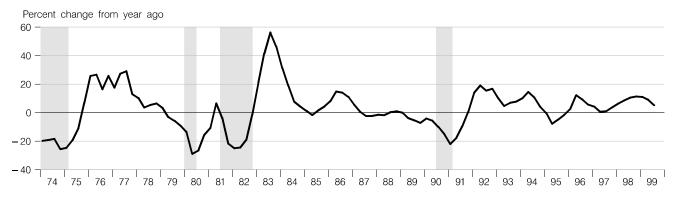
Real Private Fixed Investment



Real Nonresidential and Equipment & Software Investment

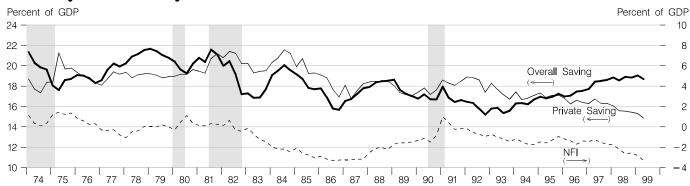


Real Residential Investment

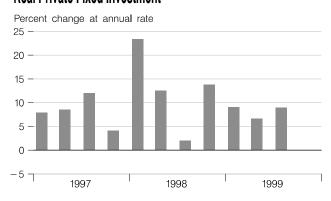


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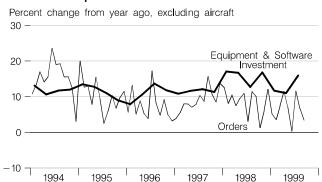
Gross Saving Rates and Net Foreign Investment



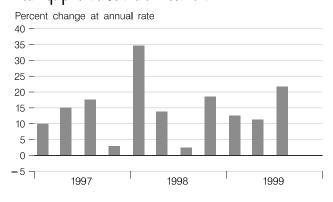
Real Private Fixed Investment



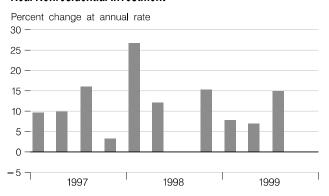
Nondefense Capital Goods Orders



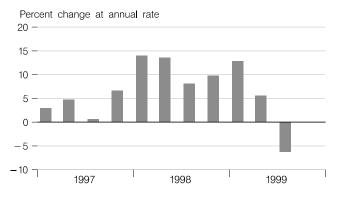
Real Equipment & Software Investment



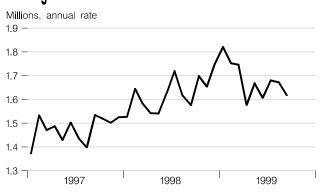
Real Nonresidential Investment



Real Residential Investment



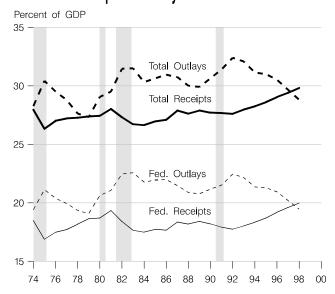
Housing Starts



Govt. Consumption and Investment

Billions of 1996 dollars 1600 Tota 1400 1200 1000 State & Local 800 600 Federal 400 200 ¬ 78 80 82 84 86 88 90 92 94 96 98 00

Government Receipts and Outlays



Government Budgets

Billions of dollars

National Income Accounts

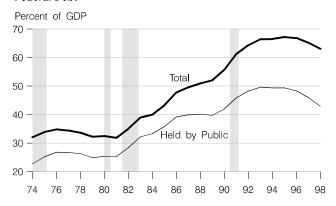
Calendar Years

Unified Budget

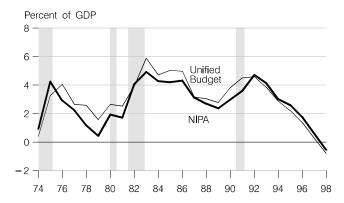
Fiscal Years

			Calenda	di leais				iscai years	
	S	tate and Local			Federal			Federal	
	Receipts	Expenditures	Surplus or Deficit(-)	Receipts	Expenditures	Surplus or Deficit(-)	Receipts	Outlays	Surplus or Deficit(-)
1975	199.6	197.2	2.4	276.1	345.4	-69.3	279.1	332.3	-53.2
1976	224.5	217.2	7.3	318.9	371.9	-53.0	298.1	371.8	-73.7
1977	249.5	236.4	13.1	359.9	405.0	-45.1	355.6	409.2	-53.7
1978	274.3	255.6	18.7	417.3	444.2	-26.9	399.6	458.7	-59.2
1979	290.8	277.8	13.0	478.3	489.6	-11.3	463.3	504.0	-40.7
1980	316.6	307.8	8.8	522.8	576.6	-53.8	517.1	590.9	-73.8
1981	344.4	336.9	7.5	605.6	659.3	-53.7	599.3	678.2	-79.0
1982	360.3	362.5	-2.2	599.5	732.1	-132.6	617.8	745.8	-128.0
1983	392.1	387.3	4.8	623.9	797.8	-173.9	600.6	808.4	-207.8
1984	436.4	412.6	23.8	688.1	856.1	-168.0	666.5	851.9	-185.4
1985	469.2	447.0	22.2	747.4	924.6	-177.2	734.1	946.4	-212.3
1986	507.9	487.2	20.7	786.4	978.5	-192.1	769.2	990.5	-221.2
1987	536.0	523.8	12.2	870.5	1018.4	-147.9	854.4	1004.1	-149.8
1988	573.7	558.1	15.6	928.9	1066.2	-137.3	909.3	1064.5	-155.2
1989	618.9	599.6	19.3	1010.3	1140.3	-130.0	991.2	1143.7	-152.5
1990	663.4	660.8	2.6	1055.7	1228.7	-173.0	1032.0	1253.2	-221.2
1991	716.0	723.8	-7.8	1072.3	1287.6	-215.3	1055.0	1324.4	-269.4
1992	772.2	777.2	-5.0	1121.3	1418.9	-297.6	1091.3	1381.7	-290.4
1993	823.2	821.7	1.5	1197.3	1471.5	-274.2	1154.4	1409.4	-255.0
1994	873.8	865.2	8.6	1293.7	1506.0	-212.3	1258.6	1461.7	-203.1
1995	917.9	902.5	15.4	1383.7	1575.7	-192.0	1351.8	1515.7	-163.9
1996	960.4	939.0	21.4	1499.1	1635.9	-136.8	1453.1	1560.5	-107.5
1997	1009.0	981.5	27.5	1627.2	1676.0	-48.8	1579.3	1601.2	-21.9
1998	1070.4	1028.7	41.7	1750.7	1703.8	46.9	1721.8	1652.6	69.2

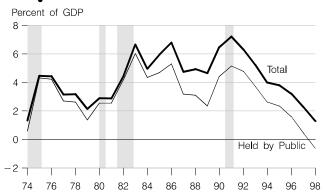
Federal Debt



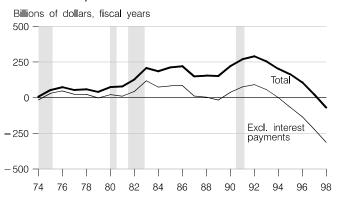
Federal Deficit



Change in Federal Debt



Federal Deficit, Unified Basis

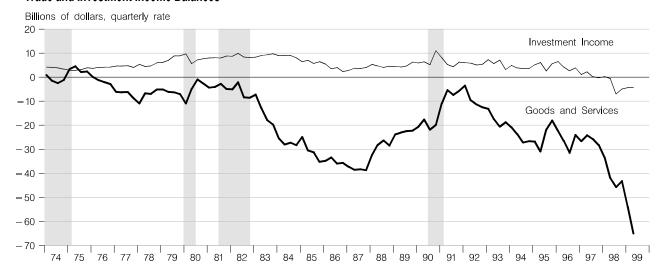


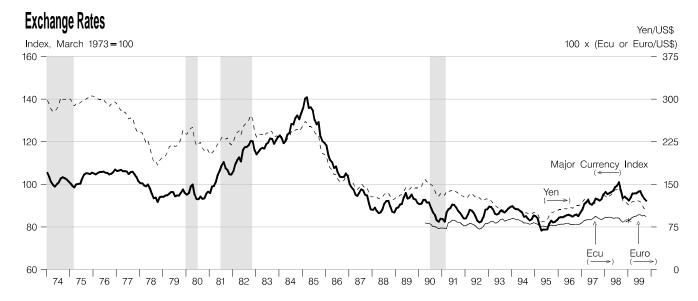
Federal Government Debt

Billions of dollars, end of month or fiscal year, excluding agency-issued debt

exclud	ing agency—issi	nea aebi	Held by	Held b	oy Public	Held by Pr	ivate Investors
		Total Public Debt	Agencies and Trusts	Total	Federal Reserve Banks	Total	Foreign and International
1996		5224.8	1447.0	3777.8	390.9	3393.2	993.4
1997		5413.1	1598.5	3814.7	436.5	3401.6	1230.5
1998		5526.2	1765.6	3760.6	458.1	3313.2	1224.2
1996	March	5117.8	1353.8	3764.0	381.0	3386.7	908.1
	June	5161.1	1422.4	3738.6	391.0	3354.4	929.7
	September	5224.8	1447.0	3777.8	390.9	3393.2	993.4
	December	5323.2	1497.2	3826.0	410.9	3431.2	1102.1
1997	March	5380.9	1506.8	3874.1	405.6	3452.2	1157.6
	June	5376.2	1571.6	3804.6	426.4	3377.3	1182.7
	September	5413.1	1598.5	3814.7	436.5	3401.6	1230.5
	December	5502.4	1655.7	3846.7	451.9	3414.6	1241.6
1998	March	5542.4	1670.4	3872.1	400.0	3437.5	1250.5
	June	5547.9	1757.6	3790.4	458.4	3349.3	1256.0
	September	5526.2	1765.6	3760.6	458.1	3313.2	1224.2
	December	5614.2	1826.8	3787.4	471.7	3334.0	1278.7
1999	March	5651.6	1857.1	3794.5	464.5	3327.6	1270.8
	June	5638.8	1953.6	3685.2	493.8	3199.3	1257.3

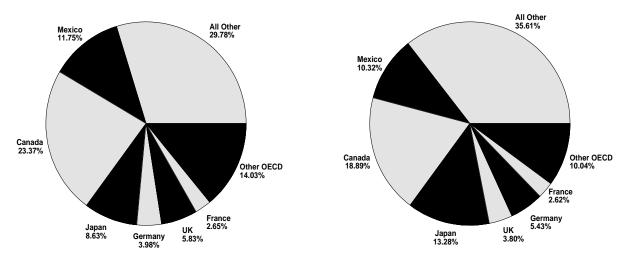
Trade and Investment Income Balances





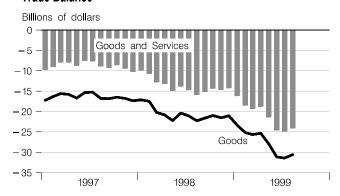
Goods Export Shares, 1998

Goods Import Shares, 1998

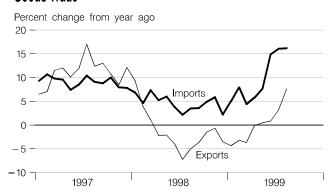


Federal Reserve Bank of St. Louis

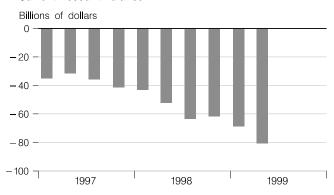
Trade Balance



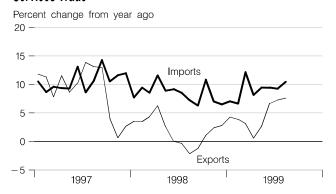
Goods Trade



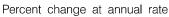
Current Account Balance

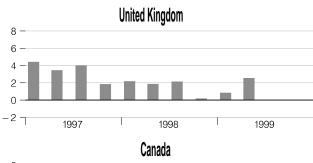


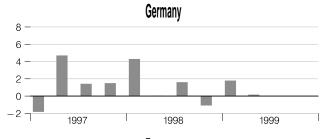
Services Trade

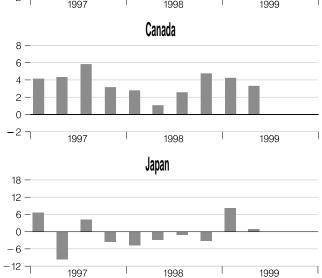


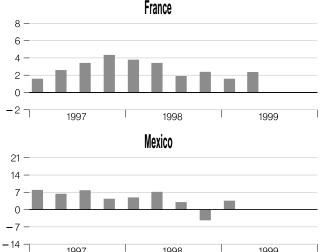
Real GDP Growth of Major Trading Partners









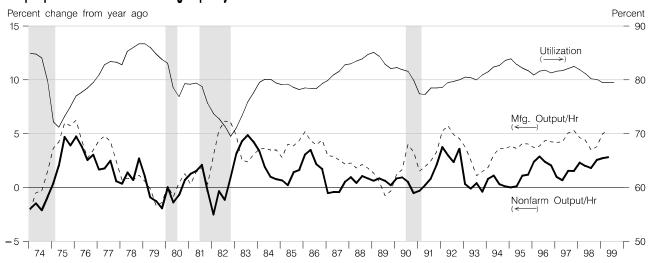


1998

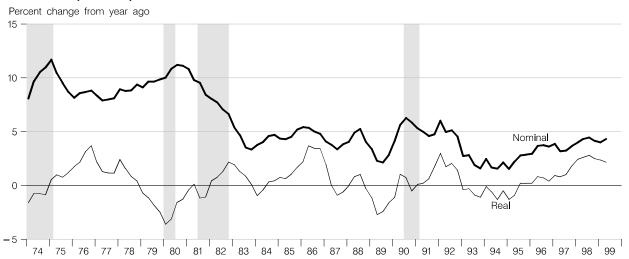
1999

1997

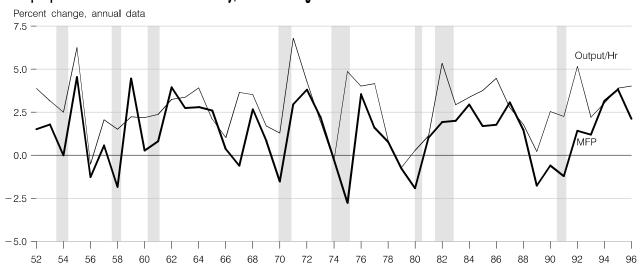
Output per Hour and Manufacturing Capacity Utilization



Nonfarm Compensation per Hour

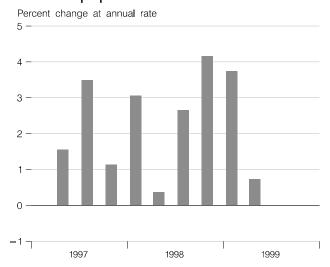


Output per Hour and Multifactor Productivity, Manufacturing

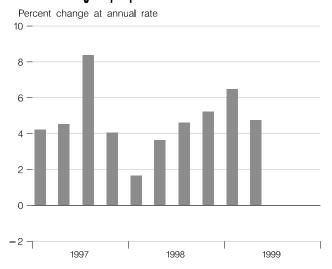


Federal Reserve Bank of St. Louis

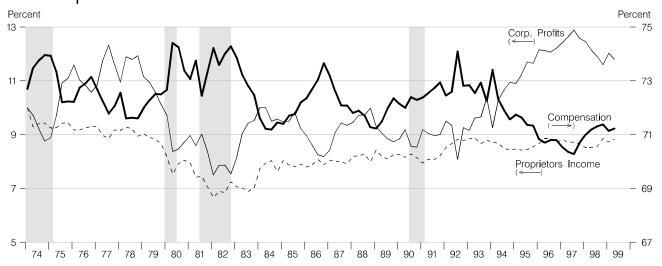
Nonfarm Output per Hour



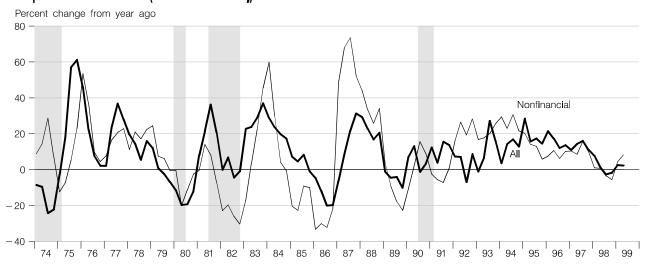
Manufacturing Output per Hour



Selected Component Shares of National Income



Corporate Profits after Tax (with IVA and CCAdj)



Federal Reserve Bank of St. Louis

	1	ninal GDP			Real GDP		£	nal Sales		Cha Private Inv	nge in	
		Percent ch	_	Dillions	Percent of			Percent	-	I .		
	Billions of \$	Annual rate	Year ago	Billions of 1996 \$	Annual rate	Year ago	Billions of 1996 \$	Annual rate	Year ago	Last qtr	of 1996 \$ Year/Year	
1995	7400.5	· · · · · · · · · · · · · · · · · · ·	4.9	7537.100		2.7	7505.500		3.2		30.40	00
1996	7813.2		5.6	7813.200		3.7	7783.200		3.7		30.00	
1997	8300.8		6.2	8165.100		4.5	8095.700		4.0	1	69.10	
1998	8759.9		5.5	8516.300		4.3	8441.300		4.3		74.30	
996 1	7629.6	5.4	4.6	7671.400	2.9	2.6	7664.600	3.6	3.3	5.600	16.27	75
2	7782.7	8.3	6.0	7800.500	6.9	4.1	7770.900	5.7	4.1	30.300	15.72	25
3	7859.0	4.0	5.7	7843.300	2.2	3.8	7793.500	1.2	3.3	51.200	26.27	75
4	7981.4	6.4	6.0	7937.500	4.9	4.2	7903.700	5.8	4.0	32.900	30.00	00
997 1	8125.9	7.4	6.5	8033.400	4.9	4.7	7981.100	4.0	4.1	51.500	41.47	' 5
2	8259.5	6.7	6.1	8134.800	5.1	4.3	8042.000	3.1	3.5	93.100	57.17	7 5
3	8364.5	5.2	6.4	8214.800	4.0	4.7	8155.300	5.8	4.6	59.200	59.17	7 5
4	8453.0	4.3	5.9	8277.300	3.1	4.3	8204.300	2.4	3.8	72.700	69.12	25
998 1	8610.6	7.7	6.0	8412.700	6.7	4.7	8307.000	5.1	4.1	107.300	83.07	7 5
2	8683.7	3.4	5.1	8457.200	2.1	4.0	8410.400	5.1	4.6	43.100	70.57	' 5
3	8797.9	5.4	5.2	8536.000	3.8	3.9	8459.600	2.4	3.7	76.100	74.80	0
4	8947.6	7.0	5.9	8659.200	5.9	4.6	8588.300	6.2	4.7	70.700	74.30	00
999 1	9072.7	5.7	5.4	8737.900	3.7	3.9	8685.200	4.6	4.6	50.100	60.00	
2	9146.2	3.3	5.3	8778.600	1.9	3.8	8757.900	3.4	4.1	14.000	52.72	
3	9276.3	5.8	5.4	8882.600	4.8	4.1	8846.500	4.1	4.6	28.100	40.72	!5
	I .	sumption Percent c	hange	Durables (Consumption Percent of	change		ed Investmen Percent			ntial Investme Percent	
	Billions	Percent c Annual	Year	Billions	Percent of Annual	Year	Billions	Percent of Annual	change Year	Billions	Percent of Annual	change Yea
	Billions of 1996 \$	Percent c	Year ago	Billions of 1996 \$	Percent o	Year ago	Billions of 1996 \$	Percent of	change Year ago	Billions of 1996 \$	Percent of	change Yea ago
1995	Billions of 1996 \$	Percent c Annual	Year ago 3.1	Billions of 1996 \$	Percent of Annual	Year ago 4.6	Billions of 1996 \$	Percent of Annual	Year ago 6.1	Billions of 1996 \$	Percent of Annual	change Yea ago 9.1
1995 1996	Billions of 1996 \$ 5070.100 5237.500	Percent c Annual	Year ago 3.1 3.3	Billions of 1996 \$ 583.500 616.500	Percent of Annual	Year ago 4.6 5.7	Billions of 1996 \$ 1109.200 1212.700	Percent of Annual	Year ago 6.1 9.3	Billions of 1996 \$ 817.500 899.400	Percent of Annual	Yea ago 9.
1995 1996 1997	Billions of 1996 \$ 5070.100 5237.500 5433.700	Percent c Annual	Year ago 3.1 3.3 3.7	Billions of 1996 \$ 583.500 616.500 657.400	Percent of Annual	Year ago 4.6 5.7 6.6	Billions of 1996 \$ 1109.200 1212.700 1316.000	Percent of Annual	Year ago 6.1 9.3 8.5	Billions of 1996 \$ 817.500 899.400 995.700	Percent of Annual	Yea ago 9.1 10.0
1995 1996 1997 1998	Billions of 1996 \$ 5070.100 5237.500 5433.700 5698.600	Percent c Annual rate	Year ago 3.1 3.3 3.7 4.9	Billions of 1996 \$ 583.500 616.500 657.400 731.500	Percent of Annual rate	Year ago 4.6 5.7 6.6 11.3	Billions of 1996 \$ 1109.200 1212.700 1316.000 1471.800	Percent of Annual rate	Year ago 6.1 9.3 8.5 11.8	Billions of 1996 \$ 817.500 899.400 995.700 1122.500	Percent of Annual rate	9. 10. 12.
1995 1996 1997 1998	Billions of 1996 \$ 5070.100 5237.500 5433.700 5698.600 5170.300	Percent c Annual rate	Year ago 3.1 3.3 3.7 4.9	Billions of 1996 \$ 583.500 616.500 657.400 731.500	Percent c Annual rate	Year ago 4.6 5.7 6.6 11.3	Billions of 1996 \$ 1109.200 1212.700 1316.000 1471.800 1165.200	Percent of Annual rate	Year ago 6.1 9.3 8.5 11.8	Billions of 1996 \$ 817.500 899.400 995.700 1122.500 861.600	Percent of Annual rate	9. 10. 12. 6.4
1995 1996 1997 1998 996 1 2	Billions of 1996 \$ 5070.100 5237.500 5433.700 5698.600 5170.300 5227.500	Percent c Annual rate	Year ago 3.1 3.3 3.7 4.9 3.3 3.4	Billions of 1996 \$ 583.500 616.500 657.400 731.500 601.700 620.400	Annual rate 4.1 13.0	Year ago 4.6 5.7 6.6 11.3 5.5 7.4	Billions of 1996 \$ 1109.200 1212.700 1316.000 1471.800 1165.200 1203.700	Annual rate 12.0 13.9	Year ago 6.1 9.3 8.5 11.8 5.7 9.9	Billions of 1996 \$ 817.500 899.400 995.700 1122.500 861.600 885.600	Annual rate 13.1 11.6	9 10 12 6 9
1995 1996 1997 1998 1996 1 2 3	Billions of 1996 \$ 5070.100 5237.500 5433.700 5698.600 5170.300 5227.500 5255.400	Annual rate 3.3 4.5 2.2	Year ago 3.1 3.3 3.7 4.9 3.3 3.4 3.2	Billions of 1996 \$ 583.500 616.500 657.400 731.500 601.700 620.400 618.100	Annual rate 4.1 13.0 -1.5	Year ago 4.6 5.7 6.6 11.3 5.5 7.4 4.6	Billions of 1996 \$ 1109.200 1212.700 1316.000 1471.800 1165.200 1203.700 1231.600	Annual rate 12.0 13.9 9.6	hange Year ago 6.1 9.3 8.5 11.8 5.7 9.9	Billions of 1996 \$ 817.500 899.400 995.700 1122.500 861.600 885.600 914.300	Percent of Annual rate 13.1 11.6 13.6	9. 10. 12. 6.6 9. 12.0
1995 1996 1997 1998 996 1 2 3 4	Billions of 1996 \$ 5070.100 5237.500 5433.700 5698.600 5170.300 5227.500 5255.400 5296.800	Annual rate 3.3 4.5 2.2 3.2	Year ago 3.1 3.3 3.7 4.9 3.3 3.4 3.2 3.3	Billions of 1996 \$ 583.500 616.500 657.400 731.500 601.700 620.400 618.100 625.700	Annual rate 4.1 13.0 -1.5 5.0	Year ago 4.6 5.7 6.6 11.3 5.5 7.4 4.6 5.0	Billions of 1996 \$ 1109.200 1212.700 1316.000 1471.800 1165.200 1203.700 1231.600 1250.200	Percent of Annual rate 12.0 13.9 9.6 6.2	hange Year ago 6.1 9.3 8.5 11.8 5.7 9.9 11.2 10.4	Billions of 1996 \$ 817.500 899.400 995.700 1122.500 861.600 885.600 914.300 936.200	Percent of Annual rate 13.1 11.6 13.6 9.9	9 10 12 6 9 12
1995 1996 1997 1998 996 1 2 3 4	Billions of 1996 \$ 5070.100 5237.500 5433.700 5698.600 5170.300 5227.500 5255.400 5296.800 5361.100	Annual rate 3.3 4.5 2.2 3.2 4.9	Year ago 3.1 3.3 3.7 4.9 3.3 3.4 3.2 3.3 3.7	Billions of 1996 \$ 583.500 616.500 657.400 731.500 601.700 620.400 618.100 625.700	4.1 13.0 -1.5 5.0	Year ago 4.6 5.7 6.6 11.3 5.5 7.4 4.6 5.0 6.7	Billions of 1996 \$ 1109.200 1212.700 1316.000 1471.800 1165.200 1203.700 1231.600 1250.200	12.0 13.9 9.6 6.2 7.9	hange Year ago 6.1 9.3 8.5 11.8 5.7 9.9 11.2 10.4 9.3	Billions of 1996 \$ 817.500 899.400 995.700 1122.500 861.600 885.600 914.300 936.200 957.900	Percent of Annual rate 13.1 11.6 13.6 9.9 9.6	9. 10. 12. 6. 9. 12. 11.
1995 1996 1997 1998 996 1 2 3 4	Billions of 1996 \$ 5070.100 5237.500 5433.700 5698.600 5170.300 5227.500 5255.400 5296.800 5361.100 5385.100	3.3 4.5 2.2 3.2 4.9 1.8	Year ago 3.1 3.3 3.7 4.9 3.3 3.4 3.2 3.3 3.7 3.0	Billions of 1996 \$ 583.500 616.500 657.400 731.500 601.700 620.400 618.100 625.700 642.100 639.700	4.1 13.0 -1.5 5.0 10.9 -1.5	Year ago 4.6 5.7 6.6 11.3 5.5 7.4 4.6 5.0 6.7 3.1	Billions of 1996 \$ 1109.200 1212.700 1316.000 1471.800 1165.200 1203.700 1231.600 1250.200 1274.100 1300.600	12.0 13.9 9.6 6.2 7.9 8.6	hange Year ago 6.1 9.3 8.5 11.8 5.7 9.9 11.2 10.4 9.3 8.1	Billions of 1996 \$ 817.500 899.400 995.700 1122.500 861.600 885.600 914.300 936.200 957.900 980.800	13.1 11.6 13.6 9.9 9.6 9.9	9. 10. 12. 6. 9. 12. 11.
1995 1996 1997 1998 996 1 2 3 4	Billions of 1996 \$ 5070.100 5237.500 5433.700 5698.600 5170.300 5227.500 5255.400 5296.800 5361.100 5385.100 5471.800	3.3 4.5 2.2 3.2 4.9 1.8 6.6	Year ago 3.1 3.3 3.7 4.9 3.3 3.4 3.2 3.3 3.7 3.0 4.1	Billions of 1996 \$ 583.500 616.500 657.400 731.500 601.700 620.400 618.100 625.700 642.100 639.700 669.700	Annual rate 4.1 13.0 -1.5 5.0 10.9 -1.5 20.1	Year ago 4.6 5.7 6.6 11.3 5.5 7.4 4.6 5.0 6.7 3.1 8.3	Billions of 1996 \$ 1109.200 1212.700 1316.000 1471.800 1165.200 1203.700 1231.600 1250.200 1274.100 1300.600 1337.900	12.0 13.9 9.6 6.2 7.9 8.6 12.0	Year ago 6.1 9.3 8.5 11.8 5.7 9.9 11.2 10.4 9.3 8.1 8.6	Billions of 1996 \$ 817.500 899.400 995.700 1122.500 861.600 914.300 936.200 957.900 980.800 1018.000	13.1 11.6 13.6 9.9 9.6 9.9 16.1	9. 10. 12. 6. 9. 12. 11. 10. 11.
1995 1996 1997 1998 296 1 2 3 4	Billions of 1996 \$ 5070.100 5237.500 5433.700 5698.600 5170.300 5227.500 5255.400 5296.800 5361.100 5385.100	3.3 4.5 2.2 3.2 4.9 1.8	Year ago 3.1 3.3 3.7 4.9 3.3 3.4 3.2 3.3 3.7 3.0	Billions of 1996 \$ 583.500 616.500 657.400 731.500 601.700 620.400 618.100 625.700 642.100 639.700	4.1 13.0 -1.5 5.0 10.9 -1.5	Year ago 4.6 5.7 6.6 11.3 5.5 7.4 4.6 5.0 6.7 3.1	Billions of 1996 \$ 1109.200 1212.700 1316.000 1471.800 1165.200 1203.700 1231.600 1250.200 1274.100 1300.600	12.0 13.9 9.6 6.2 7.9 8.6	hange Year ago 6.1 9.3 8.5 11.8 5.7 9.9 11.2 10.4 9.3 8.1	Billions of 1996 \$ 817.500 899.400 995.700 1122.500 861.600 885.600 914.300 936.200 957.900 980.800	13.1 11.6 13.6 9.9 9.6 9.9	9. 10. 12. 6. 9. 12. 11. 10. 11.
1995 1996 1997 1998 096 1 2 3 4 097 1 2 3 4	Billions of 1996 \$ 5070.100 5237.500 5433.700 5698.600 5170.300 5227.500 5255.400 5296.800 5361.100 5385.100 5471.800 5517.100	3.3 4.5 2.2 3.2 4.9 1.8 6.6 3.4 5.6	Year ago 3.1 3.3 3.7 4.9 3.3 3.4 3.2 3.3 3.7 3.0 4.1 4.2 4.3	Billions of 1996 \$ 583.500 616.500 657.400 731.500 601.700 620.400 618.100 625.700 642.100 639.700 669.700 678.000 704.900	Annual rate 4.1 13.0 -1.5 5.0 10.9 -1.5 20.1 5.1 16.8	Year ago 4.6 5.7 6.6 11.3 5.5 7.4 4.6 5.0 6.7 3.1 8.3 8.4 9.8	Billions of 1996 \$ 1109.200 1212.700 1316.000 1471.800 1165.200 1203.700 1231.600 1250.200 1274.100 1300.600 1337.900 1351.300 1424.200	12.0 13.9 9.6 6.2 7.9 8.6 12.0 4.1	Year ago 6.1 9.3 8.5 11.8 5.7 9.9 11.2 10.4 9.3 8.1 8.6 8.1	Billions of 1996 \$ 817.500 899.400 995.700 1122.500 861.600 885.600 914.300 936.200 957.900 980.800 1018.000 1026.100 1088.600	13.1 11.6 13.6 9.9 9.6 9.9 16.1 3.2 26.7	9. 10. 12. 6. 9. 12. 11. 10. 13.
1995 1996 1997 1998 096 1 2 3 4 097 1 2 3 4	Billions of 1996 \$ 5070.100 5237.500 5433.700 5698.600 5170.300 5227.500 5255.400 5296.800 5361.100 5385.100 5471.800 5517.100 5592.300 5675.600	3.3 4.5 2.2 3.2 4.9 1.8 6.6 3.4 5.6 6.1	Year ago 3.1 3.3 3.7 4.9 3.3 3.4 3.2 3.3 3.7 3.0 4.1 4.2 4.3 5.4	Billions of 1996 \$ 583.500 616.500 657.400 731.500 601.700 620.400 618.100 625.700 642.100 639.700 669.700 678.000 704.900 723.900	Annual rate 4.1 13.0 -1.5 5.0 10.9 -1.5 20.1 5.1 16.8 11.2	Year ago 4.6 5.7 6.6 11.3 5.5 7.4 4.6 5.0 6.7 3.1 8.3 8.4 9.8 13.2	Billions of 1996 \$ 1109.200 1212.700 1316.000 1471.800 1165.200 1203.700 1231.600 1250.200 1274.100 1300.600 1337.900 1351.300 1424.200 1466.700	12.0 13.9 9.6 6.2 7.9 8.6 12.0 4.1 23.4 12.5	Schange Year ago 6.1 9.3 8.5 11.8 5.7 9.9 11.2 10.4 9.3 8.1 8.6 8.1 11.8 12.8	Billions of 1996 \$ 817.500 899.400 995.700 1122.500 861.600 914.300 936.200 957.900 980.800 1018.000 1026.100 1088.600 1120.200	13.1 11.6 13.6 9.9 9.6 9.9 16.1 3.2 26.7 12.1	change Yea ago 9. 10. 10. 12. 6. 9. 12. 11 9.6 13.6 14
1995 1996 1997 1998 996 1 2 3 4 997 1 2 3 4	Billions of 1996 \$ 5070.100 5237.500 5433.700 5698.600 5170.300 5227.500 5255.400 5296.800 5361.100 5385.100 5471.800 5517.100 5592.300 5675.600 5730.700	3.3 4.5 2.2 3.2 4.9 1.8 6.6 3.4 5.6 6.1 3.9	Year ago 3.1 3.3 3.7 4.9 3.3 3.4 3.2 3.3 3.7 3.0 4.1 4.2 4.3 5.4 4.7	Billions of 1996 \$ 583.500 616.500 657.400 731.500 601.700 620.400 618.100 625.700 642.100 639.700 669.700 678.000 704.900 723.900 731.200	Annual rate 4.1 13.0 -1.5 5.0 10.9 -1.5 20.1 5.1 16.8 11.2 4.1	Year ago 4.6 5.7 6.6 11.3 5.5 7.4 4.6 5.0 6.7 3.1 8.3 8.4 9.8 13.2 9.2	Billions of 1996 \$ 1109.200 1212.700 1316.000 1471.800 1165.200 1203.700 1231.600 1250.200 1274.100 1300.600 1337.900 1351.300 1424.200 1466.700 1474.000	12.0 13.9 9.6 6.2 7.9 8.6 12.0 4.1 23.4 12.5 2.0	Schange Year ago 6.1 9.3 8.5 11.8 5.7 9.9 11.2 10.4 9.3 8.1 8.6 8.1 11.8 12.8 10.2	Billions of 1996 \$ 817.500 899.400 995.700 1122.500 861.600 914.300 936.200 957.900 980.800 1018.000 1026.100 1088.600 1120.200 1120.300	Percent of Annual rate 13.1 11.6 13.6 9.9 9.6 9.9 16.1 3.2 26.7 12.1 0.0	9. 10. 12. 11. 10. 11. 11. 11. 11. 11. 11. 11. 11
1995 1996 1997 1998 196 1 2 3 4 197 1 2 3 4	Billions of 1996 \$ 5070.100 5237.500 5433.700 5698.600 5170.300 5227.500 5255.400 5296.800 5361.100 5385.100 5471.800 5517.100 5592.300 5675.600	3.3 4.5 2.2 3.2 4.9 1.8 6.6 3.4 5.6 6.1	Year ago 3.1 3.3 3.7 4.9 3.3 3.4 3.2 3.3 3.7 3.0 4.1 4.2 4.3 5.4	Billions of 1996 \$ 583.500 616.500 657.400 731.500 601.700 620.400 618.100 625.700 642.100 639.700 669.700 678.000 704.900 723.900	Annual rate 4.1 13.0 -1.5 5.0 10.9 -1.5 20.1 5.1 16.8 11.2	Year ago 4.6 5.7 6.6 11.3 5.5 7.4 4.6 5.0 6.7 3.1 8.3 8.4 9.8 13.2	Billions of 1996 \$ 1109.200 1212.700 1316.000 1471.800 1165.200 1203.700 1231.600 1250.200 1274.100 1300.600 1337.900 1351.300 1424.200 1466.700	12.0 13.9 9.6 6.2 7.9 8.6 12.0 4.1 23.4 12.5	Schange Year ago 6.1 9.3 8.5 11.8 5.7 9.9 11.2 10.4 9.3 8.1 8.6 8.1 11.8 12.8	Billions of 1996 \$ 817.500 899.400 995.700 1122.500 861.600 914.300 936.200 957.900 980.800 1018.000 1026.100 1088.600 1120.200	13.1 11.6 13.6 9.9 9.6 9.9 16.1 3.2 26.7 12.1	9. 10. 12. 11. 10. 11. 9. 13. 14.
1995 1996 1997 1998 996 1 2 3 4 997 1 2 3 4	Billions of 1996 \$ 5070.100 5237.500 5433.700 5698.600 5170.300 5227.500 5255.400 5296.800 5361.100 5385.100 5471.800 5517.100 5592.300 5675.600 5730.700 5795.800 5888.400	3.3 4.5 2.2 3.2 4.9 1.8 6.6 3.4 5.6 6.1 3.9 4.6	Year ago 3.1 3.3 3.7 4.9 3.3 3.4 3.2 3.3 3.7 3.0 4.1 4.2 4.3 5.4 4.7	Billions of 1996 \$ 583.500 616.500 657.400 731.500 601.700 620.400 618.100 625.700 642.100 639.700 669.700 678.000 704.900 723.900 731.200 766.000 788.800	Annual rate 4.1 13.0 -1.5 5.0 10.9 -1.5 20.1 5.1 16.8 11.2 4.1	Year ago 4.6 5.7 6.6 11.3 5.5 7.4 4.6 5.0 6.7 3.1 8.3 8.4 9.8 13.2 9.2	Billions of 1996 \$ 1109.200 1212.700 1316.000 1471.800 1165.200 1203.700 1231.600 1250.200 1274.100 1300.600 1337.900 1351.300 1424.200 1466.700 1474.000	12.0 13.9 9.6 6.2 7.9 8.6 12.0 4.1 23.4 12.5 2.0 13.8 9.1	Schange Year ago 6.1 9.3 8.5 11.8 5.7 9.9 11.2 10.4 9.3 8.1 8.6 8.1 11.8 12.8 10.2	Billions of 1996 \$ 817.500 899.400 995.700 1122.500 861.600 914.300 936.200 957.900 980.800 1018.000 1026.100 1088.600 1120.200 1120.300	Percent of Annual rate 13.1 11.6 13.6 9.9 9.6 9.9 16.1 3.2 26.7 12.1 0.0	change Yea ago 9. 10. 10. 12. 6. 9. 12. 11 9. 13.6 14 10.0
1995 1996 1997 1998 996 1 2 3 4 997 1 2 3 4	Billions of 1996 \$ 5070.100 5237.500 5433.700 5698.600 5170.300 5227.500 5255.400 5296.800 5361.100 5385.100 5471.800 5517.100 5592.300 5675.600 5730.700 5795.800 5888.400 5961.800	3.3 4.5 2.2 3.2 4.9 1.8 6.6 3.4 5.6 6.1 3.9 4.6 6.5 5.1	Year ago 3.1 3.3 3.7 4.9 3.3 3.4 3.2 3.3 3.7 3.0 4.1 4.2 4.3 5.4 4.7 5.1 5.3 5.0	Billions of 1996 \$ 583.500 616.500 657.400 731.500 601.700 620.400 618.100 625.700 642.100 639.700 669.700 678.000 704.900 723.900 731.200 766.000	Annual rate 4.1 13.0 -1.5 5.0 10.9 -1.5 20.1 5.1 16.8 11.2 4.1 20.4 12.4 9.1	Year ago 4.6 5.7 6.6 11.3 5.5 7.4 4.6 5.0 6.7 3.1 8.3 8.4 9.8 13.2 9.2 13.0 11.9 11.4	Billions of 1996 \$ 1109.200 1212.700 1316.000 1471.800 1165.200 1203.700 1231.600 1250.200 1274.100 1300.600 1337.900 1351.300 1424.200 1466.700 1474.000 1522.500	12.0 13.9 9.6 6.2 7.9 8.6 12.0 4.1 23.4 12.5 2.0 13.8 9.1 6.6	hange Year ago 6.1 9.3 8.5 11.8 5.7 9.9 11.2 10.4 9.3 8.1 8.6 8.1 11.8 12.8 10.2 12.7	Billions of 1996 \$ 817.500 899.400 995.700 1122.500 861.600 936.200 957.900 980.800 1018.000 1026.100 1088.600 1120.200 1120.300 1160.800	Percent of Annual rate 13.1 11.6 13.6 9.9 9.6 9.9 16.1 3.2 26.7 12.1 0.0 15.3	
1995 1996 1997 1998 996 1 2 3 4 997 1 2 3 4	Billions of 1996 \$ 5070.100 5237.500 5433.700 5698.600 5170.300 5227.500 5255.400 5296.800 5361.100 5385.100 5471.800 5517.100 5592.300 5675.600 5730.700 5795.800 5888.400	3.3 4.5 2.2 3.2 4.9 1.8 6.6 3.4 5.6 6.1 3.9 4.6	Year ago 3.1 3.3 3.7 4.9 3.3 3.4 3.2 3.3 3.7 3.0 4.1 4.2 4.3 5.4 4.7 5.1 5.3	Billions of 1996 \$ 583.500 616.500 657.400 731.500 601.700 620.400 618.100 625.700 642.100 639.700 669.700 678.000 704.900 723.900 731.200 766.000 788.800	Annual rate 4.1 13.0 -1.5 5.0 10.9 -1.5 20.1 5.1 16.8 11.2 4.1 20.4	Year ago 4.6 5.7 6.6 11.3 5.5 7.4 4.6 5.0 6.7 3.1 8.3 8.4 9.8 13.2 9.2 13.0 11.9	Billions of 1996 \$ 1109.200 1212.700 1316.000 1471.800 1165.200 1203.700 1231.600 1250.200 1274.100 1300.600 1337.900 1351.300 1424.200 1466.700 1474.000 1522.500	12.0 13.9 9.6 6.2 7.9 8.6 12.0 4.1 23.4 12.5 2.0 13.8 9.1	hange Year ago 6.1 9.3 8.5 11.8 5.7 9.9 11.2 10.4 9.3 8.1 8.6 8.1 11.8 12.8 10.2 12.7 9.2	Billions of 1996 \$ 817.500 899.400 995.700 1122.500 861.600 914.300 936.200 957.900 980.800 1018.000 1026.100 1088.600 1120.200 1120.300 1160.800 1182.700	Percent of Annual rate 13.1 11.6 13.6 9.9 9.6 9.9 16.1 3.2 26.7 12.1 0.0 15.3 7.8	9. 10. 12. 11. 10. 11. 9. 13. 14. 10. 13.

	g GDP Ch	ain Price Inde	X	j Emplo	yment Cost In	dex	į E	CI: Wages		ı E	CI: Benefits	
		Percent		1	Percent	change		Percent c	-		Percent c	_
	1	Annual	Year	lan allan	Annual	Year	la da	Annual	Year	lan al acc	Annual	Year
	Index	rate	ago 	Index	rate	ago 	Index	rate	ago	Index	rate	ago
1995	98.190		2.1	125.8		2.8	121.9		2.9	135.0		2.2
1996	100.000		1.8	129.3		2.8	126.0		3.3	137.4		1.8
1997	101.660		1.7	133.3		3.1	130.4		3.5	140.2		2.0
1998	102.860		1.2	138.0		3.5	135.6		4.0	143.7		2.5
1996 1	99.460	2.4	1.9	127.9	2.9	2.7	124.4	4.0	3.2	136.2	0.6	1.6
2	99.770	1.3	1.8	128.9	3.2	2.8	125.6	3.9	3.4	137.0	2.4	1.7
3	100.210	1.8	1.8	129.7	2.5	2.9	126.4	2.6	3.3	137.7	2.1	1.8
4	100.560	1.4	1.7	130.7	3.1	2.9	127.4	3.2	3.4	138.6	2.6	1.9
1997 1	101.140	2.3	1.7	131.6	2.8	2.9	128.5	3.5	3.3	138.9	0.9	2.0
2	101.530	1.6	1.8	132.7	3.4	2.9	129.7	3.8	3.3	139.7	2.3	2.0
3	101.830	1.2	1.6	133.7	3.0	3.1	130.9	3.8	3.6	140.3	1.7	1.9
4	102.150	1.3	1.6	135.2	4.6	3.4	132.4	4.7	3.9	141.7	4.1	2.2
1998 1							133.6	7 7	4.0	142.2	1.4	2.4
2	102.410	1.0 1.1	1.3 1.2	136.1 137.3	2.7 3.6	3.4 3.5	134.9	3.7 3.9	4.0	142.2	2.8	2.4
3	102.700	1.4	1.2	137.3	4.1	3.7	134.9	4.8	4.3	144.1	2.5	2.7
4	103.000	0.9	1.1	139.7	2.9	3.3	137.5	3.0	3.9	145.1	2.8	2.4
1999 1	103.790	2.0	1.3	140.2	1.4	3.0	138.1	1.8	3.4	145.4	0.8	2.3
2	104.130	1.3	1.4	141.8	4.6	3.3	139.8	5.0	3.6	146.8	3.9	2.5
3	104.380	1.0	1.3	143.0	3.4	3.1	140.9	3.2	3.2	148.1	3.6	2.8
	ŀ	Exports			Imports		Nonfarm (Output per Hou	r	Nonfarm Co	ompensation/Hr	
		Percent	change		Percent	-	Nonfarm (Output per Hou Percent c	hange	Nonfarm Co	Percent c	hange
	Billions	Percent Annual	Year	Billions	Percent of Annual	Year		Percent c	hange Year		Percent cl Annual	hange Year
		Percent		Billions of 1996 \$	Percent	-	Nonfarm (Percent c	hange	Nonfarm Co	Percent c	hange
1995	Billions	Percent Annual	Year		Percent of Annual	Year		Percent c	hange Year		Percent cl Annual	hange Year
1996	Billions of 1996 \$	Percent Annual	Year ago	of 1996 \$	Percent of Annual	Year ago 8.2 8.6	Index	Percent c	Year ago 0.6 2.5	Index	Percent cl Annual	Year ago 2.4 3.5
1996 1997	Billions of 1996 \$	Percent Annual	Year ago 10.3 8.3	of 1996 \$ 886.600	Percent of Annual	Year ago 8.2	Index	Percent c	hange Year ago 0.6	Index 106.7	Percent cl Annual	Year ago 2.4
1996	Billions of 1996 \$ 807.400 874.200	Percent Annual	Year ago 10.3 8.3	of 1996 \$ 886.600 963.100	Percent of Annual	Year ago 8.2 8.6	Index 101.2 103.7	Percent c	Year ago 0.6 2.5	Index 106.7 110.4	Percent cl Annual	Year ago 2.4 3.5
1996 1997	Billions of 1996 \$ 807.400 874.200 985.400	Percent Annual	Year ago 10.3 8.3 12.7	of 1996 \$ 886.600 963.100 1095.200	Percent of Annual	Year ago 8.2 8.6 13.7	Index 101.2 103.7 104.9	Percent c	Year ago 0.6 2.5	Index 106.7 110.4 114.3	Percent cl Annual	Year ago 2.4 3.5 3.5
1996 1997 1998	Billions of 1996 \$ 807.400 874.200 985.400 1007.100	Percent Annual rate	Year ago 10.3 8.3 12.7 2.2	of 1996 \$ 886.600 963.100 1095.200 1222.200	Percent of Annual rate	Year ago 8.2 8.6 13.7 11.6	Index 101.2 103.7 104.9 107.2	Percent of Annual rate	Year ago 0.6 2.5 1.2 2.2	106.7 110.4 114.3 119.1	Percent c Annual rate	Year ago 2.4 3.5 3.5 4.2
1996 1997 1998 1996 1	Billions of 1996 \$ 807.400 874.200 985.400 1007.100 845.600	Percent Annual rate	Year ago 10.3 8.3 12.7 2.2 8.5	of 1996 \$ 886.600 963.100 1095.200 1222.200 921.100	Percent (Annual rate	Year ago 8.2 8.6 13.7 11.6 5.5	Index 101.2 103.7 104.9 107.2	Percent of Annual rate	hange Year ago 0.6 2.5 1.2 2.2	Index 106.7 110.4 114.3 119.1 108.7	Percent c Annual rate	Year ago 2.4 3.5 3.5 4.2
1996 1997 1998 1996 1 2	Billions of 1996 \$ 807.400 874.200 985.400 1007.100 845.600 859.800	Percent Annual rate 2.3 6.9	Year ago 10.3 8.3 12.7 2.2 8.5 9.1	of 1996 \$ 886.600 963.100 1095.200 1222.200 921.100 950.400	Percent (Annual rate)	Year ago 8.2 8.6 13.7 11.6 5.5 7.2	Index 101.2 103.7 104.9 107.2 103.1 103.8	Annual rate 4.4 2.7	hange Year ago 0.6 2.5 1.2 2.2 2.4 2.9	Index 106.7 110.4 114.3 119.1 108.7 110.1	Percent c Annual rate	2.4 3.5 3.5 4.2 2.9 3.7
1996 1997 1998 1996 1 2 3 4	Billions of 1996 \$ 807.400 874.200 985.400 1007.100 845.600 859.800 867.100 924.200	Percent Annual rate 2.3 6.9 3.4 29.1	Year ago 10.3 8.3 12.7 2.2 8.5 9.1 5.6 9.9	of 1996 \$ 886.600 963.100 1095.200 1222.200 921.100 950.400 982.900 998.100	Percent (Annual rate) 10.8 13.3 14.4 6.3	Year ago 8.2 8.6 13.7 11.6 5.5 7.2 10.5 11.2	Index 101.2 103.7 104.9 107.2 103.1 103.8 103.8 104.1	Annual rate 4.4 2.7 0.0 1.2	hange Year ago 0.6 2.5 1.2 2.2 2.4 2.9 2.4 2.1	Index 106.7 110.4 114.3 119.1 108.7 110.1 111.0 111.9	Percent c Annual rate 2.6 5.3 3.3 3.3	hange Year ago 2.4 3.5 3.5 4.2 2.9 3.7 3.7 3.6
1996 1997 1998 1996 1 2 3 4 1997 1	Billions of 1996 \$ 807.400 874.200 985.400 1007.100 845.600 859.800 867.100 924.200 943.900	Percent Annual rate 2.3 6.9 3.4 29.1 8.8	Year ago 10.3 8.3 12.7 2.2 8.5 9.1 5.6 9.9 11.6	of 1996 \$ 886.600 963.100 1095.200 1222.200 921.100 950.400 982.900 998.100 1034.700	Percent (Annual rate) 10.8 13.3 14.4 6.3	Year ago 8.2 8.6 13.7 11.6 5.5 7.2 10.5 11.2 12.3	Index 101.2 103.7 104.9 107.2 103.1 103.8 103.8 104.1 104.1	4.4 2.7 0.0	Phange Year ago 0.6 2.5 1.2 2.2 2.4 2.9 2.4 2.1 1.0	Index 106.7 110.4 114.3 119.1 108.7 110.1 111.0 111.9	Percent of Annual rate 2.6 5.3 3.3 3.6	hange Year ago 2.4 3.5 3.5 4.2 2.9 3.7 3.7 3.6
1996 1997 1998 1996 1 2 3 4	Billions of 1996 \$ 807.400 874.200 985.400 1007.100 845.600 859.800 924.200 943.900 979.900	Percent Annual rate 2.3 6.9 3.4 29.1 8.8 16.2	Year ago 10.3 8.3 12.7 2.2 8.5 9.1 5.6 9.9 11.6 14.0	of 1996 \$ 886.600 963.100 1095.200 1222.200 921.100 950.400 982.900 998.100 1034.700 1080.800	Percent (Annual rate) 10.8 13.3 14.4 6.3	Year ago 8.2 8.6 13.7 11.6 5.5 7.2 10.5 11.2 12.3 13.7	Index 101.2 103.7 104.9 107.2 103.1 103.8 103.8 104.1 104.1 104.5	4.4 2.7 0.0 1.2	Phange Year ago 0.6 2.5 1.2 2.2 2.4 2.9 2.4 2.1 1.0 0.7	Index 106.7 110.4 114.3 119.1 108.7 110.1 111.0 111.9 112.9 113.6	2.6 5.3 3.3 3.6 2.5	hange Year ago 2.4 3.5 3.5 4.2 2.9 3.7 3.7 3.6 3.9 3.2
1996 1997 1998 1996 1 2 3 4 1997 1 2	Billions of 1996 \$ 807.400 874.200 985.400 1007.100 845.600 859.800 867.100 924.200 943.900	Percent Annual rate 2.3 6.9 3.4 29.1 8.8	Year ago 10.3 8.3 12.7 2.2 8.5 9.1 5.6 9.9 11.6	of 1996 \$ 886.600 963.100 1095.200 1222.200 921.100 950.400 982.900 998.100 1034.700	Percent (Annual rate) 10.8 13.3 14.4 6.3 15.5 19.0	Year ago 8.2 8.6 13.7 11.6 5.5 7.2 10.5 11.2 12.3	Index 101.2 103.7 104.9 107.2 103.1 103.8 103.8 104.1 104.1	4.4 2.7 0.0	Phange Year ago 0.6 2.5 1.2 2.2 2.4 2.9 2.4 2.1 1.0	Index 106.7 110.4 114.3 119.1 108.7 110.1 111.0 111.9	Percent of Annual rate 2.6 5.3 3.3 3.6	hange Year ago 2.4 3.5 3.5 4.2 2.9 3.7 3.7 3.6
1996 1997 1998 1996 1 2 3 4 1997 1 2 3 4	Billions of 1996 \$ 807.400 874.200 985.400 1007.100 845.600 859.800 867.100 924.200 943.900 979.900 1006.800 1011.200	2.3 6.9 3.4 29.1 8.8 16.2 11.4 1.8	Year ago 10.3 8.3 12.7 2.2 8.5 9.1 5.6 9.9 11.6 14.0 16.1 9.4	of 1996 \$ 886.600 963.100 1095.200 1222.200 921.100 950.400 982.900 998.100 1034.700 1080.800 1125.500 1139.900	10.8 13.3 14.4 6.3 15.5 19.0 17.6 5.2	Year ago 8.2 8.6 13.7 11.6 5.5 7.2 10.5 11.2 12.3 13.7 14.5 14.2	Index 101.2 103.7 104.9 107.2 103.1 103.8 103.8 104.1 104.1 104.5 105.4 105.7	4.4 2.7 0.0 1.5 3.5 1.1	Phange Year ago 0.6 2.5 1.2 2.2 2.4 2.9 2.4 2.1 1.0 0.7 1.5	Index 106.7 110.4 114.3 119.1 108.7 110.1 111.0 111.9 112.9 113.6 114.6 116.0	2.6 5.3 3.3 3.6 2.5 3.6 5.0	hange Year ago 2.4 3.5 3.5 4.2 2.9 3.7 3.6 3.9 3.2 3.2 3.2
1996 1997 1998 1996 1 2 3 4 1997 1 2 3 4	Billions of 1996 \$ 807.400 874.200 985.400 1007.100 845.600 859.800 867.100 924.200 943.900 979.900 1006.800 1011.200 1007.300	2.3 6.9 3.4 29.1 8.8 16.2 11.4 1.8	Year ago 10.3 8.3 12.7 2.2 8.5 9.1 5.6 9.9 11.6 14.0 16.1 9.4 6.7	of 1996 \$ 886.600 963.100 1095.200 1222.200 921.100 950.400 982.900 998.100 1034.700 1080.800 1125.500 1139.900 1179.000	Percent of Annual rate 10.8 13.3 14.4 6.3 15.5 19.0 17.6 5.2 14.4	Year ago 8.2 8.6 13.7 11.6 5.5 7.2 10.5 11.2 12.3 13.7 14.5 14.2 13.9	Index 101.2 103.7 104.9 107.2 103.1 103.8 103.8 104.1 104.5 105.4 105.7 106.5	Annual rate 4.4 2.7 0.0 1.2 0.0 1.5 3.5 1.1	2.4 2.4 2.1 1.0 0.7 1.5 1.5	Index 106.7 110.4 114.3 119.1 108.7 110.1 111.0 111.9 112.9 113.6 114.6 116.0 117.4	2.6 5.3 3.3 3.6 2.5 3.6 5.0	hange Year ago 2.4 3.5 3.5 4.2 2.9 3.7 3.6 3.9 3.2 3.2 3.7
1996 1997 1998 1996 1 2 3 4 1997 1 2 3 4	Billions of 1996 \$ 807.400 874.200 985.400 1007.100 845.600 859.800 867.100 924.200 979.900 1006.800 1011.200 1007.300 997.200	2.3 6.9 3.4 29.1 8.8 16.2 11.4 1.8 -1.5 -4.0	Year ago 10.3 8.3 12.7 2.2 8.5 9.1 5.6 9.9 11.6 14.0 16.1 9.4 6.7 1.8	of 1996 \$ 886.600 963.100 1095.200 1222.200 921.100 950.400 982.900 998.100 1034.700 1080.800 1125.500 1139.900 1179.000 1215.600	Percent (Annual rate) 10.8 13.3 14.4 6.3 15.5 19.0 17.6 5.2 14.4 13.0	Year ago 8.2 8.6 13.7 11.6 5.5 7.2 10.5 11.2 12.3 13.7 14.5 14.2 13.9 12.5	Index 101.2 103.7 104.9 107.2 103.1 103.8 103.8 104.1 104.1 104.5 105.4 105.7 106.5 106.6	Annual rate 4.4 2.7 0.0 1.2 0.0 1.5 3.5 1.1 3.1 0.4	2.4 2.9 2.4 2.1 1.0 0.7 1.5 1.5 2.3 2.0	Index 106.7 110.4 114.3 119.1 108.7 110.1 111.0 111.9 112.9 113.6 114.6 116.0 117.4 118.5	2.6 5.3 3.3 3.6 2.5 3.6 5.0 4.9 3.8	hange Year ago 2.4 3.5 3.5 4.2 2.9 3.7 3.6 3.9 3.2 3.2 3.7 4.0 4.3
1996 1997 1998 1996 1 2 3 4 1997 1 2 3 4 1998 1 2 3	Billions of 1996 \$ 807.400 874.200 985.400 1007.100 845.600 859.800 867.100 924.200 943.900 979.900 1006.800 1011.200 1007.300 997.200 993.000	2.3 6.9 3.4 29.1 8.8 16.2 11.4 1.8 -1.5 -4.0 -1.7	Year ago 10.3 8.3 12.7 2.2 8.5 9.1 5.6 9.9 11.6 14.0 16.1 9.4 6.7 1.8 -1.4	of 1996 \$ 886.600 963.100 1095.200 1222.200 921.100 950.400 982.900 998.100 1034.700 1080.800 1125.500 1139.900 1179.000 1215.600 1231.000	Percent (Annual rate) 10.8 13.3 14.4 6.3 15.5 19.0 17.6 5.2 14.4 13.0 5.2	Year ago 8.2 8.6 13.7 11.6 5.5 7.2 10.5 11.2 12.3 13.7 14.5 14.2 13.9 12.5 9.4	Index 101.2 103.7 104.9 107.2 103.1 103.8 103.8 104.1 104.1 104.5 105.4 105.7 106.5 106.6 107.3	Annual rate 4.4 2.7 0.0 1.2 0.0 1.5 3.5 1.1 3.1 0.4 2.7	hange Year ago 0.6 2.5 1.2 2.2 2.4 2.9 2.4 2.1 1.0 0.7 1.5 1.5 2.3 2.0 1.8	Index 106.7 110.4 114.3 119.1 108.7 110.1 111.0 111.9 112.9 113.6 114.6 116.0 117.4 118.5 119.7	2.6 5.3 3.3 3.6 2.5 3.6 5.0 4.9 3.8 4.1	hange Year ago 2.4 3.5 3.5 4.2 2.9 3.7 3.6 3.9 3.2 3.2 3.7 4.0 4.3 4.5
1996 1997 1998 1996 1 2 3 4 1997 1 2 3 4 1998 1 2 3 4	Billions of 1996 \$ 807.400 874.200 985.400 1007.100 845.600 859.800 867.100 924.200 943.900 979.900 1006.800 1011.200 1007.300 997.200 993.000 1030.800	2.3 6.9 3.4 29.1 8.8 16.2 11.4 1.8 -1.5 -4.0 -1.7 16.1	Year ago 10.3 8.3 12.7 2.2 8.5 9.1 5.6 9.9 11.6 14.0 16.1 9.4 6.7 1.8 -1.4 1.9	of 1996 \$ 886.600 963.100 1095.200 1222.200 921.100 950.400 982.900 998.100 1034.700 1080.800 1125.500 1139.900 1179.000 1215.600 1231.000 1263.100	Percent of Annual rate 10.8 13.3 14.4 6.3 15.5 19.0 17.6 5.2 14.4 13.0 5.2 10.8	Year ago 8.2 8.6 13.7 11.6 5.5 7.2 10.5 11.2 12.3 13.7 14.5 14.2 13.9 12.5 9.4 10.8	Index 101.2 103.7 104.9 107.2 103.1 103.8 103.8 104.1 104.1 104.5 105.4 105.7 106.5 106.6 107.3 108.4	Annual rate 4.4 2.7 0.0 1.2 0.0 1.5 3.5 1.1 3.1 0.4 2.7 4.2	2.4 2.9 2.4 2.1 1.0 0.7 1.5 1.5 2.3 2.0 1.8 2.6	Index 106.7 110.4 114.3 119.1 108.7 110.1 111.0 111.9 112.9 113.6 114.6 116.0 117.4 118.5 119.7 120.8	2.6 5.3 3.3 3.6 2.5 3.6 5.0 4.9 3.8 4.1 3.7	hange Year ago 2.4 3.5 3.5 4.2 2.9 3.7 3.6 3.9 3.2 3.2 3.7 4.0 4.3 4.5 4.1
1996 1997 1998 1996 1 2 3 4 1997 1 2 3 4 1998 1 2 3 4	Billions of 1996 \$ 807.400 874.200 985.400 1007.100 845.600 859.800 867.100 924.200 943.900 979.900 1006.800 1011.200 1007.300 997.200 993.000 1030.800 1016.400	2.3 6.9 3.4 29.1 8.8 16.2 11.4 1.8 -1.5 -4.0 -1.7 16.1	Year ago 10.3 8.3 12.7 2.2 8.5 9.1 5.6 9.9 11.6 14.0 16.1 9.4 6.7 1.8 -1.4 1.9 0.9	of 1996 \$ 886.600 963.100 1095.200 1222.200 921.100 950.400 982.900 998.100 1034.700 1080.800 1125.500 1139.900 1179.000 1215.600 1231.000 1263.100 1300.900	Percent (Annual rate) 10.8 13.3 14.4 6.3 15.5 19.0 17.6 5.2 14.4 13.0 5.2 10.8 12.5	Year ago 8.2 8.6 13.7 11.6 5.5 7.2 10.5 11.2 12.3 13.7 14.5 14.2 13.9 12.5 9.4 10.8	Index 101.2 103.7 104.9 107.2 103.1 103.8 103.8 104.1 104.1 104.5 105.4 105.7 106.5 106.6 107.3 108.4 109.4	Annual rate 4.4 2.7 0.0 1.2 0.0 1.5 3.5 1.1 3.1 0.4 2.7 4.2 3.7	Phange Year ago 0.6 2.5 1.2 2.2 2.4 2.9 2.4 2.1 1.0 0.7 1.5 1.5 2.3 2.0 1.8 2.6 2.7	Index 106.7 110.4 114.3 119.1 108.7 110.1 111.0 111.9 112.9 113.6 114.6 116.0 117.4 118.5 119.7 120.8	2.6 5.3 3.3 3.6 2.5 3.6 5.0 4.9 3.8 4.1 3.7	hange Year ago 2.4 3.5 3.5 4.2 2.9 3.7 3.6 3.9 3.2 3.7 4.0 4.3 4.5 4.1
1996 1997 1998 1996 1 2 3 4 1997 1 2 3 4 1998 1 2 3 4	Billions of 1996 \$ 807.400 874.200 985.400 1007.100 845.600 859.800 867.100 924.200 943.900 979.900 1006.800 1011.200 1007.300 997.200 993.000 1030.800 1016.400 1026.400	Percent Annual rate 2.3 6.9 3.4 29.1 8.8 16.2 11.4 1.8 -1.5 -4.0 -1.7 16.1 -5.5 4.0	Year ago 10.3 8.3 12.7 2.2 8.5 9.1 5.6 9.9 11.6 14.0 16.1 9.4 6.7 1.8 -1.4 1.9 0.9 2.9	of 1996 \$ 886.600 963.100 1095.200 1222.200 921.100 950.400 982.900 998.100 1034.700 1080.800 1125.500 1139.900 1215.600 1231.000 1263.100 1300.900 1345.400	Percent (Annual rate) 10.8 13.3 14.4 6.3 15.5 19.0 17.6 5.2 14.4 13.0 5.2 10.8 12.5 14.4	Year ago 8.2 8.6 13.7 11.6 5.5 7.2 10.5 11.2 12.3 13.7 14.5 14.2 13.9 12.5 9.4 10.8 10.3 10.7	Index 101.2 103.7 104.9 107.2 103.1 103.8 103.8 104.1 104.1 104.5 105.4 105.7 106.5 106.6 107.3 108.4	Annual rate 4.4 2.7 0.0 1.2 0.0 1.5 3.5 1.1 3.1 0.4 2.7 4.2	2.4 2.9 2.4 2.1 1.0 0.7 1.5 1.5 2.3 2.0 1.8 2.6	Index 106.7 110.4 114.3 119.1 108.7 110.1 111.0 111.9 112.9 113.6 114.6 116.0 117.4 118.5 119.7 120.8	2.6 5.3 3.3 3.6 2.5 3.6 5.0 4.9 3.8 4.1 3.7	hange Year ago 2.4 3.5 3.5 4.2 2.9 3.7 3.6 3.9 3.2 3.2 3.7 4.0 4.3 4.5 4.1
1996 1997 1998 1996 1 2 3 4 1997 1 2 3 4 1998 1 2 3 4	Billions of 1996 \$ 807.400 874.200 985.400 1007.100 845.600 859.800 867.100 924.200 943.900 979.900 1006.800 1011.200 1007.300 997.200 993.000 1030.800 1016.400	2.3 6.9 3.4 29.1 8.8 16.2 11.4 1.8 -1.5 -4.0 -1.7 16.1	Year ago 10.3 8.3 12.7 2.2 8.5 9.1 5.6 9.9 11.6 14.0 16.1 9.4 6.7 1.8 -1.4 1.9 0.9	of 1996 \$ 886.600 963.100 1095.200 1222.200 921.100 950.400 982.900 998.100 1034.700 1080.800 1125.500 1139.900 1179.000 1215.600 1231.000 1263.100 1300.900	Percent (Annual rate) 10.8 13.3 14.4 6.3 15.5 19.0 17.6 5.2 14.4 13.0 5.2 10.8 12.5	Year ago 8.2 8.6 13.7 11.6 5.5 7.2 10.5 11.2 12.3 13.7 14.5 14.2 13.9 12.5 9.4 10.8	Index 101.2 103.7 104.9 107.2 103.1 103.8 103.8 104.1 104.1 104.5 105.4 105.7 106.5 106.6 107.3 108.4 109.4	Annual rate 4.4 2.7 0.0 1.2 0.0 1.5 3.5 1.1 3.1 0.4 2.7 4.2 3.7	Phange Year ago 0.6 2.5 1.2 2.2 2.4 2.9 2.4 2.1 1.0 0.7 1.5 1.5 2.3 2.0 1.8 2.6 2.7	Index 106.7 110.4 114.3 119.1 108.7 110.1 111.0 111.9 112.9 113.6 114.6 116.0 117.4 118.5 119.7 120.8	2.6 5.3 3.3 3.6 2.5 3.6 5.0 4.9 3.8 4.1 3.7	hange Year ago 2.4 3.5 3.5 4.2 2.9 3.7 3.6 3.9 3.2 3.7 4.0 4.3 4.5 4.1
1996 1997 1998 1996 1 2 3 4 1997 1 2 3 4 1998 1 2 3 4	Billions of 1996 \$ 807.400 874.200 985.400 1007.100 845.600 859.800 867.100 924.200 943.900 979.900 1006.800 1011.200 1007.300 997.200 993.000 1030.800 1016.400 1026.400	Percent Annual rate 2.3 6.9 3.4 29.1 8.8 16.2 11.4 1.8 -1.5 -4.0 -1.7 16.1 -5.5 4.0	Year ago 10.3 8.3 12.7 2.2 8.5 9.1 5.6 9.9 11.6 14.0 16.1 9.4 6.7 1.8 -1.4 1.9 0.9 2.9	of 1996 \$ 886.600 963.100 1095.200 1222.200 921.100 950.400 982.900 998.100 1034.700 1080.800 1125.500 1139.900 1215.600 1231.000 1263.100 1300.900 1345.400 1399.900	Percent of Annual rate 10.8 13.3 14.4 6.3 15.5 19.0 17.6 5.2 14.4 13.0 5.2 10.8 12.5 14.4 17.2	Year ago 8.2 8.6 13.7 11.6 5.5 7.2 10.5 11.2 12.3 13.7 14.5 14.2 13.9 12.5 9.4 10.8 10.3 10.7 13.7	Index 101.2 103.7 104.9 107.2 103.1 103.8 103.8 104.1 104.1 104.5 105.4 105.7 106.5 106.6 107.3 108.4 109.4	Annual rate 4.4 2.7 0.0 1.2 0.0 1.5 3.5 1.1 3.1 0.4 2.7 4.2 3.7 0.7	Phange Year ago 0.6 2.5 1.2 2.2 2.4 2.9 2.4 2.1 1.0 0.7 1.5 1.5 2.3 2.0 1.8 2.6 2.7	Index 106.7 110.4 114.3 119.1 108.7 110.1 111.0 111.9 112.9 113.6 114.6 116.0 117.4 118.5 119.7 120.8	2.6 5.3 3.3 3.6 2.5 3.6 5.0 4.9 3.8 4.1 3.7	hange Year ago 2.4 3.5 3.5 4.2 2.9 3.7 3.6 3.9 3.2 3.7 4.0 4.3 4.5 4.1

		Housel	hold Survey E	mployment Percent o	handa	Nonfai	m Payroll Em	ployment Percent c	hange	Non	farm Aggreg	ate Hours rcent_char	nge.
				Annual	Year		-	Annual	Year	1		Annual	Year
		Thousands	Change	rate	ago	Thousands	Change	rate	ago	Index	rate	rate	ago
	1994	123071	2813		2.3	114135	3443		3.1	129.8	***************************************	·	4.2
	1995	124906	1834		1.5	117189	3054		2.7	133.4			2.7
	1996	126710	1805		1.4	119594	2405		2.1	136.6			2.4
	1997	129559	2848		2.2	122673	3079		2.6	141.4			3.5
	1998	131458	1899		1.5	125803	3130		2.6	145.1			2.6
1997	1	100010	820	0.6	0.4	101147	770	2.6	0.5	470.7	0.0	7 7	7.0
1997	2	128612 129355	829 743	2.6 2.3	2.4 2.4	121447 122294	779 847	2.6 2.8	2.5	139.7	0.9 0.9	3.7 3.7	3.9
	3	129355	500	1.6	2.4	123006	712	2.6	2.5 2.5	141.9	0.9	2.8	3.4
	4	130413	558	1.7	2.1	123946	940	3.1	2.7	141.9	0.7	3.6	3.3 3.4
		130413	JJ0	1.7	2.1	123940	940	٥.١	2.7	143.2	0.9	3.0	3.4
1998		130957	544	1.7	1.8	124771	825	2.7	2.7	144.2	0.7	3.0	3.3
	2	131288	330	1.0	1.5	125462	691	2.2	2.6	144.7	0.3	1.3	2.7
	3	131419	132	0.4	1.2	126113	651	2.1	2.5	145.3	0.4	1.6	2.4
	4	132166	746	2.3	1.3	126865	752	2.4	2.4	146.2	0.7	2.7	2.1
1999	1	133191	1025	3.1	1.7	127640	776	2.5	2.3	147.0	0.5	2.0	1.9
	2	133242	51	0.2	1.5	128246	606	1.9	2.2	147.3	0.2	1.0	1.8
	3	133423	181	0.5	1.5	128882	636	2.0	2.2	148.1	0.5	2.2	2.0
1997	Sen	129911	1	0.0	1.9	123302	408	4.1	2.6	142.4	0.4	4.3	3.2
1007			I						and the state of t			4.5	
	Oct	130055	144	1.3	1.8	123626	324	3.2	2.7	142.7	0.2	2.6	3.5
	Nov	130546	491	4.6	2.2	123949	323	3.2	2.7	143.3	0.4	5.2	3.6
	Dec	130638	92	0.8	2.2	124263	314	3.1	2.8	143.5	0.1	1.7	3.2
1998	Jan	130943	305	2.8	1.9	124580	317	3.1	2.8	144.3	0.6	6.9	4.0
	Feb	131021	78	0.7	2.0	124773	193	1.9	2.8	144.3	0.0	0.0	3.3
	Mar	130908	-113	-1.0	1.5	124961	188	1.8	2.6	144.1	-0.1	-1.7	2.5
	Apr	131280	372	3.5	1.6	125220	259	2.5	2.6	144.3	0.1	1.7	2.6
	May	131330	50	0.5	1.5	125478	258	2.5	2.6	145.0	0.5	6.0	2.7
	Jun	131253	-77	-0.7	1.4	125689	211	2.0	2.6	144.8	-0.1	-1.6	2.8
	Jul	131176	-77	-0.7	1.1	125808	119	1.1	2.4	145.2	0.3	3.4	2.7
	Aug	131264	88	0.8	1.0	126170	362	3.5	2.7	145.5	0.2	2.5	2.5
	Sep	131818	554	5.2	1.5	126361	191	1.8	2.5	145.1	-0.3	-3.2	1.9
	Oct	131858	40	0.4	1.4	126567	206	2.0	2.4	146.0	0.6	7.7	2.3
	Nov	132113	255	2.3	1.2	126841	274	2.6	2.3	146.1	0.1	0.8	2.0
	Dec	132526	413	3.8	1.4	127186	345	3.3	2.4	146.6	0.3	4.2	2.2
1999	Jan	133396	870	8.2	1.9	127378	192	1.8	2.2	146.8	0.1	1.6	1.7
	Feb	133144	-252	-2.2	1.6	127730	352	3.4	2.4	147.3	0.3	4.2	2.1
	Mar	133033	-111	-1.0	1.6	127813	83	8.0	2.3	146.8	-0.3	-4.0	1.9
	Apr	133069	36	0.3	1.4	128134	321	3.1	2.3	147.0	0.1	1.6	1.9
	May	133224	155	1.4	1.4	128162	28	0.3	2.1	147.2	0.1	1.6	1.5
	Jun	133432	208	1.9	1.7	128443	281	2.7	2.2	147.8	0.4	5.0	2.1
	Jul	133307	-125	-1.1	1.6	128816	373	3.5	2.4	148.3	0.3	4.1	2.1
	Aug	133411	104	0.9	1.6	128919	103	1.0	2.2	148.4	0.1	0.8	2.0
	Sep	133550	139	1.3	1.3	128911	-8	-0.1	2.0	147.7	-0.5	-5.5	1.8

			Retail Sal	es cent cha	nae		Industrial Pi	ae	Treasury		
	Unempl. Rate	Billions of dollars	Monthly/ quarterly	Annual rate	Year ago	Index	Monthly/ quarterly		Year ago	Yiel 3 – mo	ds 10 – yr
1994			quartoriy				quartoriy		_		
1995	6.1 5.6	2247.847 2364.120			8.0 5.2	109.062			5.4 4.9	4.25 5.49	7.08 6.58
1996	5.4	2500.076			5.8	119.548			4.5	5.01	6.44
1997	4.9	2617.854			4.7	126.731			6.0	5.06	6.35
1998	4.5	2746.067			4.9	131.378			3.7	4.78	5.26
1997 1	5.2	650.319	2.0	8.2	6.2	123.746	1.6	6.6	6.3	5.06	6.56
2	5.0	645.245	-0.8	-3.1	3.5	125.564	1.5	6.0	5.4	5.05	6.70
3	4.9	660.049	2.3	9.5	5.3	127.773	1.8	7.2	5.8	5.05	6.24
4	4.7	662.241	0.3	1.3	3.9	129.840	1.6	6.6	6.6	5.09	5.90
1998 1	4.6	671.704	1.4	5.8	3.3	130.368	0.4	1.6	5.4	5.05	5.59
2	4.4	685.168	2.0	8.3	6.2	131.278	0.7	2.8	4.6	4.98	5.60
3	4.5	685.526	0.1	0.2	3.9	131.569	0.2	0.9	3.0	4.82	5.20
4	4.4	703.669	2.6	11.0	6.3	132.295	0.6	2.2	1.9	4.26	4.67
1999 1	4.3	726.609	3.3	13.7	8.2	132.709	0.3	1.3	1.8	4.41	4.98
2	4.3	739.004	1.7	7.0	7.9	133.954	0.9	3.8	2.0	4.45	5.54
3	4.2	756.035	2.3	9.5	10.3	135.172	0.9	3.7	2.7	4.65	5.88
1997 Oct	4.7	219.841	-0.3	-3.2	3.5	129.296	0.6	8.0	6.7	4.97	6.03
Nov	4.6	220.740	0.4	5.0	4.0	129.899	0.5	5.7	6.6	5.14	5.87
Dec	4.7	221.660	0.4	5.1	4.0	130.325	0.3	4.0	6.5	5.16	5.81
1998 Jan	4.6	223.038	0.6	7.7	3.6	130.270	-0.0	-0.5	5.9	5.04	5.54
Feb	4.6	224.158	0.5	6.2	3.1	130.150	-0.1	-1.1	5.0	5.09	5.57
Mar	4.7	224.508	0.2	1.9	3.1	130.684	0.4	5.0	5.1	5.03	5.65
Apr	4.3	226.659	1.0	12.1	5.4	131.331	0.5	6.1	5.0	4.95	5.64
May	4.4	228.631	0.9	11.0	6.9	131.861	0.4	5.0	5.1	5.00	5.65
Jun	4.5	229.878	0.5	6.7	6.3	130.642	-0.9	-10.5	3.6	4.98	5.50
Jul	4.5	228.067	-0.8	-9.1	4.1	130.479	-0.1	-1.5	2.7	4.96	5.46
Aug	4.5	228.098	0.0	0.2	3.4	132.367	1.4	18.8	3.6	4.90	5.34
Sep	4.5	229.361	0.6	6.9	4.1	131.860	-0.4	-4.5	2.6	4.61	4.81
Oct	4.5	232.379	1.3	17.0	5.7	132.370	0.4	4.7	2.4	3.96	4.53
Nov	4.4	234.504	0.9	11.5	6.2	132.166	-0.2	-1.8	1.7	4.42	4.83
Dec	4.3	236.786	1.0	12.3	6.8	132.350	0.1	1.7	1.6	4.39	4.64
1999 Jan	4.3	239.595	1.2	15.2	7.4	132.295	-0.0	-0.5	1.6	4.34	4.72
Feb	4.4	243.619	1.7	22.1	8.7	132.483	0.1	1.7	1.8	4.44	5.00
Mar	4.2	243.395	-0.1	-1.1	8.4	133.348	0.7	8.1	2.0	4.44	5.23
Apr	4.3	244.748	0.6	6.9	8.0	133.700	0.3	3.2	1.8	4.29	5.18
May	4.2	247.228	1.0	12.9	8.1	133.959	0.2	2.3	1.6	4.50	5.54
Jun	4.3	247.028	-0.1	-1.0	7.5	134.202	0.2	2.2	2.7	4.57	5.90
Jul	4.3	249.468	1.0	12.5	9.4	134.991	0.6	7.3	3.5	4.55	5.79
Aug	4.2	253.136	1.5	19.1	11.0	135.482	0.4	4.5	2.4	4.72	5.94
Sep	4.2	253.431	0.1	1.4	10.5	135.043	-0.3	-3.8	2.4	4.68	5.92
Oct	1	1				I				4.86	6.11

		Consum	er Price Indo					ner Price In od and Ene Percent	rgy			Producer Prior Finished	Goods	
	Index	Monthly/ quarterly	Percent Annual rate	Year ago	Year to date	Index	Monthly/ quarterly	Annual rate	Year ago	Year to date	Index	Monthly/ quarterly		Year ago
1994	148.3			2.6		156.7			2.8		125.5			0.6
1995	152.5			2.8		161.4			3.0		127.9			1.9
1996	157.0			2.9		165.8			2.7		131.3			2.6
1997	160.6			2.3		169.7			2.4		131.8			0.4
1998	163.1			1.6		173.7			2.3		130.7			-0.9
1997 1	159.7	0.6	2.5	2.9	2.5	168.3	0.5	2.2	2.5	2.2	132.7	0.1	0.4	2.1
2	160.2	0.3	1.2	2.3	1.9	169.5	0.7	2.8	2.5	2.5	131.6	-0.9	-3.4	0.4
3	160.9	0.5	1.9	2.2	1.9	170.1	0.4	1.6	2.3	2.2	131.3	-0.2	-0.8	-0.1
4	161.7	0.5	1.8	1.9	1.9	171.1	0.5	2.2	2.2	2.2	131.6	0.2	0.7	-0.8
1998 1	162.1	0.2	1.0	1.5	1.0	172.1	0.6	2.4	2.3	2.4	130.5	-0.8	-3.1	-1.7
2	162.8	0.5	1.8	1.6	1.4	173.2	0.7	2.7	2.2	2.5	130.6	0.0	0.1	-0.8
3	163.5	0.4	1.6	1.6	1.5	174.2	0.5	2.2	2.4	2.4	130.5	-0.0	-0.1	-0.6
4	164.2	0.4	1.7	1.5	1.5	175.1	0.6	2.2	2.4	2.4	131.0	0.4	1.4	-0.4
1999 1	164.8	0.4	1.5	1.7	1.5	175.8	0.4	1.6	2.2	1.6	131.4	0.3	1.3	0.7
2	166.2	0.9	3.5	2.1	2.5	176.9	0.6	2.4	2.1	2.0	132.3	0.7	2.7	1.3
3	167.3	0.6	2.6	2.3	2.5	177.6	0.4	1.7	2.0	1.9	133.5	0.9	3.8	2.3
1997 Sep	161.3	0.2	3.0	2.2	1.8	170.4	0.2	2.9	2.2	2.2	131.7	0.3	3.7	0.0
Oct	161.5	0.1	1.5	2.0	1.8	170.8	0.2	2.9	2.2	2.2	131.8	0.1	0.9	-0.4
Nov	161.7	0.1	1.5	1.9	1.8	170.0	0.1	1.4	2.2	2.1	131.5	-0.2	-2.7	-0.8
Dec	161.8	0.1	0.7	1.7	1.7	171.4	0.2	2.8	2.2	2.2	131.4	-0.1	-0.9	-1.2
1998 Jan	162.0	0.1	1.5	1.6	1.5	171.7	0.2	2.1	2.3	2.1	130.6	-0.6	-7.1	-1.8
Feb	162.0	0.1	0.7	1.4	1.1	172.2	0.3	3.6	2.3	2.8	130.5	-0.1	-0.9	-1.7
Mar	162.1	0.0	0.0	1.4	0.7	172.4	0.1	1.4	2.2	2.4	130.5	0.0	0.0	-1.5
Apr	162.5	0.2	3.0	1.5	1.3	172.9	0.3	3.5	2.2	2.6	130.7	0.2	1.9	-0.9
May	162.9	0.2	3.0	1.7	1.6	173.3	0.2	2.8	2.2	2.7	130.6	-0.1	-0.9	-0.8
Jun	163.0	0.1	0.7	1.7	1.5	173.5	0.1	1.4	2.2	2.5	130.4	-0.2	-1.8	-0.7
Jul	163.3	0.2	2.2	1.7	1.6	173.8	0.2	2.1	2.2	2.4	130.7	0.2	2.8	-0.2
Aug	163.5	0.2	1.5	1.6	1.6	174.2	0.2	2.8	2.5	2.5	130.7	-0.3	-3.6	-0.8
Sep	163.6	0.1	0.7	1.4	1.5	174.5	0.2	2.1	2.4	2.4	130.6	0.2	2.8	-0.8
Oct	163.9	0.2	2.2	1.5	1.6	174.8	0.2	2.1	2.3	2.4	131.0	0.3	3.7	-0.6
Nov Dec	164.2 164.4	0.2 0.1	2.2 1.5	1.5 1.6	1.6 1.6	175.0 175.6	0.1 0.3	1.4 4.2	2.3 2.5	2.3 2.5	130.7 131.3	-0.2 0.5	-2.7 5.7	-0.6 -0.1
1999 Jan	164.6	0.1	1.5	1.6	1.5	175.7	0.1	0.7	2.3	0.7	131.7	0.3	3.7	0.8
Feb	164.7	0.1	0.7	1.6	1.1	175.8	0.1	0.7	2.1	0.7	131.1		-5.3	0.5
Mar	165.0	0.2	2.2	1.8	1.5	176.0	0.1	1.4	2.1	0.9	131.5	0.3	3.7	0.8
Apr	166.2	0.7	9.1	2.3	3.3	176.7	0.4	4.9	2.2	1.9	132.2	0.5	6.6	1.1
May	166.2	0.0	0.0	2.0	2.6	176.9	0.1	1.4	2.1	1.8	132.4	0.2	1.8	1.4
Jun	166.2	0.0	0.0	2.0	2.2	177.0	0.1	0.7	2.0	1.6	132.3	-0.1	-0.9	1.5
Jul	166.7	0.3	3.7	2.1	2.4	177.3	0.2	2.1	2.0	1.7	132.6	0.2	2.8	1.5
Aug	167.2	0.3	3.7	2.3	2.6	177.5	0.1	1.4	1.9	1.6	133.3	0.5	6.5	2.3
Sep	167.9	0.4	5.1	2.6	2.8	178.1	0.3	4.1	2.1	1.9	134.7	1.1	13.4	3.1
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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. Beginning with the comprehensive revision, which was released with the advance third-quarter GDP report on Oct. 28, 1999, real GDP is measured in 1996 dollars. The Purchasing Managers' Index is a weighted average of diffusion indexes for new orders, production, supplier deliveries, inventories, and employment. The National Association of Purchasing Management (NAPM) surveys over 300 firms in 20 manufacturing industries, weighting responses by industry share of GDP. 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: The **contribution** of a component X_t to the overall GDP growth rate in quarter t is $100 \times [(1 + (X_t - X_{t-1})/GDP_{t-1})^4 - 1]$. The sign is changed for **imports**. This calculation forces components to add up to the GDP growth rate before compounding and does not exactly match *Survey of Current Business*, Table 8.2. The **residual** line is calculated using the finest level of detail in the table.

Page 7: Ten-year **Treasury yields** are adjusted to constant maturity. Three-month yields are secondary market averages, but all rates used in the yield curves are adjusted to constant maturity. **Standard and Poor's 500 Index with Reinvested Dividends** shows the total return: capital gains plus dividends.

Pages 8,9: Oil prices are monthly averages of daily spot prices for West Texas intermediate crude (Wall Street Journal). 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: Nonfarm payroll employment is counted in a survey of about 390,000 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 50,000 households provides estimates of civilian employment, unemployment rate, labor force participation rate, and employment-population ratio. Population is civilian, noninstitutional, 16 years and over. New population controls introduced in January 1997 affect levels and growth rates of household survey employment, labor force and population. The unemployment rate and other ratios are minimally affected. 90 percent confidence intervals for the unemployment rate (± 0.2 percentage points) and change in household survey employment (± 376,000) measure uncertainty due to sample size. The household survey was changed in January 1994, so care should be exercised in making short-term comparisons around this date, particularly with the duration data shown on page 10. Other changes in the survey are detailed in Bureau of Labor Statistics, Employment and Earnings, Appendix A.

Pages 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.

Pages 14, 15: Overall gross saving includes government saving, which is the sum of the government surplus and capital consumption (see notes for pages 16 and 17). Net foreign investment (NFI) is U.S. investment abroad minus foreign investment in the U.S. Aside from a statistical discrepancy, NFI also equals the difference between gross domestic investment and saving. The comprehensive revision introduced the equipment & software component of business investment.

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 National Income and Product Accounts (NIPA). The unified federal budget 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. Multifactor productivity estimates changes in output that do not correspond to changes in quantities of labor, capital, or intermediate inputs. 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.

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)