

July 28, 2005 Advance Edition



Calendar of Releases

| | Titles for the current | week are links to their | respective releases. | |
|---|---|---|--|---|
| MONDAY* | TUESDAY | WEDNESDAY | THURSDAY* | FRIDAY |
| July 25 Existing Home Sales (Jun) A: 7.33M P: 7.15M | July 26 Consumer Conf (Jul) A: 103.2 P: 106.0 | July 27 New Home Sales (Jun) A: 1374K P: 1300K Durable Goods (Jun) A: 1.4% P: -1.0% Current Economic Conditions (Beige Book) Latest issue: Internat'l Economic Trends | July 28 Initial Claims (7/23) A: 310K P: 319K Help Wanted Index (Jun) | July 29 GDP (Q2) A: N/A P: 3.3% ECI (Q2) A: N/A P: 0.8% |
| August 1Construct Spending (Jun)F: N/AP: 0.3%ISM Index (Jul)F: N/AP: 54.0 | August 2Factory Orders (Jul)F: N/APersonal Income (Jun)F: N/AP: 0.4%Consumption (Jun)F: N/AP: 0.9%Latest issue:National Economic Trends | August 3 ISM Non Mfg Index (Jul) F: N/A P: 63.0 | August 4 Initial Claims (7/30) F: N/A P: 320K | August 5 Nonfarm Payroll (Jul) F: N/A P: 178K Unemployment Rate (Jul) F: N/A P: 5.0% Consumer Credit (Jun) F: N/A P: \$8.0B |
| August 8 | August 9 Productivity (Q2) F: N/A Unit Labor Costs (Q2) F: N/A FOMC Meeting Statement | August 10 Treasury Budget (Jul) F: N/A | August 11 Initial Claims (7/30) F: N/A Retail Sales (Jul) F: N/A Business Inventories (Jun) F: N/A | August 12 International Trade (Jun) F: N/A Import Prices (Jul) F: N/A |

DEFINITIONS: A, actual value; P, previous week's forecast; F, current week's forecast; K, thousand; M, million; B, billion.

*The Board of Governors of the Federal Reserve System provides H.3, H.4.1, and H.6 releases each Thursday and H.10 and H.15 releases each Monday.

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Conventions used in this publication:

- 1. Unless otherwise indicated, data are weekly and seasonally adjusted.
- 2. For pages 7, 10, 11 (top chart), 12 (top chart), 13, and 18 (top and bottom right tables), the last observation is a daily average that incorporates all available data at the time of publication, which usually includes observations for the first three trading days of the week (Monday through Wednesday). The previous observations signify that week's average.

We welcome your comments addressed to:

Editor, *U.S. Financial Data* Research Division Federal Reserve Bank of St. Louis P.O. Box 442 St. Louis, MO 63166-0442

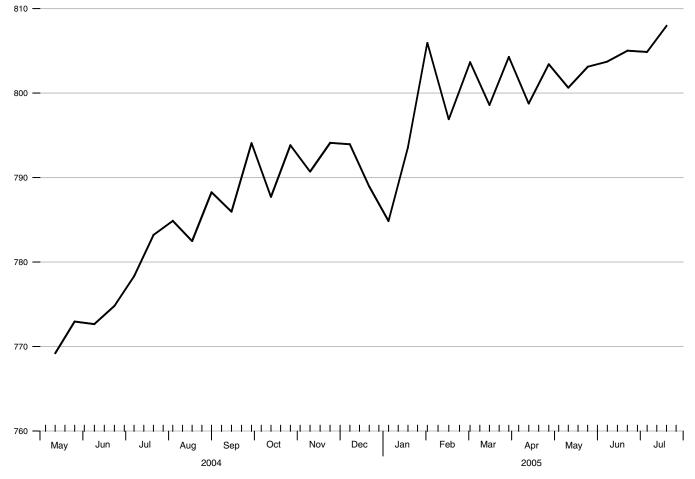
or to:

stlsFRED@stls.frb.org

Adjusted Monetary Base

Averages of Daily Figures, Seasonally Adjusted

Billions of dollars

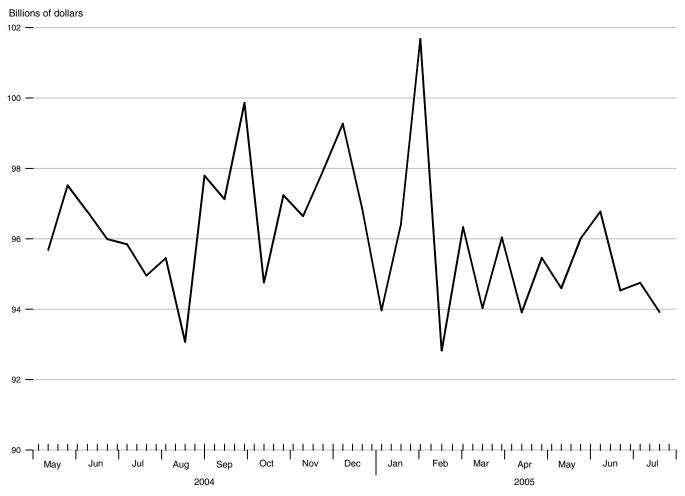


Adjusted Monetary Base

| To the average of | C | Compounded annual rates of change, average of two maintenance periods ending: | | | | | | | | | | |
|------------------------------------|----------|---|----------|----------|----------|----------|----------|----------|--|--|--|--|
| two maintenance periods ending: | 07/21/04 | 10/13/04 | 12/22/04 | 01/19/05 | 02/16/05 | 03/16/05 | 04/27/05 | 05/25/05 | | | | |
| 12/22/04 | 3.3 | | | | | | | | | | | |
| 01/19/05 | 2.2 | -0.8 | | | | | | | | | | |
| 02/16/05 | 4.6 | 3.9 | 8.5 | | | | | | | | | |
| 03/16/05 | 4.0 | 3.1 | 5.4 | 10.2 | | | | | | | | |
| 04/27/05 | 3.4 | 2.4 | 3.6 | 5.7 | -0.2 | | | | | | | |
| 05/25/05 | 3.2 | 2.3 | 3.1 | 4.7 | 0.2 | 0.5 | | | | | | |
| 06/22/05 | 3.3 | 2.5 | 3.3 | 4.6 | 1.1 | 1.5 | 2.7 | | | | | |
| 07/20/05 | 3.3 | 2.6 | 3.3 | 4.4 | 1.5 | 1.9 | 2.9 | 3.7 | | | | |

Adjusted Reserves

Seasonally Adjusted

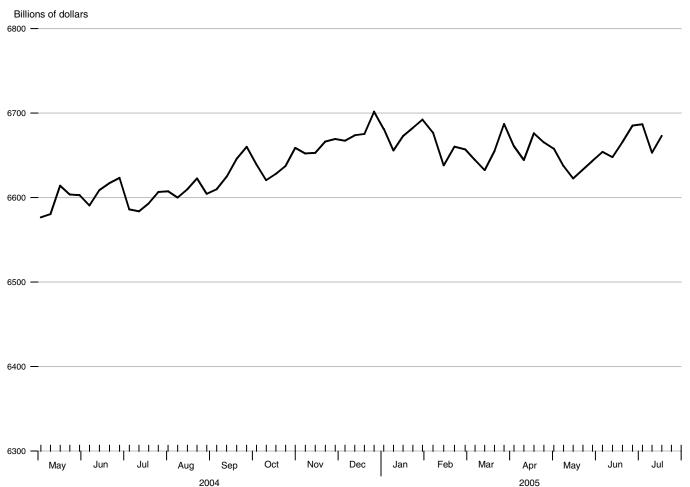


Adjusted Reserves

| To the average of | Compounded annual rates of change, average of two maintenance periods ending: | | | | | | | | | | |
|------------------------------------|---|----------|----------|----------|----------|----------|----------|----------|--|--|--|
| two maintenance periods ending: | 07/21/04 | 10/13/04 | 12/22/04 | 01/19/05 | 02/16/05 | 03/16/05 | 04/27/05 | 05/25/05 | | | |
| 12/22/04 | 6.7 | | | | | | | | | | |
| 01/19/05 | -0.4 | -7.9 | | | | | | | | | |
| 02/16/05 | 3.4 | -0.2 | -5.3 | | | | | | | | |
| 03/16/05 | -0.4 | -5.1 | -12.1 | -0.1 | | | | | | | |
| 04/27/05 | -1.0 | -5.0 | -9.6 | -1.9 | -13.0 | | | | | | |
| 05/25/05 | -0.1 | -3.3 | -6.5 | 0.3 | -7.2 | 0.7 | | | | | |
| 06/22/05 | 0.3 | -2.5 | -4.9 | 1.2 | -4.7 | 1.9 | 6.8 | | | | |
| 07/20/05 | -1.1 | -4.0 | -6.5 | -1.8 | -6.9 | -2.5 | -1.6 | -6.4 | | | |
| | | | | | | | | | | | |

MZM

Averages of Daily Figures, Seasonally Adjusted

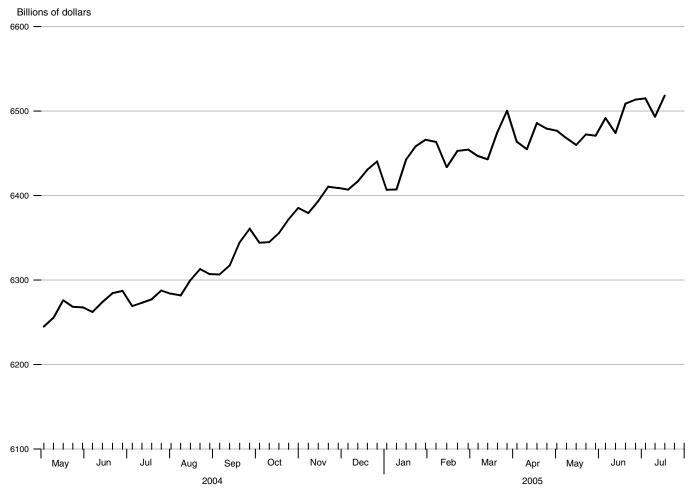


MZM

| To the average | Compounded annual rates of change, average of four weeks ending: | | | | | | | | | | |
|--------------------------|--|----------|----------|----------|----------|----------|----------|----------|--|--|--|
| of four weeks ending: | 07/19/04 | 10/11/04 | 12/20/04 | 01/17/05 | 02/14/05 | 03/14/05 | 04/25/05 | 05/23/05 | | | |
| 12/20/04 | 2.7 | | | | | | | | | | |
| 01/17/05 | 2.5 | 2.1 | | | | | | | | | |
| 02/14/05 | 2.0 | 1.4 | 0.1 | | | | | | | | |
| 03/14/05 | 1.2 | 0.3 | -1.5 | -2.8 | | | | | | | |
| 04/25/05 | 1.3 | 0.6 | -0.4 | -0.9 | -0.8 | | | | | | |
| 05/23/05 | 0.7 | -0.1 | -1.2 | -1.7 | -1.9 | -0.8 | | | | | |
| 06/20/05 | 0.9 | 0.2 | -0.6 | -0.9 | -0.8 | 0.2 | -0.9 | | | | |
| 07/18/05 | 1.2 | 0.6 | 0.1 | -0.1 | 0.1 | 1.1 | 0.8 | 3.7 | | | |

М2

Averages of Daily Figures, Seasonally Adjusted

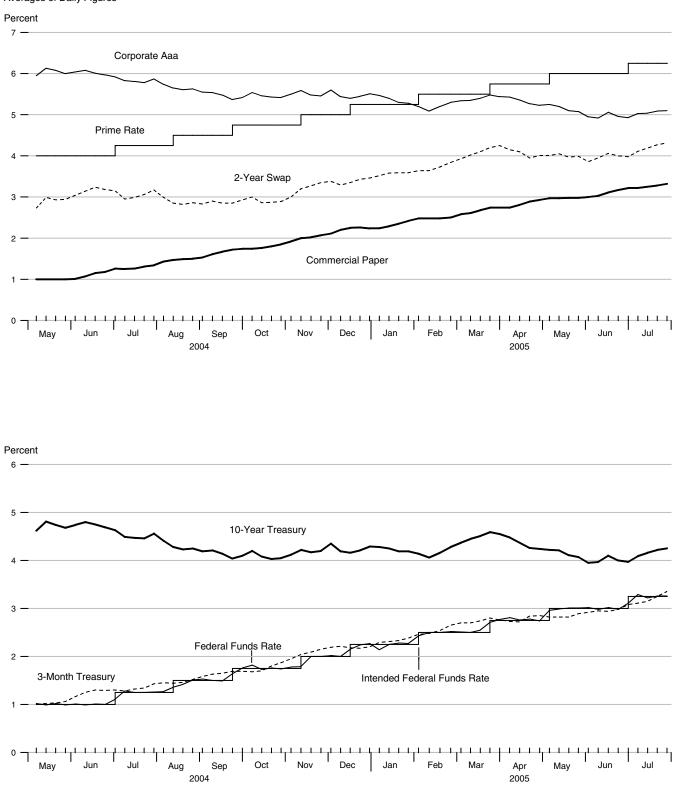


М2

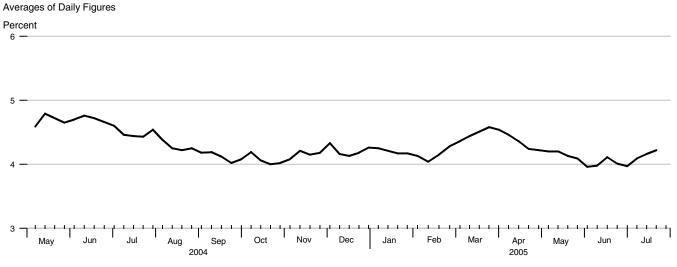
| To the average of four weeks ending: | Compounded annual rates of change, average of four weeks ending: | | | | | | | | | | |
|--|--|----------|----------|----------|----------|----------|----------|----------|--|--|--|
| | 07/19/04 | 10/11/04 | 12/20/04 | 01/17/05 | 02/14/05 | 03/14/05 | 04/25/05 | 05/23/05 | | | |
| 12/20/04 | 5.3 | | | | | | | | | | |
| 01/17/05 | 4.8 | 4.5 | | | | | | | | | |
| 02/14/05 | 5.0 | 4.9 | 4.1 | | | | | | | | |
| 03/14/05 | 4.2 | 3.8 | 2.3 | 2.6 | | | | | | | |
| 04/25/05 | 4.0 | 3.6 | 2.5 | 2.7 | 1.2 | | | | | | |
| 05/23/05 | 3.6 | 3.1 | 2.0 | 2.0 | 0.8 | 1.6 | | | | | |
| 06/20/05 | 3.6 | 3.1 | 2.2 | 2.3 | 1.4 | 2.2 | 1.6 | | | | |
| 07/18/05 | 3.7 | 3.3 | 2.6 | 2.7 | 2.0 | 2.8 | 2.7 | 4.2 | | | |

Yields on Selected Securities

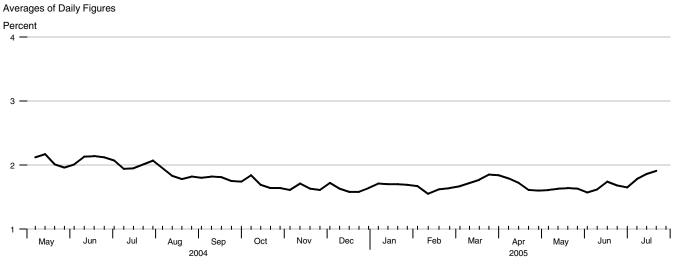
Averages of Daily Figures



10-Year Treasury Note Yield

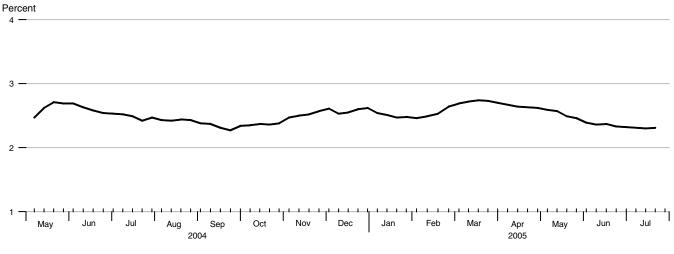


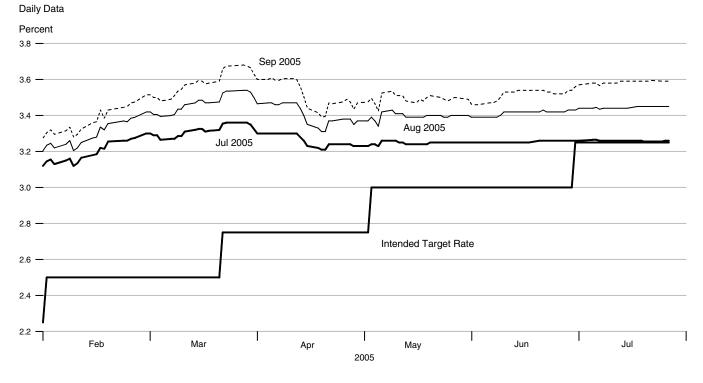
10-Year Inflation-Indexed Treasury Yield



10-Year Inflation-Indexed Treasury Yield Spread

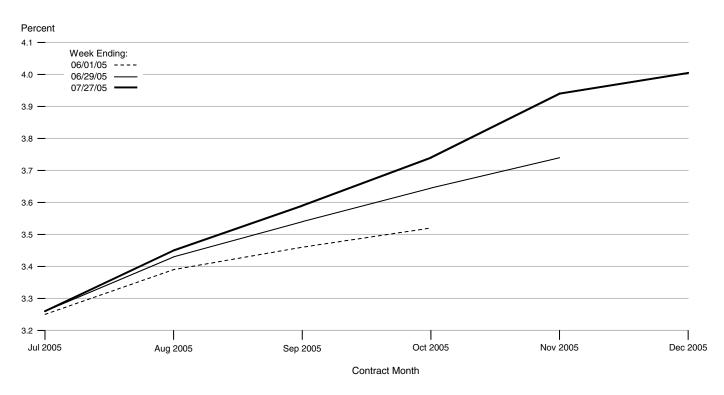
Averages of Daily Figures



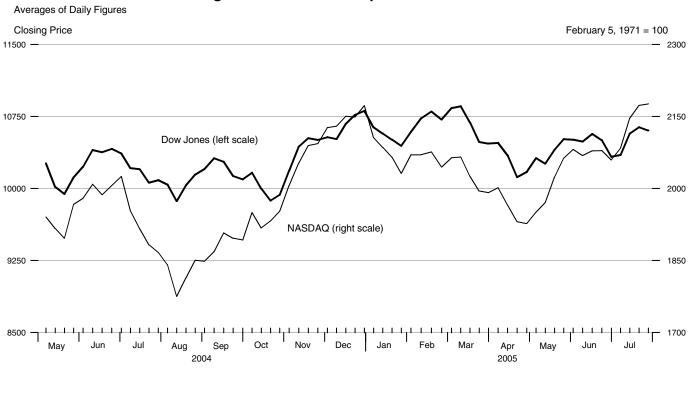


Rates on Federal Funds Futures Contracts

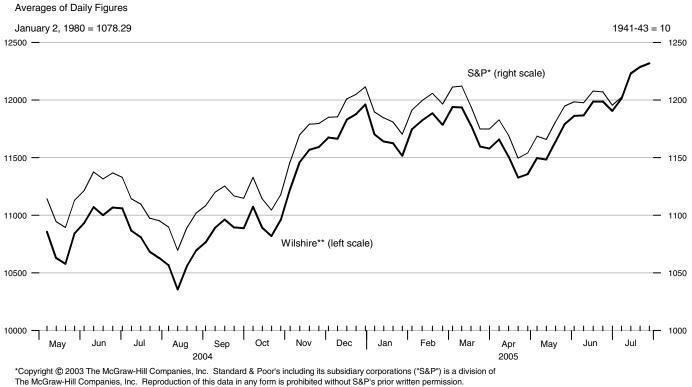
Rates on Federal Funds Futures on Selected Dates



Dow Jones Industrial Average and NASDAQ Composite®



Wilshire 5000[®] and Standard & Poor's 500

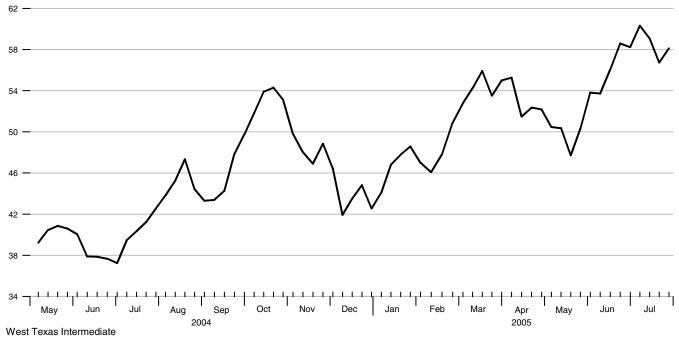


**Source: Wilshire Associates Incorporated, www.wilshire.com

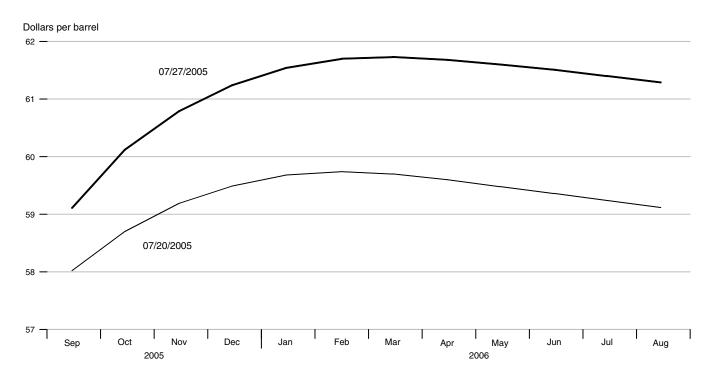
Crude Oil Spot Prices

West Texas Intermediate, Averages of Daily Figures

Dollars per barrel

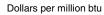


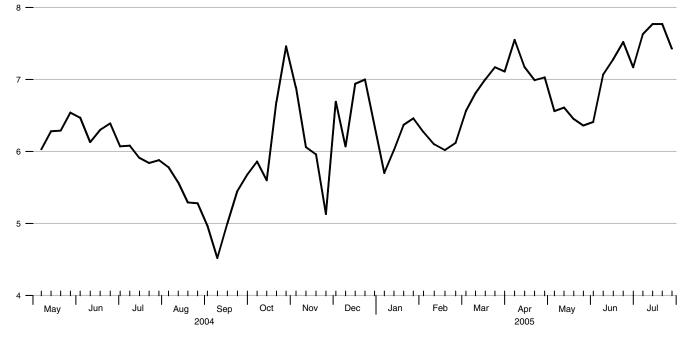
Crude Oil Futures Prices



Natural Gas Spot Prices

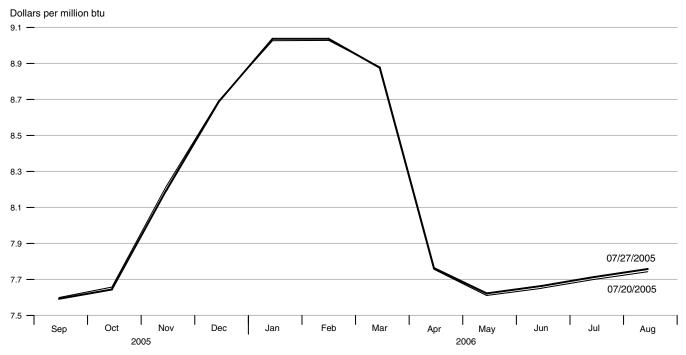
Henry Hub, Averages of Daily Figures



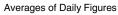


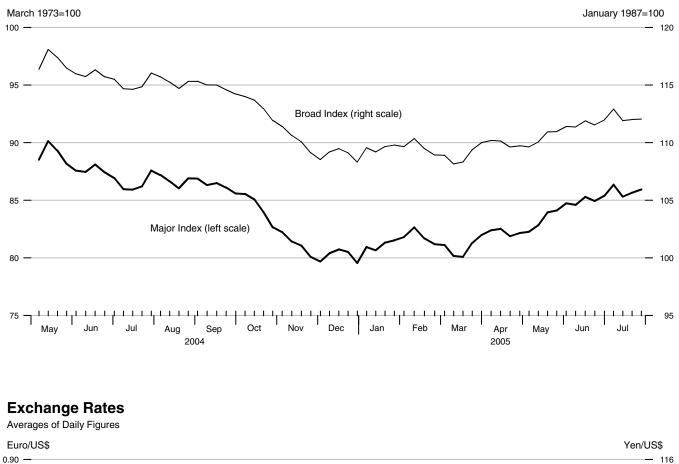
Natural Gas Futures Prices

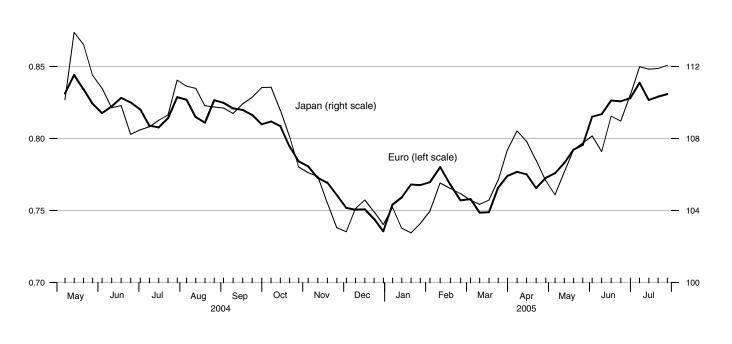
Henry Hub



Trade-Weighted Exchange Rate Indexes

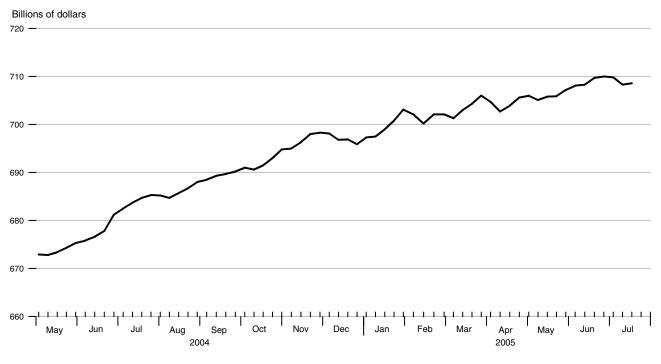




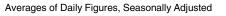


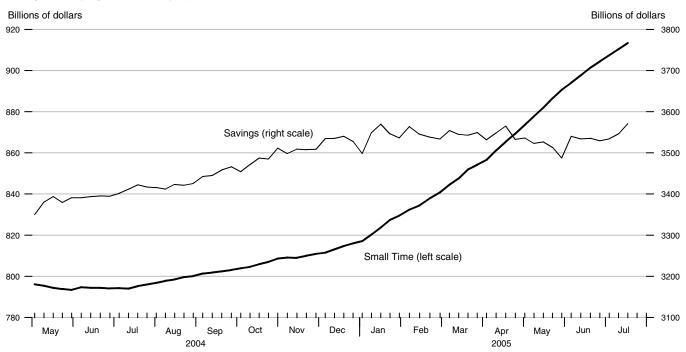
Currency Component of M1

Averages of Daily Figures, Seasonally Adjusted



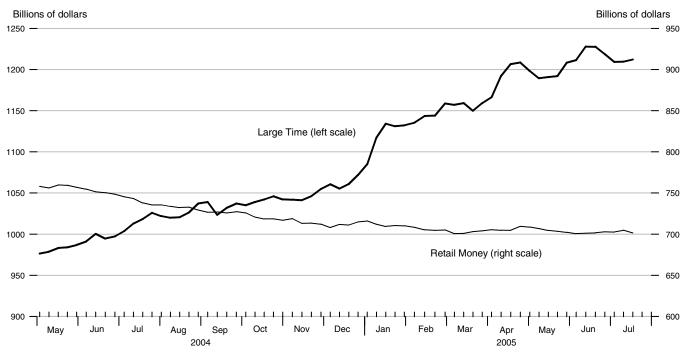
Savings and Small Time Deposits





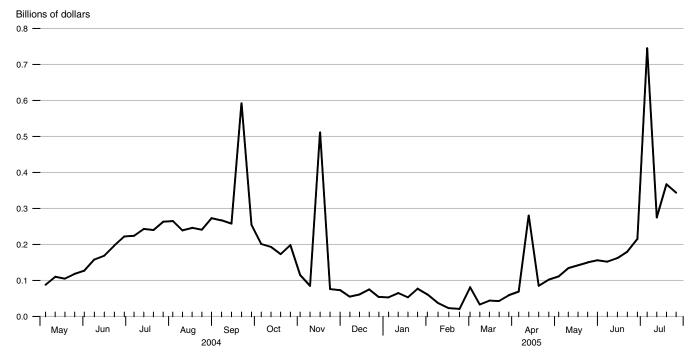
Large Time Deposits and Retail Money Funds

Averages of Daily Figures, Seasonally Adjusted



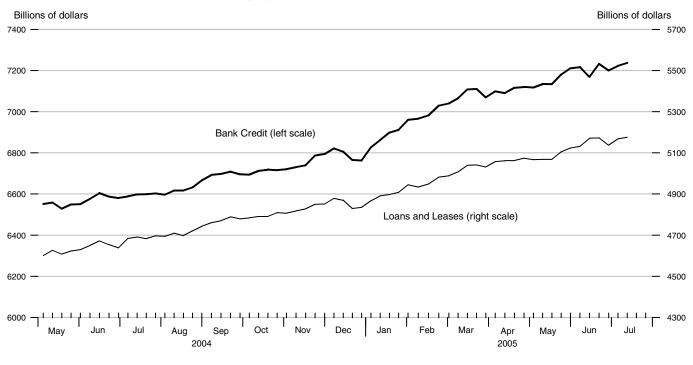
Total Borrowings from Federal Reserve Banks

Averages of Daily Figures

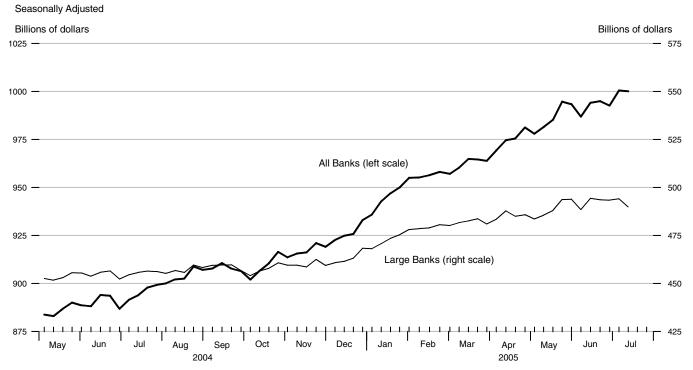


Bank Loans and Credit

All Commercial Banks in the United States, Seasonally Adjusted

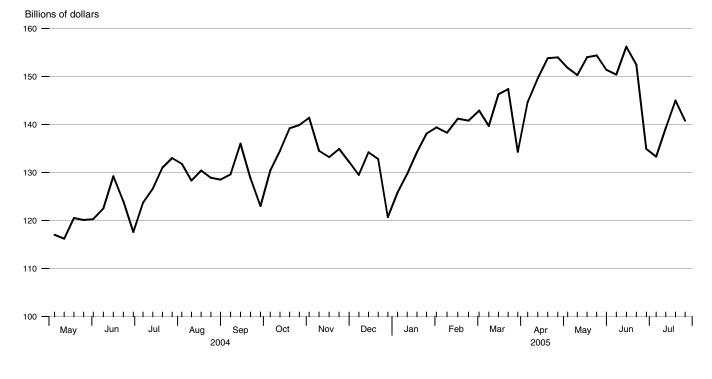


Commercial and Industrial Loans



Commercial Paper of Nonfinancial Companies

Not Seasonally Adjusted



Commercial Paper of Financial Companies

Not Seasonally Adjusted



Interest Rates

Percent

| | | 30-Day Comm. Paper | 90-Day CDs | 2-Year Interest Rate Swap | Corporate Aaa Bonds | Corporate Baa Bonds | Municipal Bonds | Federal Funds | 3-Month Treasury Bill | 2-Year Treasury Securities | 5-Year Treasury Securities | 10-Year Treasury Securities | 20-Year Treasury Securities |
|-----|------|--------------------------|---------------|---------------------------------|------------------------|------------------------|--------------------|------------------|-----------------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------------------|
| Мау | 6 | 2.97 | 3.17 | 4.01 | 5.25 | 6.02 | 4.38 | 2.96 | 2.82 | 3.65 | 3.88 | 4.22 | 4.64 |
| | 13 | 2.97 | 3.20 | 4.05 | 5.20 | 6.03 | 4.35 | 2.99 | 2.82 | 3.68 | 3.91 | 4.21 | 4.62 |
| | 20 | 2.98 | 3.22 | 3.97 | 5.10 | 6.02 | 4.25 | 3.01 | 2.82 | 3.62 | 3.83 | 4.11 | 4.53 |
| | 27 | 2.98 | 3.25 | 3.99 | 5.08 | 5.98 | 4.24 | 3.01 | 2.89 | 3.63 | 3.81 | 4.07 | 4.47 |
| Jun | 3 | 3.00 | 3.29 | 3.86 | 4.95 | 5.83 | 4.18 | 3.02 | 2.92 | 3.55 | 3.69 | 3.95 | 4.33 |
| | 10 | 3.03 | 3.33 | 3.95 | 4.92 | 5.80 | 4.21 | 2.98 | 2.95 | 3.62 | 3.75 | 3.97 | 4.31 |
| | 17 | 3.11 | 3.37 | 4.06 | 5.06 | 5.96 | 4.31 | 3.02 | 2.94 | 3.71 | 3.88 | 4.10 | 4.46 |
| | 24 | 3.17 | 3.42 | 4.00 | 4.96 | 5.87 | 4.23 | 2.98 | 2.98 | 3.65 | 3.77 | 4.00 | 4.35 |
| Jul | 1 | 3.22 | 3.46 | 3.98 | 4.93 | 5.84 | 4.24 | 3.11 | 3.08 | 3.66 | 3.76 | 3.97 | 4.31 |
| | 8 | 3.22 | 3.52 | 4.11 | 5.03 | 5.93 | 4.27 | 3.29 | 3.11 | 3.76 | 3.87 | 4.09 | 4.41 |
| | 15 | 3.25 | 3.55 | 4.19 | 5.04 | 5.95 | 4.30 | 3.22 | 3.15 | 3.84 | 3.95 | 4.16 | 4.46 |
| | 22 | 3.28 | 3.59 | 4.27 | 5.09 | 5.99 | 4.36 | 3.26 | 3.25 | 3.91 | 4.02 | 4.22 | 4.52 |
| | 29 * | 3.32 | 3.62 | 4.32 | 5.10 | 5.97 | . | 3.26 | 3.35 | 3.96 | 4.07 | 4.25 | 4.54 |

*Averages of rates available

Money Stock and Components

Billions of dollars, seasonally adjusted

| | | M2 | MZM | Currency | Small Time | Savings | Large Time | Retail Money |
|-----|----|--------|--------|----------|---------------|---------|---------------|-----------------|
| Jun | 6 | 6491.7 | 6654.1 | 708.1 | 894.1 | 3540.2 | 1211.7 | 700.7 |
| | 13 | 6474.1 | 6648.0 | 708.3 | 897.7 | 3534.2 | 1227.9 | 701.1 |
| | 20 | 6508.9 | 6665.9 | 709.7 | 901.4 | 3535.5 | 1227.8 | 701.6 |
| | 27 | 6513.7 | 6685.2 | 710.0 | 904.5 | 3529.4 | 1218.7 | 702.9 |
| Jul | 4 | 6515.2 | 6686.8 | 709.8 | 907.5 | 3534.3 | 1209.4 | 702.7 |
| | 11 | 6493.4 | 6653.2 | 708.3 | 910.4 | 3546.3 | 1209.7 | 704.8 |
| | 18 | 6518.3 | 6673.0 | 708.6 | 913.4 | 3571.1 | 1212.3 | 701.6 |

Reserves and Base

Billions of dollars, seasonally adjusted

| | | Adjusted Monetary Base | Adjusted Reserves | | |
|-----|----|------------------------------|----------------------|--|--|
| Apr | 27 | 803.417 | 95.458 | | |
| Мау | 11 | 800.644 | 94.597 | | |
| | 25 | 803.118 | 96.009 | | |
| Jun | 8 | 803.741 | 96.774 | | |
| | 22 | 805.026 | 94.534 | | |
| Jul | 6 | 804.887 | 94.750 | | |
| | 20 | 807.974 | 93.919 | | |
| | | I | | | |

Exchange Rates

Bank Loans and Credit

Billions of dollars, seasonally adjusted

| | | Bank Credit | Loans and Leases | C&I Loans (All) | C&I Loans (Large) | Comm. Paper (nsa) | Total Borrowings | | | | Major Exchange Rate Index | Broad Exchange Rate Index | Exchange Rate: Euro/\$ | |
|-----|------------------------------|----------------|---------------------|-----------------------|-------------------------|-------------------------|---------------------|---|-----|------|---------------------------------|---------------------------------|------------------------------|--|
| Jun | 15 | 7169.7 | 5170.9 | 994.1 | 494.3 | 156.2 | 0.162 | - | Jun | 17 | 85.3 | 111.9 | 0.826 | |
| | 22 | 7232.4 | 5173.1 | 995.0 | 493.6 | 152.5 | 0.180 | | | 24 | 84.9 | 111.6 | 0.826 | |
| | 29 | 7200.8 | 5137.6 | 992.7 | 493.4 | 134.9 | 0.215 | | Jul | 1 | 85.4 | 112.0 | 0.828 | |
| Jul | 6 | 7223.3 | 5168.3 | 1000.5 | 494.1 | 133.3 | 0.745 | | | 8 | 86.4 | 112.9 | 0.839 | |
| | 13 | 7237.8 | 5176.2 | 1000.1 | 489.9 | 139.3 | 0.275 | | | 15 | 85.3 | 111.9 | 0.827 | |
| | 20 | | | | | 145.0 | 0.367 | | | 22 | 85.7 | 112.0 | 0.829 | |
| | 27 | | | | | 140.8 | 0.344 | | | 29 * | 85.9 | 112.1 | 0.831 | |
| | *Averages of rates available | | | | | | | | | | | | | |

Exchange Rate: Yen/\$

> 109.2 109.0 110.4 112.0

111.9 111.9 112.1

Definitions

M1: The sum of currency held outside the vaults of depository institutions, Federal Reserve Banks, and the U.S. Treasury; travelers checks; and demand and other checkable deposits issued by financial institutions (except demand deposits due to the Treasury and depository institutions), minus cash items in process of collection and Federal Reserve float.

M2: M1 plus savings deposits (including money market deposit accounts) and small-denomination (less than \$100,000) time deposits issued by financial institutions; and shares in retail money market mutual funds (funds with initial investments of less than \$50,000), net of retirement accounts.

M3: M2 plus large-denomination (\$100,000 or more) time deposits; repurchase agreements issued by depository institutions; Eurodollar deposits, specifically, dollar-denominated deposits due to nonbank U.S. addresses held at foreign offices of U.S. banks worldwide and all banking offices in Canada and the United Kingdom; and institutional money market mutual funds (funds with initial investments of \$50,000 or more).

Notes

Cover Page: Economic forecasts are median responses from the Thomson Financial Weekly Economic Survey, which is sent out to 20 to 25 Wall Street economists each week (usually on Tuesday). These forecasts are released on Friday—at which time, Thursday's *USFD* cover page will be updated.

Page 3: **Adjusted Monetary Base** equals the sum of currency in circulation outside Federal Reserve Banks and the U.S. Treasury, deposits of depository financial institutions at Federal Reserve Banks, and an adjustment for the effects of changes in statutory reserve requirements on the quantity of base money held by depositories. This series is a spliced chain index; see Anderson and Rasche (1996a, 1996b, 2001, 2003).

Page 4: **Adjusted Reserves** is defined as the sum of vault cash and Federal Reserve Bank deposits held by depository institutions and an adjustment for the effects of changes in statutory reserve requirements on the quantity of base money held by depositories. This series, a spliced chain index, is numerically larger than the Board of Governors' measure, which excludes vault cash not used to satisfy statutory reserve requirements and Federal Reserve Bank deposits used to satisfy required clearing balance contracts; see Anderson and Rasche (1996a, 2001, 2003).

Page 5: **MZM** includes the zero maturity, or immediately available, components of M3. MZM equals M2 minus small-denomination time deposits, plus institutional money market mutual funds (that is, the money market mutual funds included in M3 but excluded from M2). The label MZM, or "Money, Zero Maturity," was coined by William Poole (1991) for this aggregate, proposed earlier by Motley (1988). Readers are cautioned that since early 1994 the level and growth of M1 have been depressed by retail sweep programs that reclassify transactions deposits (demand deposits and other checkable deposits) as savings deposits overnight, thereby reducing banks' required reserves; see Anderson and Rasche (2001) and research.stlouisfed.org/aggreg/swdata.html.

Page 7: Current data appear in the Federal Reserve Board's H.15 release, except for the **Intended Federal Funds Rate**. Federal Funds Rate represents seven-day averages for the week ending two days earlier than the date shown in the release.

Page 8: 10-Year Inflation-Indexed Treasury Yield is the most

recently issued inflation-indexed bond of 10-year original maturity. **10-Year Inflation-Indexed Treasury Yield Spread** equals the difference between the yield on the most recently issued 10-year inflationindexed bond and the unadjusted **10-Year Treasury Note Yield** of similar maturity.

Page 9: **Rates on Federal Funds Futures Contracts** trace through time the yield on three specific contracts. **Rates on Federal Funds Futures on Selected Dates** displays a single day's snapshot of yields for contracts expiring in the months shown on the horizontal axis.

Page 11: **Crude Oil** (West Texas intermediate) spot and futures prices are listed in the Wall Street Journal. **Spot Prices** are weekly averages of daily prices; **Futures Prices** are usually taken on Wednesday.

Page 12: **Natural Gas** (Henry Hub) spot and futures prices are listed in the Wall Street Journal. **Spot Prices** are weekly averages of daily prices; **Futures Prices** are usually taken on Wednesday.

Page 13: Data appear in the Federal Reserve Board's H.10 release. The **Major Index** comprises 7 currencies. The **Broad Index** comprises the **Major Index** plus 19 additional currencies. Further details may be found at www.federalreserve.gov/releases/h10/summary/.

Page 14: Data appear in the Federal Reserve Board's H.6 release. **Savings Deposits** is the sum of money market deposit accounts and passbook and statement savings. **Small Time Deposits** have a minimum initial maturity of 7 days. Savings deposits and small time deposits are at all depository institutions.

Page 15: Data appear in the Federal Reserve Board's H.6 release. **Large Time Deposits** are deposits of \$100,000 or more. **Retail Money Funds** are included in M2. Retail money funds were originally called general purpose and broker/ dealer money market funds. Large time deposits and retail money funds are at all depository institutions.

As of January 9, 2003, **Total Borrowings** includes primary, secondary, and seasonal credit. Prior to that, borrowings include seasonal, adjustment, and extended credit.

Page 16: Data appear in the Federal Reserve Board's H.8 release. **Bank Loans and Credit** include foreign-related institutions. **Bank Credit** includes loans and leases and securities. **All Banks** includes foreign-related institutions. **Large Banks** are domestically chartered banks (adjusted for mergers) and report on a weekly basis.

Page 17: Current data appear at www.federalreserve.gov/releases/cp/table1.htm.

Page 18: **Treasury Security** yields are Treasury constant maturities as reported in the Board of Governors of the Federal Reserve System's H.15 release.

The **3-Month Treasury Bill** yield is the secondary market yield from the H.15 release. **Federal Funds** represents seven-day averages for the week ending two days earlier than the date shown in the table. **Municipal Bonds** represents Bond Buyer's Average Index of 20 municipal bonds, Thursday data.

Sources

Board of Governors of the Federal Reserve System

Monetary aggregates and components: H.6 release. Bank credit: H.8 release. Total Borrowings: H.4.1 release. Interest rates: H.15 release. Exchange rates: H.10 release. Commercial paper: Board of Governors web site.

Chicago Board of Trade Federal funds futures contract.

Dow Jones Indexes Dow Jones Industrial Average.

Federal Reserve Bank of St. Louis Adjusted monetary base, adjusted reserves, and MZM.

- NASDAQ Stock Market, Incorporated NASDAQ Composite[®].
- Standard & Poor's Standard & Poor's 500 composite index.
- U.S. Department of the Treasury U.S. inflation-indexed security yields.
- *Wall Street Journal* Oil (West Texas intermediate) and natural gas (Henry Hub) spot and futures prices.
- Wilshire Associates Incorporated (www.wilshire.com) Wilshire 5000[®].

References

- Anderson, Richard G. and Robert H. Rasche (1996a). "A Revised Measure of the St. Louis Adjusted Monetary Base," Federal Reserve Bank of St. Louis *Review*, March/April, 78(2), pp. 3-13.
- _____ and _____(1996b). "Measuring the Adjusted Monetary Base in an Era of Financial Change," Federal Reserve Bank of St. Louis *Review*, November/ December, 78(6), pp. 3-37.

- _____ and ____(2001). "Retail Sweep Programs and Bank Reserves, 1994-1999," Federal Reserve Bank of St. Louis *Review*, January/February, pp. 51-72.
- _____ and _____, with Jeffrey Loesel (2003). "A Reconstruction of the Federal Reserve Bank of St. Louis Adjusted Monetary Base and Reserves," Federal Reserve Bank of St. Louis *Review*, September/October, 85(5), pp. 39-70.
- Motley, Brian (1988). "Should M2 Be Redefined?" Federal Reserve Bank of San Francisco *Economic Review*, Winter, pp. 33-51.
- Poole, William (1991). Statement before the Subcommittee on Domestic Monetary Policy of the Committee on Banking, Finance and Urban Affairs, U.S. House of Representatives, November 6, 1991. Government Printing Office, Serial No. 102-82.

Note: Articles from this Bank's *Review* are available on the Internet at research.stlouisfed.org/publications/review/.