



# Calendar of Releases

	Titles for the current	week are links to their	respective releases.	
MONDAY*	TUESDAY	WEDNESDAY	THURSDAY*	FRIDAY
May 30	May 31  Consumer Conf (May) A: 102.2 P: 97.0	June 1  Construct Spending (Apr) A: 0.5% P: 0.5%  ISM Index (May) A: 51.4 P: 52.0	June 2 Initial Claims (5/28) A: 350K P: 323K Factory Orders (Apr) A: 0.9% P: 1.2% Productivity (Q1) A: 2.9% P: 3.0% Unit Labor Costs (Q1) A: 3.3% P: 1.8%	June 3  Nonfarm Payroll (May) A: N/A P: 185K  Unemployment Rate (May) A: N/A P: 5.2%  ISM Non Mfg Index (May) A: N/A P: 61.0
June 6  Latest issue: National Economic Trends	June 7  Consumer Credit (Apr) F: N/A P: \$6.0B	June 8	June 9 Initial Claims (6/4) F: N/A P: 320K	June 10  International Trade (Apr) F: N/A P: -\$57.4B  Import Prices (May) F: N/A P: 0.3%  Treasury Budget (May) F: N/A P: -\$50.2B
June 13	June 14 Retail Sales (May) F: N/A PPI (May) F: N/A	June 15  Business Inventories (Apr) F: N/A  Quarterly Services (Q1)  CPI (May) F: N/A  Industrial Production (May) F: N/A  Current Economic Conditions (Beige Book)	June 16 Initial Claims (6/11) F: N/A Housing Starts (May) F: N/A Building Permits (May) F: N/A	June 17 Current Account (Q1) F: N/A

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

Forecast data are from Thomson Financial. ©Thomson Financial, 2004. All Rights Reserved. Use, duplication, or sale of this service or the data contained herein, except as described in the Federal Reserve Bank of St. Louis Subscription Agreement, is strictly prohibited.

<sup>\*</sup>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.

# **Contents**

Page	
3	Adjusted Monetary Base
4	Adjusted Reserves
5	MZM
6	M2
7	Yields on Selected Securities
8	Yields on Nominal and Inflation-Indexed Treasury Securities
9	Federal Funds Futures Market
10	Equity Price Indices
11	Crude Oil Prices
12	Natural Gas Prices
13	Exchange Rates
14	Currency, Savings, and Small Time Deposits
15	Large Time Deposits, Retail Money Funds, and Borrowings from Federal Reserve Banks
16	Bank Loans
17	Commercial Paper
18	Reference Tables
19	Notes

# 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:

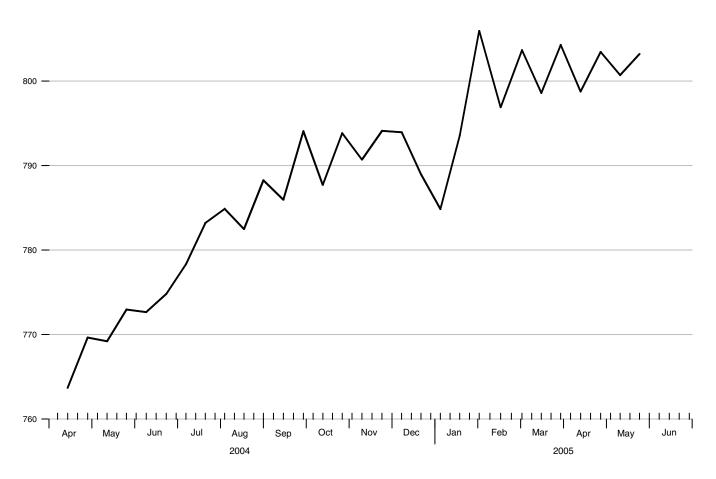
stlsFRED@stls.frb.org

## **Adjusted Monetary Base**

Averages of Daily Figures, Seasonally Adjusted

Billions of dollars

810 <del>-</del>



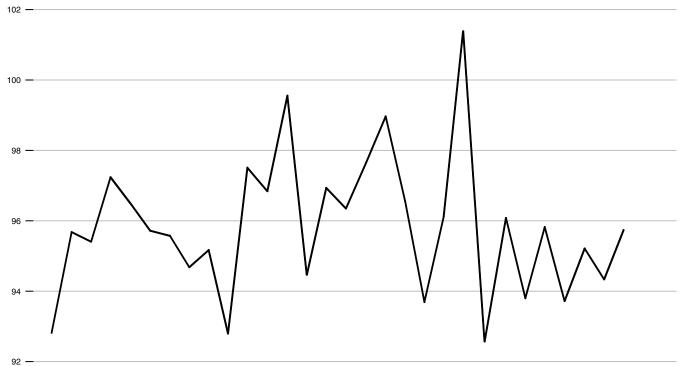
# **Adjusted Monetary Base**

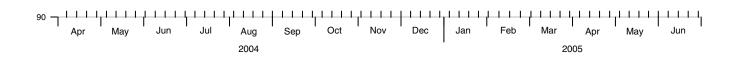
To the average of	Compounded annual rates of change, average of two maintenance periods ending:									
two maintenance periods ending:	05/26/04	08/18/04	10/27/04	11/24/04	12/22/04	01/19/05	03/02/05	03/30/05		
10/27/04	6.1									
11/24/04	5.6	4.2								
12/22/04	4.6	2.9	0.6							
01/19/05	3.6	1.7	-0.9	-2.6						
03/02/05	5.0	4.0	3.5	3.7	5.9					
03/30/05	4.7	3.7	3.2	3.3	4.8	8.3				
04/27/05	4.2	3.2	2.6	2.6	3.6	5.7	0.7			
05/25/05	4.0	3.0	2.5	2.4	3.2	4.7	0.9	0.4		

## **Adjusted Reserves**

Seasonally Adjusted







# **Adjusted Reserves**

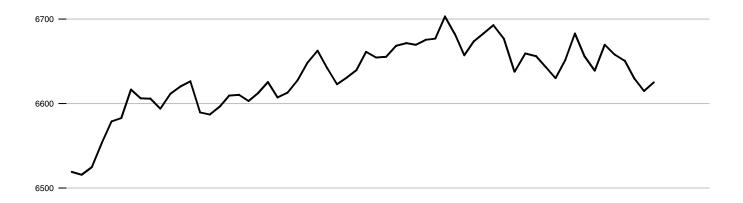
To the average of	(	Compounded a	nnual rates of o	change, averag	e of two mainte	enance periods	ending:	
two maintenance periods ending:	05/26/04	08/18/04	10/27/04	11/24/04	12/22/04	01/19/05	03/02/05	03/30/05
10/27/04	-1.5							
11/24/04	1.4	12.4						
12/22/04	2.6	12.1	14.9					
01/19/05	-2.2	2.3	-3.5	-13.2				
03/02/05	-2.7	0.7	-4.1	-9.9	-17.0			
03/30/05	-1.9	1.4	-2.2	-6.4	-10.8	-0.5		
04/27/05	-2.1	0.7	-2.6	-6.1	-9.4	-1.7	1.0	
05/25/05	-1.3	1.5	-1.2	-4.0	-6.5	0.4	3.3	1.6

#### MZM

Averages of Daily Figures, Seasonally Adjusted

Billions of dollars

6800 <del>-</del>



6400 -



## MZM

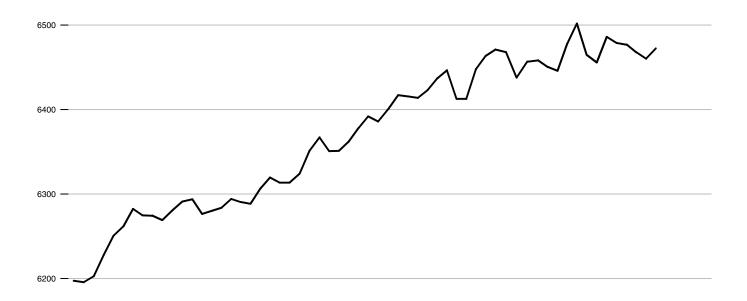
To the average		Compou	nded annual ra	tes of change,	average of four	weeks ending	:	
of four weeks ending:	05/24/04	08/16/04	10/25/04	11/22/04	12/20/04	01/17/05	02/28/05	03/28/05
10/25/04	1.4							
11/22/04	1.9	2.9						
12/20/04	2.0	2.8	4.0					
01/17/05	1.9	2.5	3.0	1.9				
02/28/05	1.2	1.4	1.0	-0.1	-1.2			
03/28/05	1.0	1.1	0.6	-0.3	-1.2	-2.1		
04/25/05	1.0	1.0	0.7	-0.2	-0.8	-1.3	-0.2	
05/23/05	0.5	0.4	-0.1	-0.9	-1.5	-2.1	-1.8	-2.1

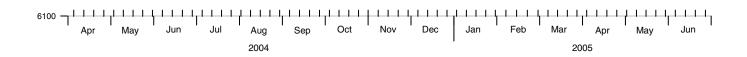
#### **M2**

Averages of Daily Figures, Seasonally Adjusted

Billions of dollars

6600 <del>-</del>

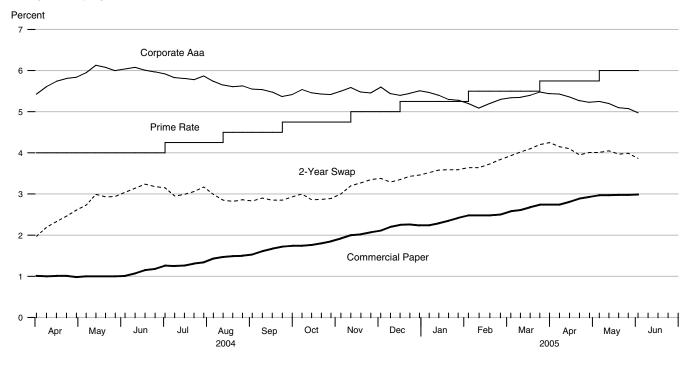


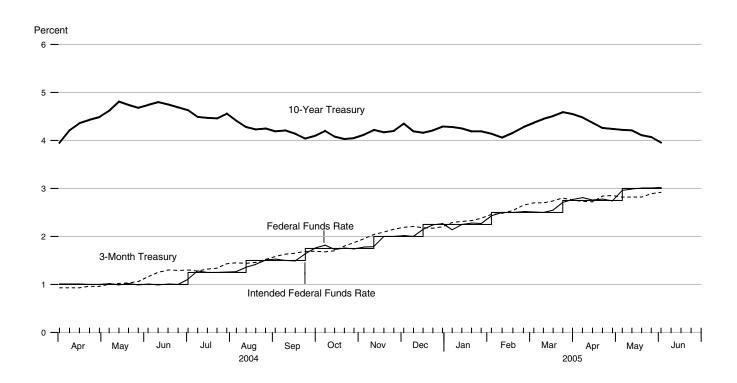


## **M2**

To the average	Compounded annual rates of change, average of four weeks ending:							
of four weeks ending:	05/24/04	08/16/04	10/25/04	11/22/04	12/20/04	01/17/05	02/28/05	03/28/05
10/25/04	3.5							
11/22/04	4.2	6.3						
12/20/04	4.3	6.0	6.5					
01/17/05	4.0	5.1	4.8	3.2				
02/28/05	3.9	4.8	4.4	3.3	2.7			
03/28/05	3.8	4.5	4.1	3.2	2.7	3.2		
04/25/05	3.5	4.1	3.5	2.7	2.2	2.4	1.6	
05/23/05	3.2	3.6	3.0	2.2	1.7	1.8	0.9	0.0

#### **Yields on Selected Securities**



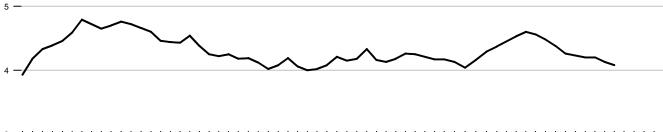


## **10-Year Treasury Note Yield**

Averages of Daily Figures

Percent





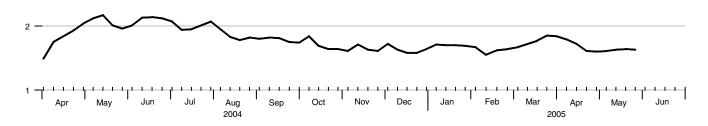


# 10-Year Inflation-Indexed Treasury Yield

Averages of Daily Figures

Percent

3 —



# 10-Year Inflation-Indexed Treasury Yield Spread

Averages of Daily Figures

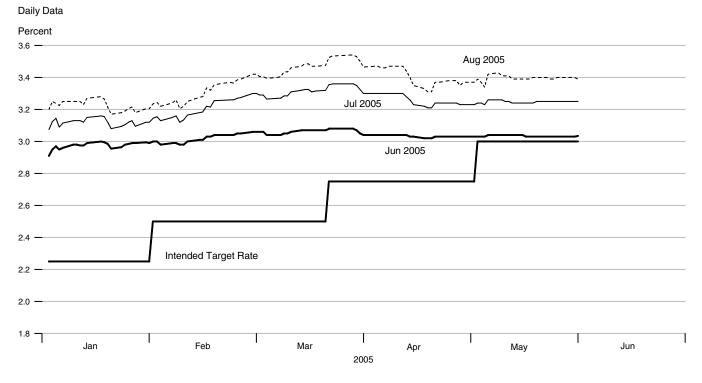
Percent



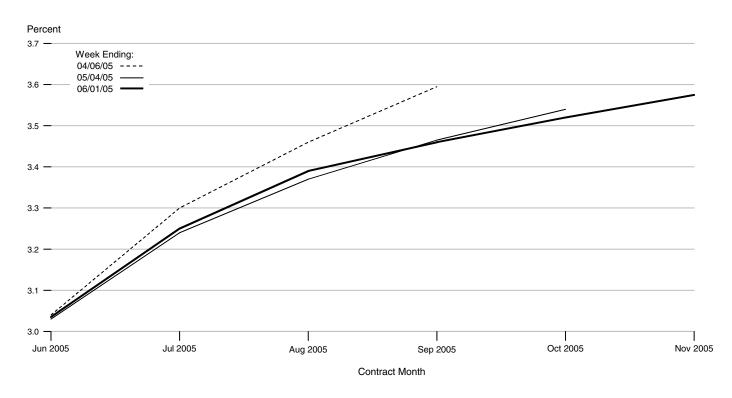




# **Rates on Federal Funds Futures Contracts**



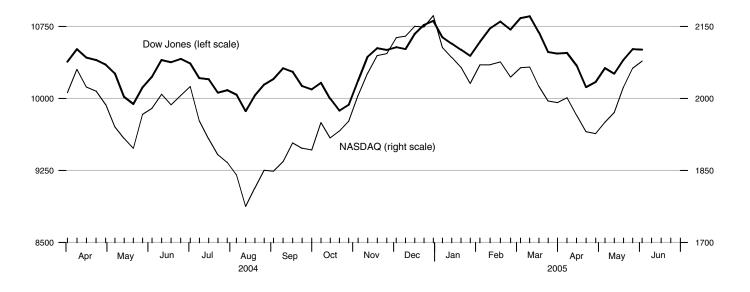
## **Rates on Federal Funds Futures on Selected Dates**



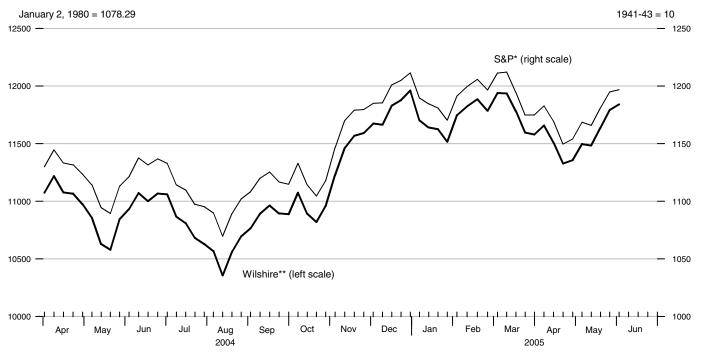
## Dow Jones Industrial Average and NASDAQ Composite®

Averages of Daily Figures





#### Wilshire 5000® and Standard & Poor's 500



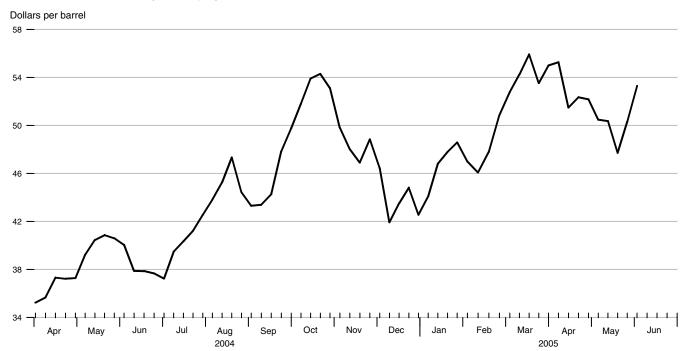
<sup>\*</sup>Copyright © 2003 The McGraw-Hill Companies, Inc. Standard & Poor's including its subsidiary corporations ("S&P") is a division of

The McGraw-Hill Companies, Inc. Reproduction of this data in any form is prohibited without S&P's prior written permission.

<sup>\*\*</sup>Source: Wilshire Associates Incorporated, www.wilshire.com

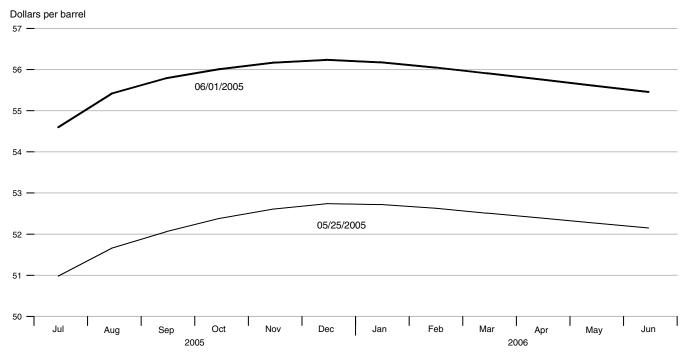
# **Crude Oil Spot Prices**

West Texas Intermediate, Averages of Daily Figures



#### **Crude Oil Futures Prices**

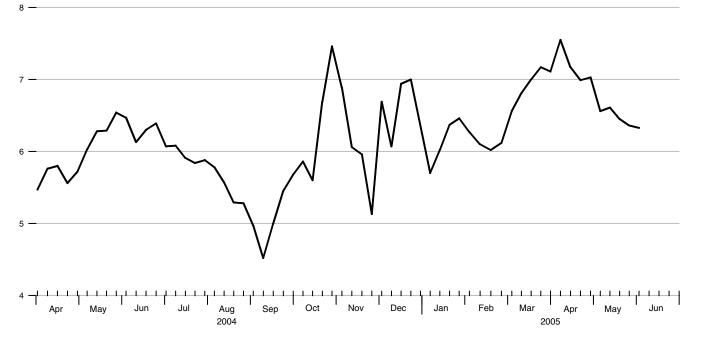
West Texas Intermediate



#### **Natural Gas Spot Prices**

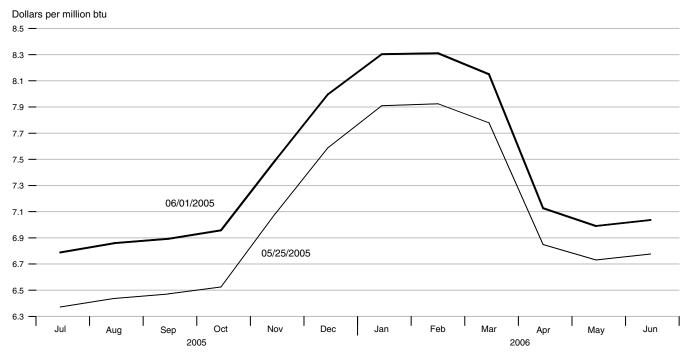
Henry Hub, Averages of Daily Figures

Dollars per million btu



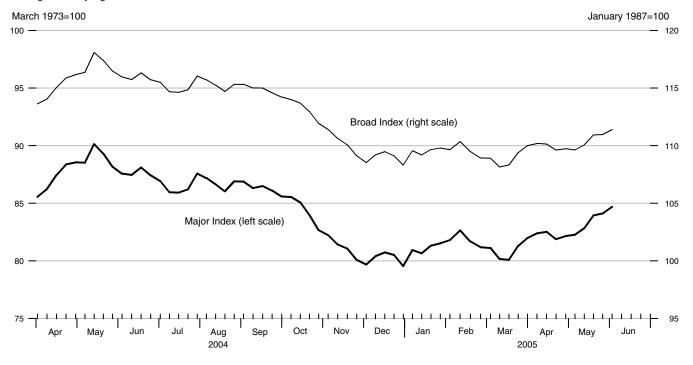
#### **Natural Gas Futures Prices**

Henry Hub

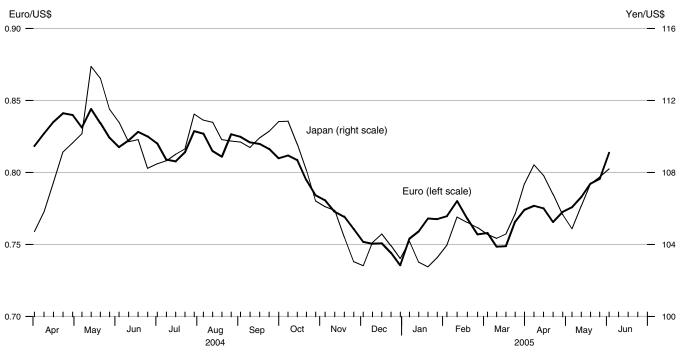


# **Trade-Weighted Exchange Rate Indexes**



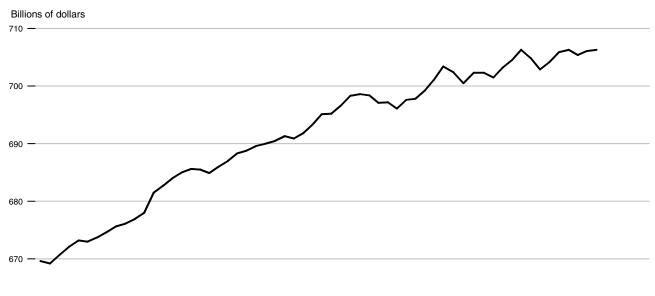


#### **Exchange Rates**



#### **Currency Component of M1**

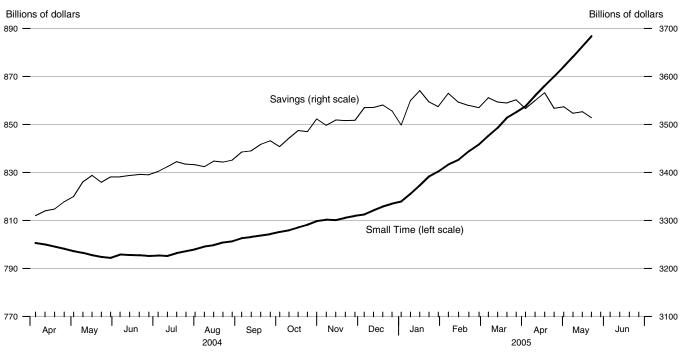
Averages of Daily Figures, Seasonally Adjusted





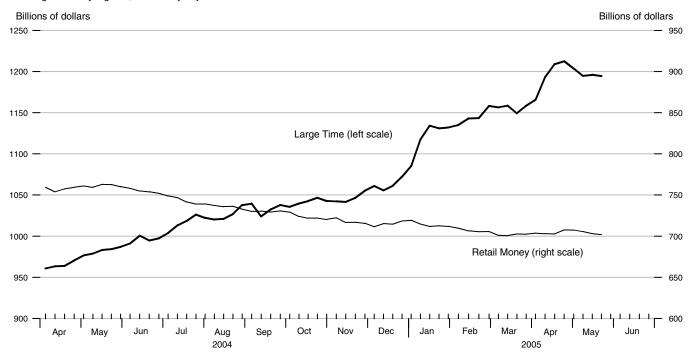
# **Savings and Small Time Deposits**

Averages of Daily Figures, Seasonally Adjusted

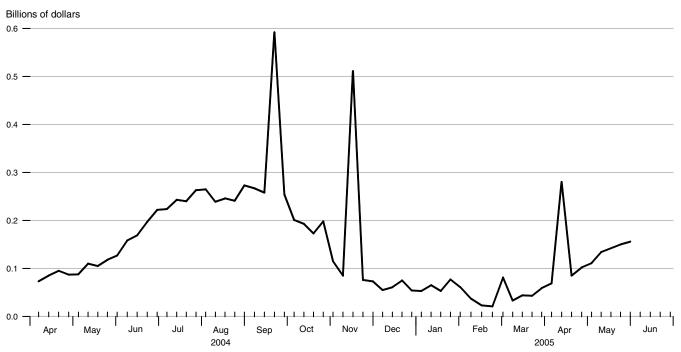


## **Large Time Deposits and Retail Money Funds**

Averages of Daily Figures, Seasonally Adjusted

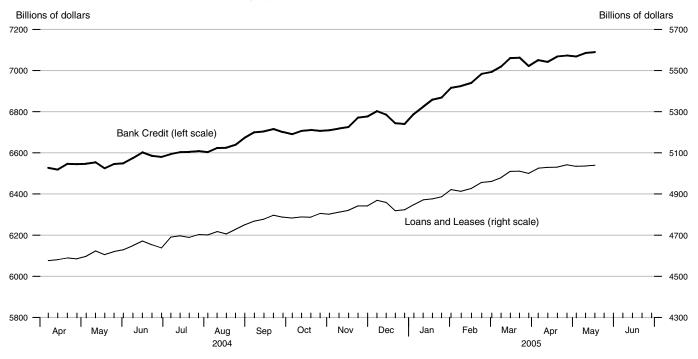


## **Total Borrowings from Federal Reserve Banks**



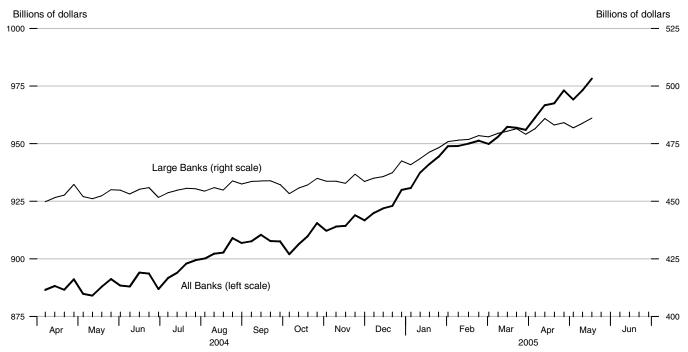
#### **Bank Loans and Credit**

All Commercial Banks in the United States, Seasonally Adjusted



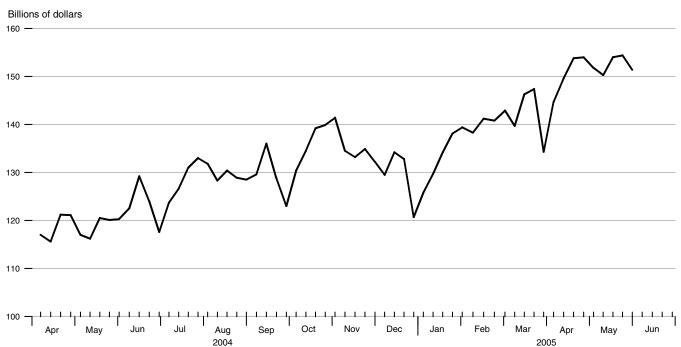
#### **Commercial and Industrial Loans**

Seasonally Adjusted



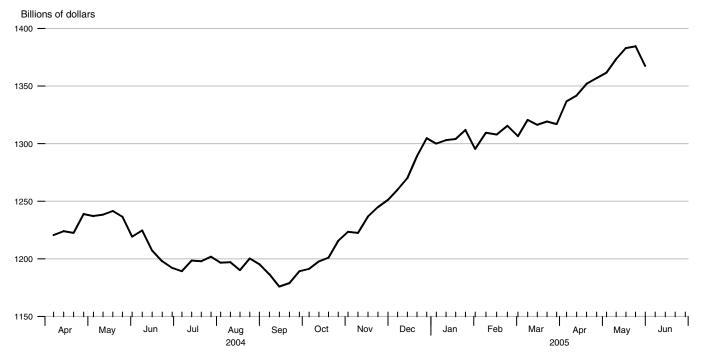
# **Commercial Paper of Nonfinancial Companies**





# **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
Mar	11	2.61	2.93	4.02	5.35	5.97	4.57	2.50	2.70	3.66	4.11	4.45	4.84
	18	2.68	2.99	4.10	5.40	6.05	4.56	2.55	2.74	3.73	4.18	4.51	4.91
	25	2.74	3.02	4.20	5.48	6.17	4.63	2.71	2.80	3.83	4.27	4.59	4.98
Apr	1	2.74	3.05	4.25	5.44	6.17	4.61	2.77	2.76	3.84	4.24	4.55	4.93
	8	2.74	3.06	4.15	5.43	6.13	4.56	2.81	2.73	3.74	4.13	4.48	4.87
	15	2.81	3.08	4.10	5.36	6.08	4.49	2.76	2.72	3.65	4.02	4.37	4.79
	22	2.89	3.10	3.95	5.27	6.01	4.42	2.78	2.84	3.57	3.90	4.26	4.68
	29	2.93	3.14	4.01	5.23	5.97	4.37	2.74	2.85	3.64	3.91	4.24	4.64
May	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*	2.99	3.29	3.86	4.98	5.86		3.02	2.92	3.55	3.70	3.96	4.36

<sup>\*</sup>Averages of rates available

# **Money Stock and Components**

Billions of dollars, seasonally adjusted

		M2	MZM	Currency	Small Time	Savings	Large Time	Retail Money
Apr	11	6455.8	6639.0	702.9	862.0	3549.8	1193.2	703.0
	18	6486.1	6669.6	704.2	866.1	3565.9	1209.0	702.8
	25	6478.9	6658.0	705.9	870.0	3533.7	1212.6	707.5
May	2	6476.9	6650.8	706.3	874.1	3537.0	1203.7	707.4
	9	6467.8	6629.6	705.4	878.2	3523.5	1194.9	705.5
	16	6460.3	6615.0	706.1	882.5	3526.8	1196.2	703.1
	23	6472.4	6625.1	706.3	886.8	3514.4	1194.7	702.1

## **Reserves and Base**

Billions of dollars, seasonally adjusted

		Adjusted Monetary Base	Adjusted Reserves
Mar	2	803.661	96.080
	16	798.599	93.801
	30	804.285	95.823
Apr	13	798.771	93.721
	27	803.453	95.215
May	11	800.707	94.337
	25	803.208	95.737

#### **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
Apr	20	7069.1	5030.8	967.6	483.1	153.8	0.085
	27	7073.4	5042.2	973.1	484.1	154.0	0.102
May	4	7069.1	5034.8	969.2	481.9	151.8	0.111
	11	7086.1	5036.3	973.2	483.9	150.3	0.134
	18	7090.3	5039.8	978.2	486.1	154.0	0.142
	25	-				154.4	0.150
Jun	1					151.4	0.156

# **Exchange Rates**

		Major Exchange Rate Index	Broad Exchange Rate Index	Exchange Rate: Euro/\$	Exchange Rate: Yen/\$
Apr	22	81.9	109.6	0.766	106.8
	29	82.2	109.7	0.773	105.7
May	6	82.3	109.6	0.776	104.9
	13	82.8	110.1	0.783	106.1
	20	83.9	110.9	0.792	107.4
	27	84.1	111.0	0.796	107.8
Jun	3*	84.7	111.4	0.814	108.2

<sup>\*</sup>Averages of rates available

# **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 inflation-indexed 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.

#### U.S. Financial Data

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/.