

April 14, 2005 Advance Edition



# Calendar of Releases

	Titles for the current	week are links to their	respective releases.	
MONDAY*	TUESDAY	WEDNESDAY	THURSDAY*	FRIDAY
April 11	April 12 International Trade (Feb) A: -\$61.0B P: -\$59.0B Treasury Budget (Mar) A: -\$71.2B P: -\$68.0B FOMC Minutes (previous meeting)	April 13 Retail Sales (Mar) A: 0.3% P: 0.8%	April 14   Initial Claims (4/9)   A: 330K P: 330K   Business Inventories (Feb)   A: 0.5% P: 0.5%	April 15 Import Prices (Mar) A: N/A P: 1.5% Industrial Production (Mar) A: N/A P: 0.3% Capacity Utilization (Mar) A: N/A P: 79.6%
April 18	April 19Housing Starts (Mar)F: N/AP: 2.10MBuilding Permits (Mar)F: N/AP: 2.09MPPI (Mar)F: N/AP: 0.6%Latest issue:Monetary Trends	April 20 CPI (Mar) F: N/A P: 0.4% Current Economic Conditions (Beige Book)	April 21 Initial Claims (4/16) F: N/A P: 330K Leading Indicators (Mar) F: N/A P: -0.2%	April 22
April 25 Existing Home Sales (Mar) F: N/A Latest issue: Internat'l Economic Trends	April 26 New Home Sales (Mar) F: N/A Consumer Conf (Apr) F: N/A	April 27 Durable Goods (Mar) F: N/A	April 28 Initial Claims (4/23) F: N/A GDP (Q1) F: N/A Help Wanted Index (Mar)	April 29 Personal Income (Mar) F: N/A Consumption (Mar) F: N/A ECI (Q1) 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

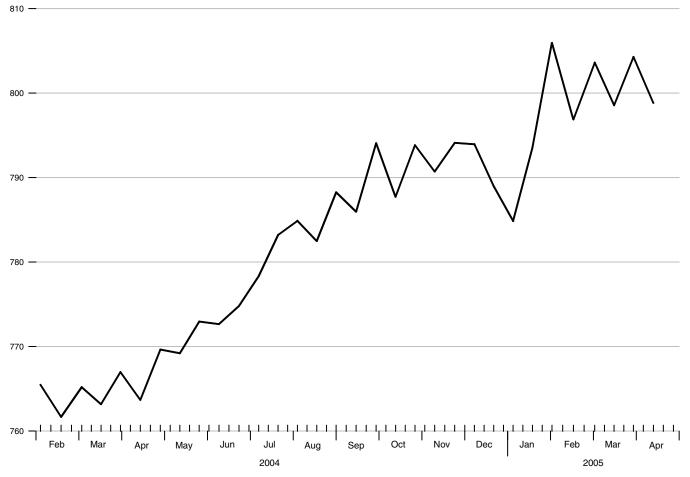
or to:

stlsFRED@stls.frb.org

#### **Adjusted Monetary Base**

Averages of Daily Figures, Seasonally Adjusted

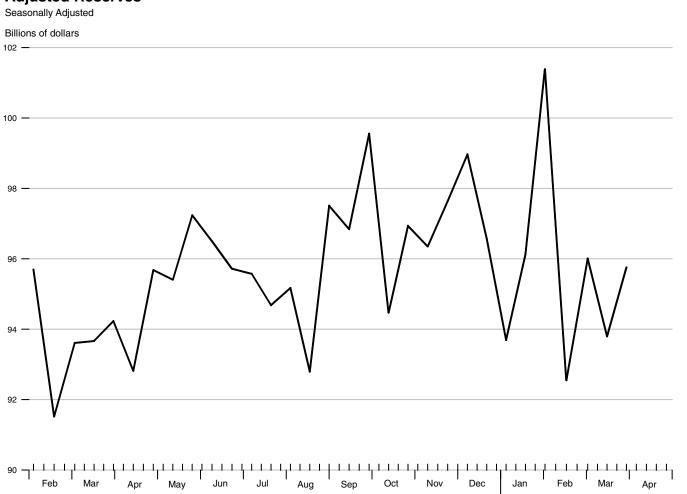
Billions of dollars



## **Adjusted Monetary Base**

To the average of	Compounded annual rates of change, average of two maintenance periods ending:										
two maintenance periods ending:	04/14/04	07/07/04	09/15/04	10/13/04	11/10/04	12/08/04	01/19/05	02/16/05			
09/15/04	6.9										
10/13/04	6.8	7.0									
11/10/04	6.2	6.0	4.3								
12/08/04	5.8	5.4	3.9	2.6							
01/19/05	4.1	3.0	0.8	-0.8	-2.0						
02/16/05	5.6	5.3	4.4	3.9	4.4	4.9					
03/16/05	5.1	4.6	3.6	3.1	3.2	3.3	10.2				
04/13/05	4.7	4.2	3.2	2.7	2.8	2.8	7.0	0.1			

#### **Adjusted Reserves**



## **Adjusted Reserves**

To the average of	Compounded annual rates of change, average of two maintenance periods ending:										
two maintenance periods ending:	03/31/04	06/23/04	09/01/04	09/29/04	10/27/04	11/24/04	01/05/05	02/02/05			
09/01/04	3.1										
09/29/04	9.3	8.3									
10/27/04	3.3	-1.2	3.8								
11/24/04	5.0	2.2	8.7	-7.7							
01/05/05	1.6	-1.9	-0.1	-11.1	-3.1						
02/02/05	6.1	4.5	9.2	1.7	12.4	9.8					
03/02/05	0.4	-2.7	-1.8	-9.2	-4.2	-10.0	-5.7				
03/30/05	0.9	-1.8	-0.7	-6.9	-2.3	-6.5	-1.6	-23.5			

2004

2005

### MZM

Averages of Daily Figures, Seasonally Adjusted



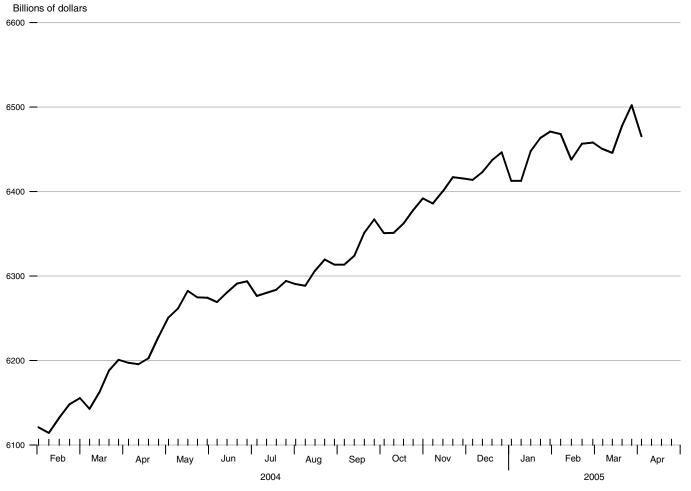
6300 — <sup>I</sup>	Feb	Mar	Apr	May	Jun	Jul	LLLL Aug	IIII Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
						2004							200	05	

MZM

To the average	Compounded annual rates of change, average of four weeks ending:											
of four weeks ending:	04/05/04	06/28/04	09/06/04	10/04/04	11/01/04	11/29/04	01/10/05	02/07/05				
09/06/04	4.1											
10/04/04	4.5	1.8										
11/01/04	3.7	1.1	2.4									
11/29/04	3.8	1.8	3.2	1.7								
01/10/05	3.6	1.9	2.9	2.0	3.3							
02/07/05	3.3	1.7	2.4	1.6	2.4	1.5						
03/07/05	2.5	0.8	1.0	0.1	0.5	-0.7	-3.0					
04/04/05	2.4	0.8	1.1	0.3	0.6	-0.3	-1.6	-2.5				

#### М2

Averages of Daily Figures, Seasonally Adjusted

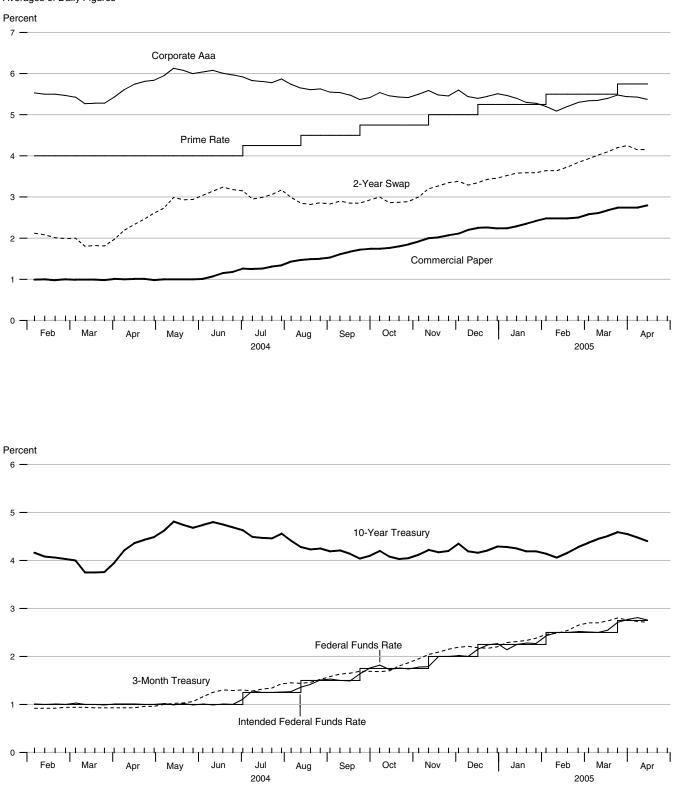


М2

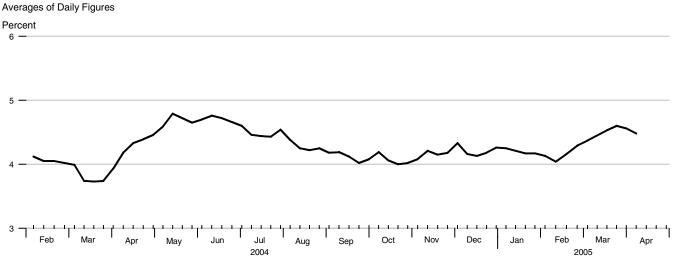
To the average of four weeks	Compounded annual rates of change, average of four weeks ending:											
ending:	04/05/04	06/28/04	09/06/04	10/04/04	11/01/04	11/29/04	01/10/05	02/07/05				
09/06/04	4.9											
10/04/04	5.3	3.9										
11/01/04	5.2	4.1	6.1									
11/29/04	5.4	4.6	6.4	5.9								
01/10/05	5.1	4.3	5.3	4.7	4.7							
02/07/05	5.3	4.7	5.7	5.3	5.5	4.8						
03/07/05	4.6	3.9	4.4	3.9	3.7	2.7	2.4					
04/04/05	4.6	3.9	4.4	4.0	3.8	3.1	3.1	1.0				

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

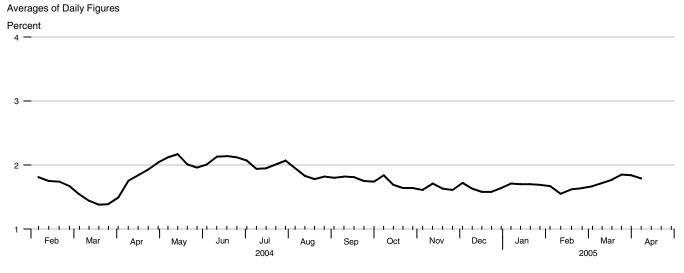
Averages of Daily Figures



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

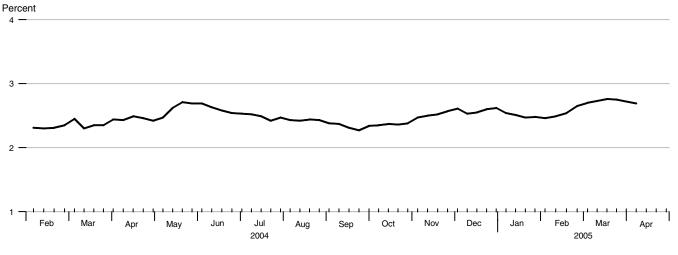


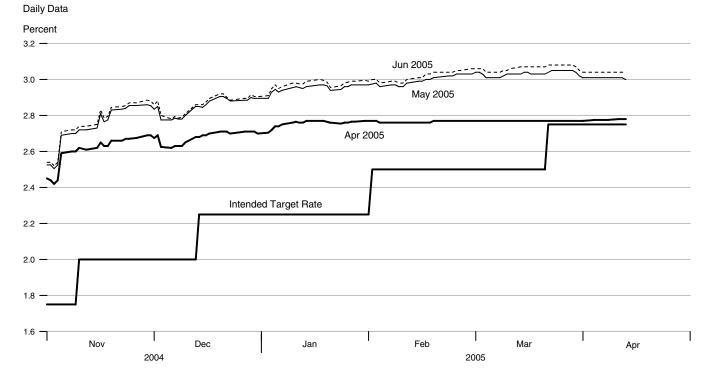
**10-Year Inflation-Indexed Treasury Yield** 



## 10-Year Inflation-Indexed Treasury Yield Spread

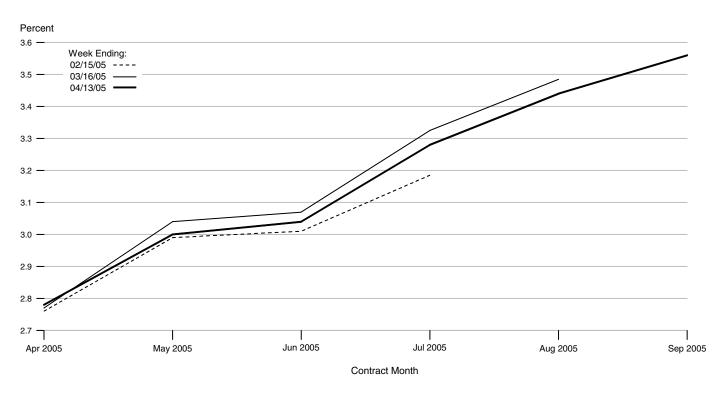
#### Averages of Daily Figures



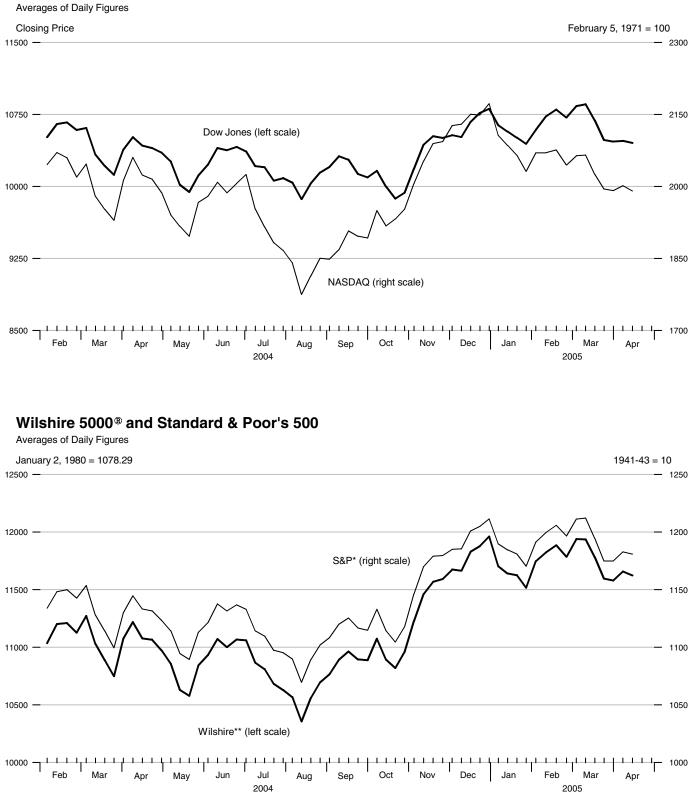


## **Rates on Federal Funds Futures Contracts**

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



#### Dow Jones Industrial Average and NASDAQ Composite®

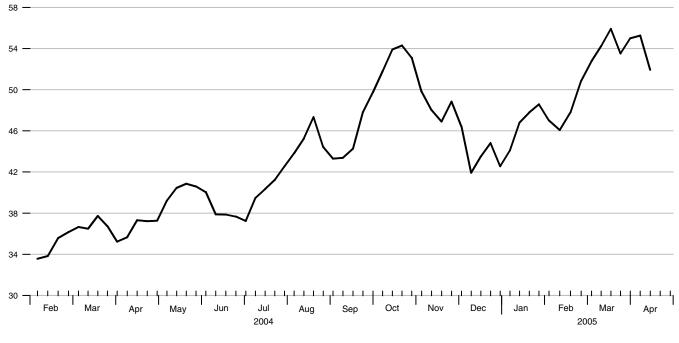


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## **Crude Oil Spot Prices**

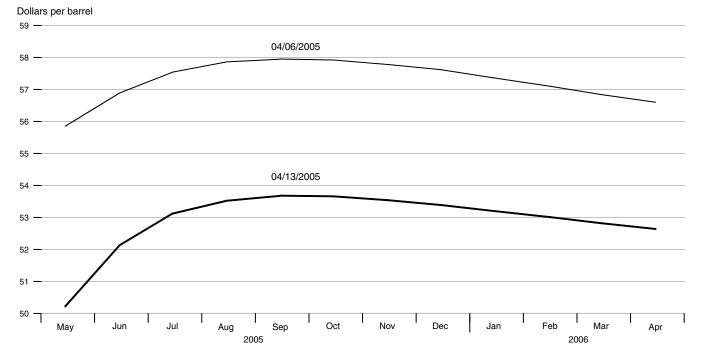
West Texas Intermediate, Averages of Daily Figures

#### Dollars per barrel



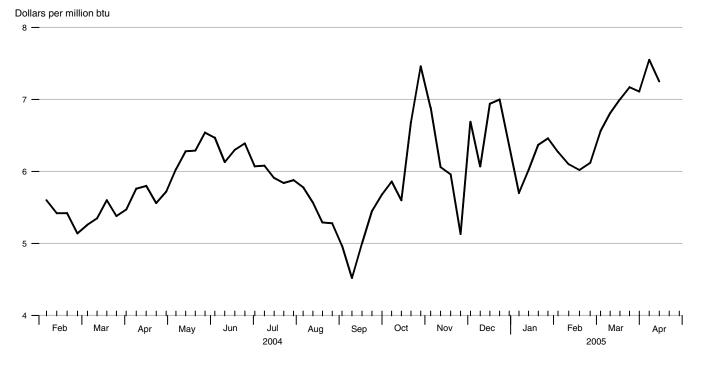
**Crude Oil Futures Prices** 

West Texas Intermediate



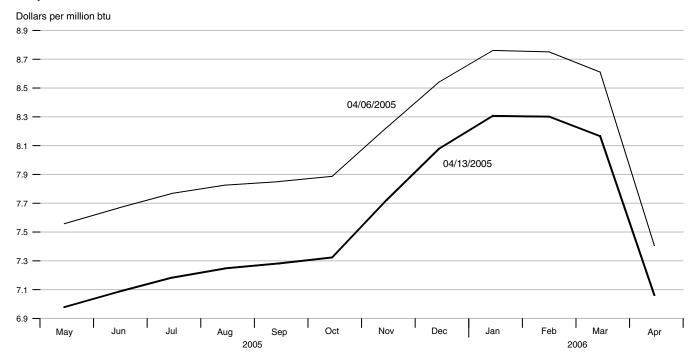
#### **Natural Gas Spot Prices**

Henry Hub, Averages of Daily Figures

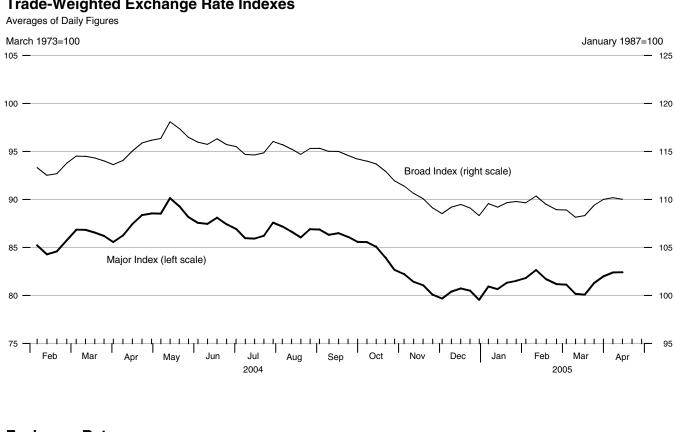


## **Natural Gas Futures Prices**

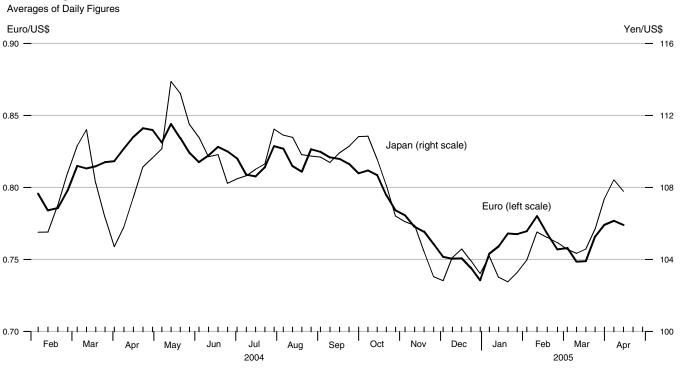
Henry Hub



## **Trade-Weighted Exchange Rate Indexes**

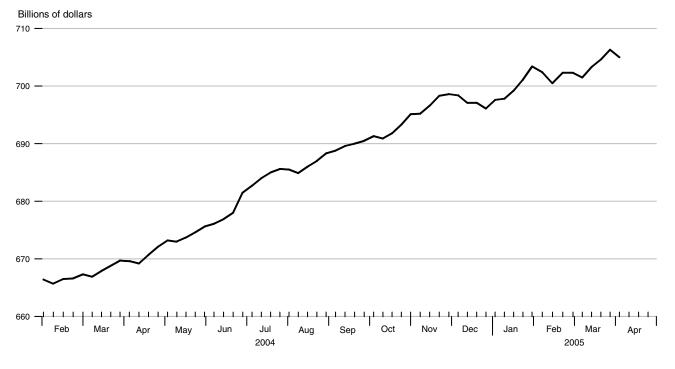


**Exchange Rates** 

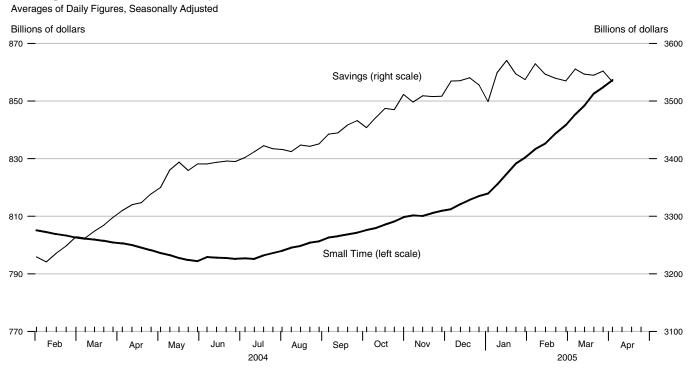


## **Currency Component of M1**

Averages of Daily Figures, Seasonally Adjusted

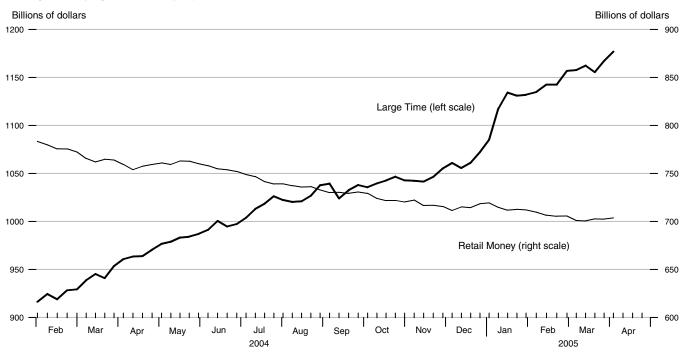


#### **Savings and Small Time Deposits**



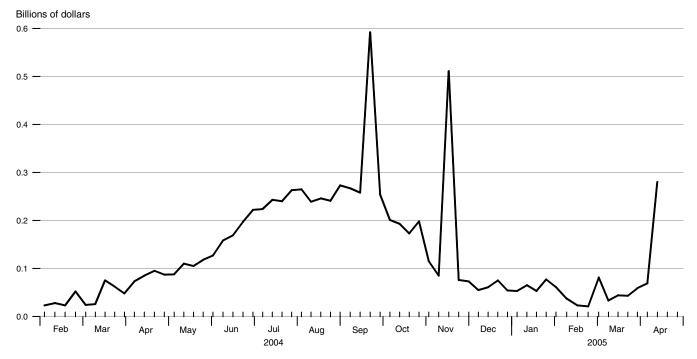
#### Large Time Deposits and Retail Money Funds

Averages of Daily Figures, Seasonally Adjusted



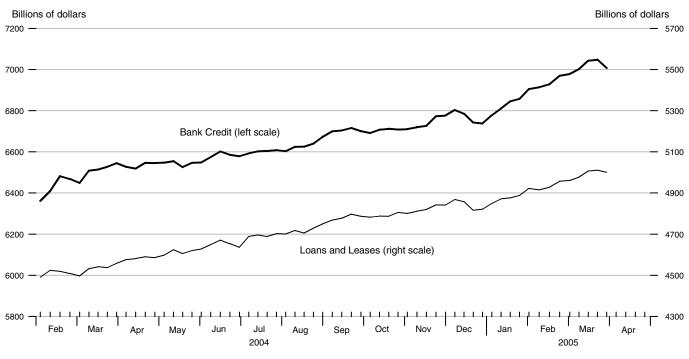
### **Total Borrowings from Federal Reserve Banks**

Averages of Daily Figures



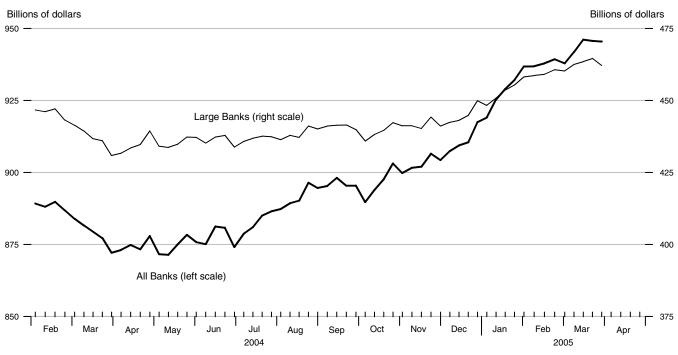
#### **Bank Loans and Credit**





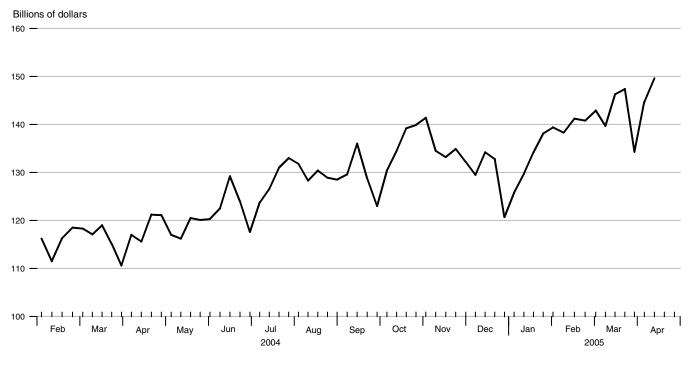
## **Commercial and Industrial Loans**

Seasonally Adjusted



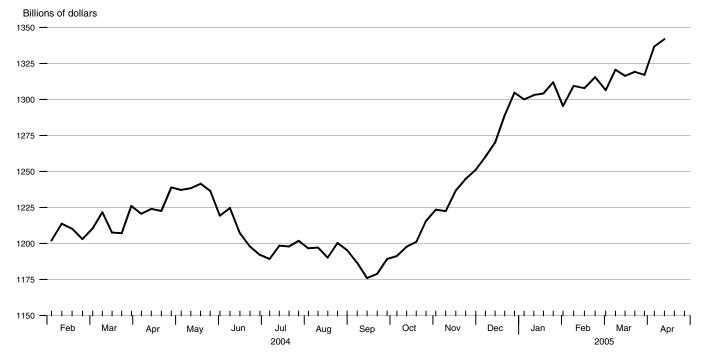
## **Commercial Paper of Nonfinancial Companies**

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
Jan	21	2.35	2.64	3.59	5.30	5.97	4.40	2.28	2.33	3.22	3.70	4.19	4.71
	28	2.42	2.67	3.59	5.28	5.95	4.37	2.27	2.38	3.25	3.71	4.19	4.70
Feb	4	2.48	2.72	3.64	5.20	5.86	4.37	2.43	2.46	3.31	3.72	4.14	4.62
	11	2.48	2.74	3.64	5.09	5.71	4.27	2.50	2.48	3.30	3.66	4.06	4.49
	18	2.48	2.77	3.73	5.20	5.79	4.35	2.50	2.54	3.40	3.77	4.16	4.61
	25	2.50	2.83	3.84	5.30	5.91	4.42	2.52	2.65	3.50	3.89	4.28	4.74
Mar	4	2.58	2.89	3.93	5.34	5.95	4.50	2.51	2.70	3.58	4.00	4.37	4.79
	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 *	2.80	3.08	4.16	5.38	6.08	.	2.76	2.71	3.71	4.07	4.40	4.81

\*Averages of rates available

## **Money Stock and Components**

Billions of dollars, seasonally adjusted

		M2	MZM	Currency	Small Time	Savings	Large Time	Retail Money
Feb	21	6456.7	6659.3	702.3	838.8	3539.6	1142.5	705.4
	28	6458.2	6656.0	702.3	841.7	3535.2	1156.8	705.6
Mar	7	6450.4	6643.0	701.5	845.4	3555.7	1157.8	701.0
	14	6445.9	6630.2	703.3	848.5	3546.8	1162.4	700.6
	21	6477.7	6651.5	704.6	852.6	3545.0	1155.6	702.7
	28	6502.2	6683.6	706.3	854.8	3552.2	1167.2	702.4
Apr	4	6465.5	6656.7	705.0	857.3	3534.0	1176.9	703.6

#### **Reserves and Base**

Billions of dollars, seasonally adjusted

		,	
		Adjusted Monetary Base	Adjusted Reserves
Jan	19	793.563	96.126
Feb	2	805.939	101.39
	16	796.894	92.550
Mar	2	803.612	96.008
	16	798.564	93.794
	30	804.289	95.754
Apr	13	798.840	
			l

## **Bank Loans and Credit**

Billions of dollars, seasonally adjusted

		Bank Credit	Loans and Leases	C&I Loans	C&I Loans	Comm. Paper	Total Borrowings
		Oredit	Leases	(All)	(Large)	(nsa)	Borrowings
Mar	2	6978.9	4961.3	937.9	460.3	142.9	0.081
	9	7002.4	4977.6	941.8	462.5	139.7	0.033
	16	7043.0	5006.9	946.1	463.5	146.3	0.044
	23	7048.4	5011.2	945.7	464.6	147.4	0.043
	30	7008.0	5001.1	945.5	462.2	134.3	0.059
Apr	6					144.7	0.069
	13		.			149.6	0.280

## **Exchange Rates**

		Major Exchange Rate Index	Broad Exchange Rate Index	Exchange Rate: Euro/\$	Exchange Rate: Yen/\$
Mar	4	81.1	108.9	0.758	104.6
	11	80.2	108.2	0.748	104.3
	18	80.1	108.3	0.749	104.6
	25	81.3	109.4	0.766	105.7
Apr	1	82.0	110.0	0.774	107.4
	8	82.4	110.2	0.777	108.4
	15 *	82.4	110.0	0.774	107.8
*Avera	ages o	f rates avail	able		

# 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<sup>®</sup>.
- 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<sup>®</sup>.

# 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/.