



# Calendar of Releases

Titles for the current week are links to their respective releases.								
MONDAY*	TUESDAY	WEDNESDAY	THURSDAY*	FRIDAY				
April 14  Retail Sales (Mar) A: 0.2% PF: 0.0%  Business Inventories (Feb) A: 0.6% PF: 0.6%  Core PPI (Mar) A: 0.2% PF: 0.2%  Latest Issue  Monetary Trends		April 16 CPI (Mar) A: 0.3% PF: 0.3% Core CPI (Mar) A: 0.2% PF: 0.2% Housing Starts (Mar) A: 947K PF: 1018K Industrial Production (Mar) A: 0.3% PF: -0.1% Current Economic Conditions (Beige Book)	April 17 Initial Claims (4/12) A: 372K PF: 375K	April 18				
April 21	April 22 Existing Home Sales (Mar) CF: N/A PF: 4.95M	April 23	April 24  Initial Claims (4/19) CF: N/A PF: 378K  New Home Sales (Mar) CF: N/A PF: 580K  Durable Goods (Mar) CF: N/A PF: 0.7%	April 25				
April 28  Latest Issue Internat'l Economic Trends	April 29	April 30 GDP (Q1) CF: N/A ECI (Q1) CF: N/A FOMC Meeting Statement	May 1 Initial Claims (4/26) CF: N/A ISM Index (Apr) CF: N/A Consumption (Mar) CF: N/A Core PCE (Mar) CF: N/A Latest Issue Review	May 2  Nonfarm Payrolls (Apr) CF: N/A  Unemployment Rate (Apr) CF: N/A  Factory Orders (Mar) CF: N/A  Latest Issue National Economic Trends				

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

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<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.

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# Conventions used in this publication:

- 1. Unless otherwise indicated, figure and table data are weekly and seasonally adjusted.
- 2. For pages 7, 10, 11 (top chart), 12 (top chart), 13, and 19 (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:

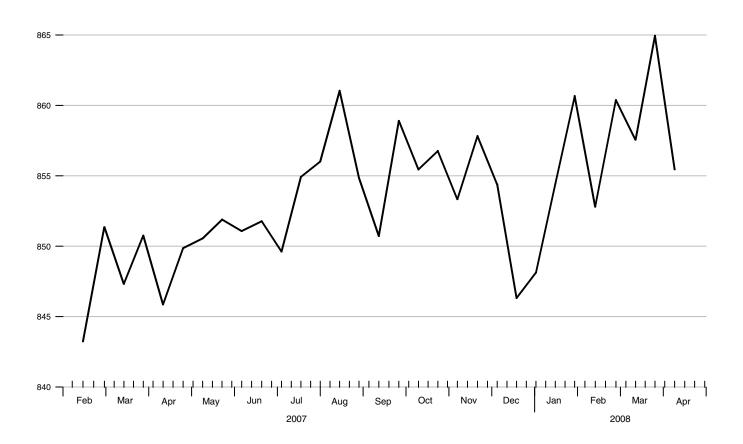
stlsFRED@stls.frb.org

## **Adjusted Monetary Base**

Averages of Daily Figures, Seasonally Adjusted

Billions of dollars

870 **—** 



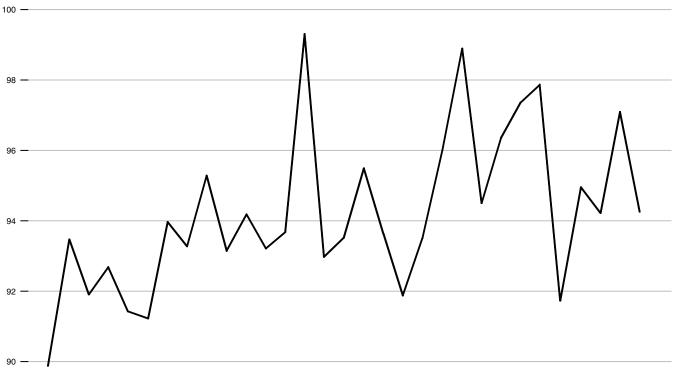
# **Adjusted Monetary Base**

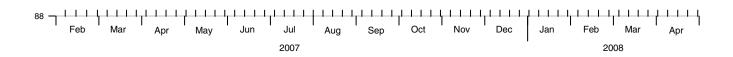
To the average of	(	Compounded a	nnual rates of o	change, averag	e of two mainte	nance periods	ending:	
two maintenance periods ending:	04/11/07	07/04/07	09/12/07	10/10/07	11/07/07	12/05/07	01/16/08	02/13/08
09/12/07	1.3							
10/10/07	2.1	2.9						
11/07/07	1.4	1.5	1.7					
12/05/07	1.4	1.5	1.7	-0.8				
01/16/08	0.5	0.1	-0.5	-2.5	-2.3			
02/13/08	1.2	1.2	1.1	-0.1	0.7	0.4		
03/12/08	1.4	1.4	1.5	0.5	1.3	1.2	6.0	
04/09/08	1.4	1.5	1.5	0.7	1.4	1.4	4.6	2.7

## **Adjusted Reserves**

Seasonally Adjusted







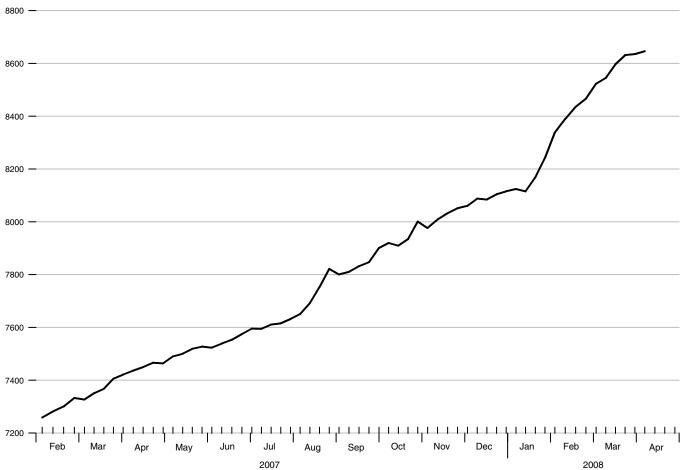
# **Adjusted Reserves**

To the average of	(	Compounded a	nnual rates of o	change, averag	e of two mainte	nance periods	ending:	
two maintenance periods ending:	04/11/07	07/04/07	09/12/07	10/10/07	11/07/07	12/05/07	01/16/08	02/13/08
09/12/07	3.1							
10/10/07	5.5	3.6						
11/07/07	1.2	-3.0	-3.8					
12/05/07	9.1	9.8	21.1	21.6				
01/16/08	6.8	6.4	11.6	9.3	25.7			
02/13/08	3.5	2.0	4.0	0.7	8.7	-13.4		
03/12/08	3.0	1.4	2.9	0.1	6.0	-10.5	-14.3	
04/09/08	3.9	2.8	4.6	2.4	7.8	-5.2	-5.2	6.2

#### MZM







## MZM

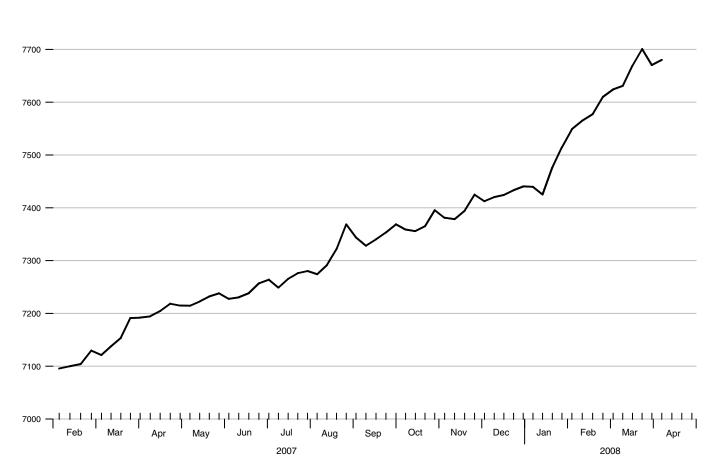
To the average		Compou	nded annual ra	tes of change,	average of four	weeks ending:	:	
of four weeks ending:	04/09/07	07/02/07	09/10/07	10/08/07	11/05/07	12/03/07	01/14/08	02/11/08
09/10/07	12.8							
10/08/07	13.0	16.1						
11/05/07	13.2	15.6	14.0					
12/03/07	13.3	15.4	14.2	14.3				
01/14/08	12.6	13.9	12.3	11.8	10.9			
02/11/08	14.1	15.9	15.4	15.8	16.2	17.0		
03/10/08	16.0	18.2	18.7	19.5	20.8	22.7	34.4	
04/07/08	16.5	18.6	19.2	20.0	21.1	22.7	30.4	30.2



Averages of Daily Figures, Seasonally Adjusted

Billions of dollars



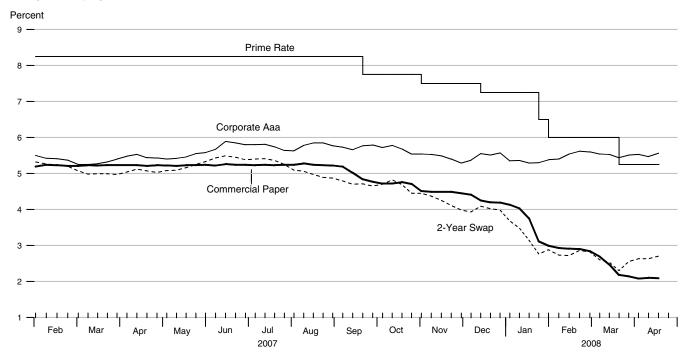


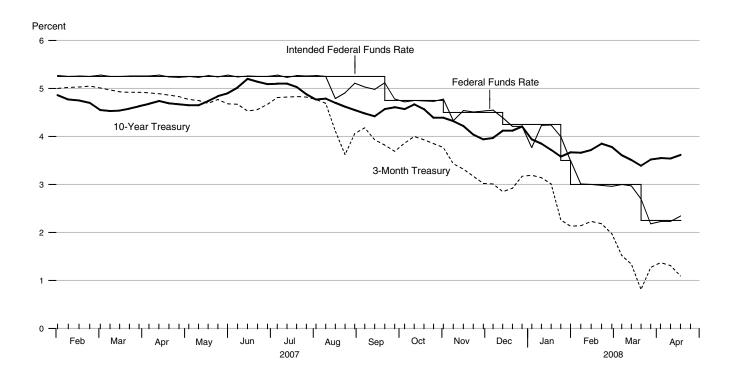
#### **M2**

Compounded annual rates of change, average of four weeks ending:							
02/11/08							
14.1							

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

Averages of Daily Figures

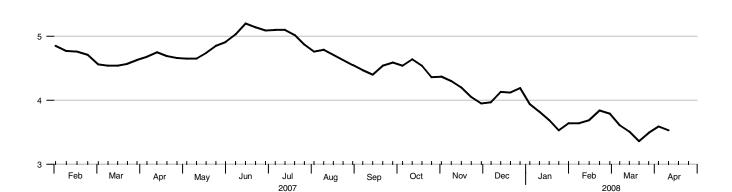




## **10-Year Treasury Note Yield**

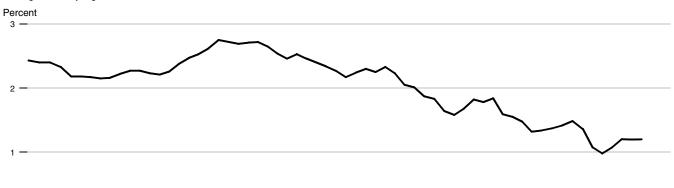
Averages of Daily Figures





## 10-Year Inflation-Indexed Treasury Yield

Averages of Daily Figures

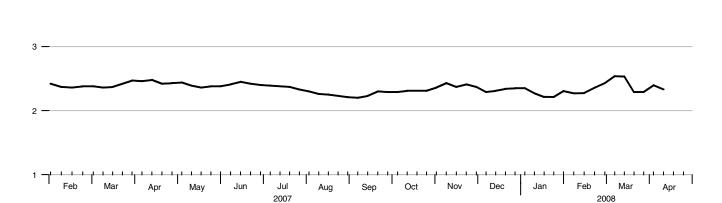




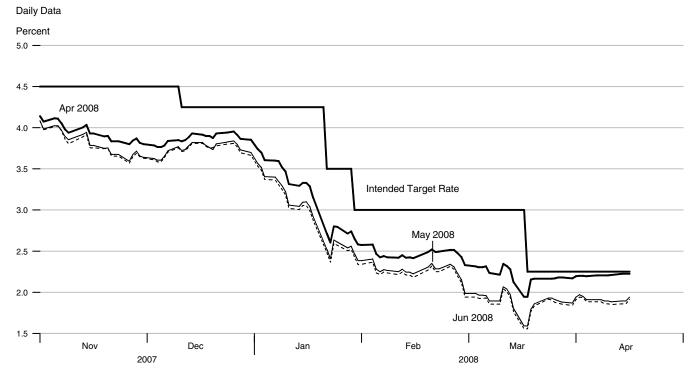
#### 10-Year Inflation-Indexed Treasury Yield Spread

Averages of Daily Figures

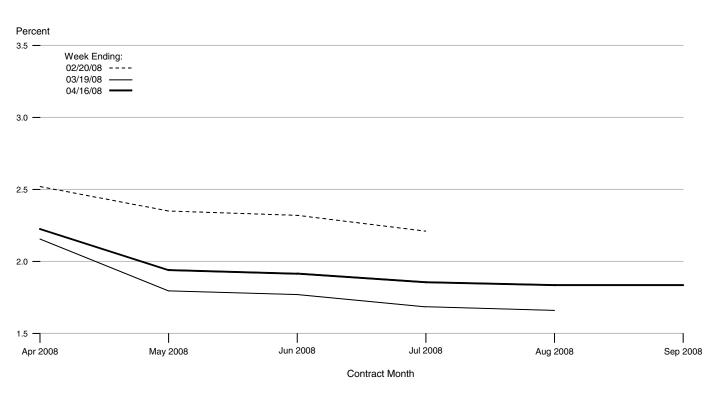
Percent



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

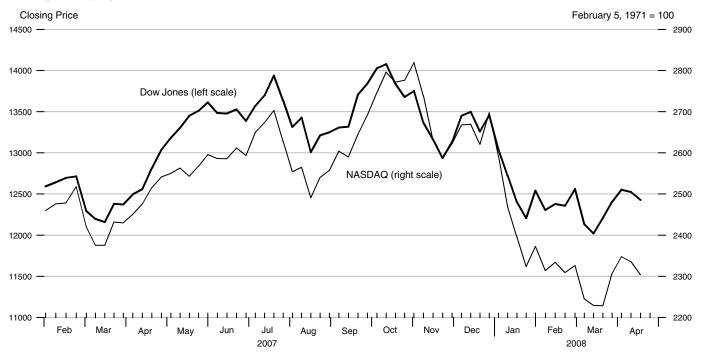


## **Rates on Federal Funds Futures on Selected Dates**



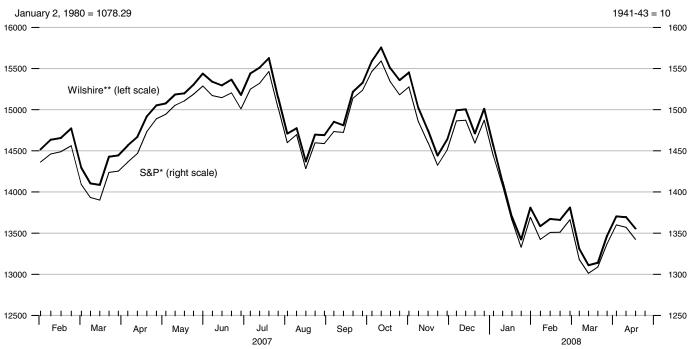
## Dow Jones Industrial Average and NASDAQ Composite®

Averages of Daily Figures



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

Averages of Daily Figures

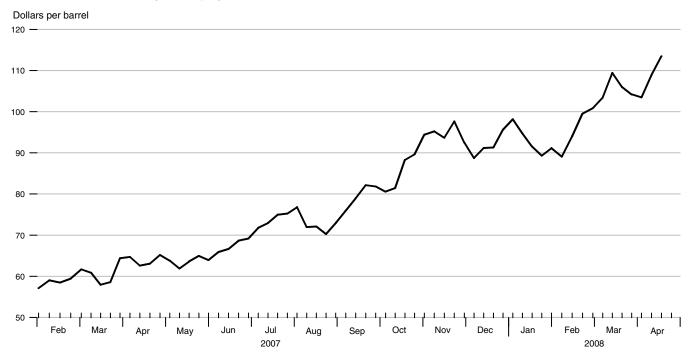


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<sup>\*\*</sup>Source: Wilshire Associates Incorporated, www.wilshire.com

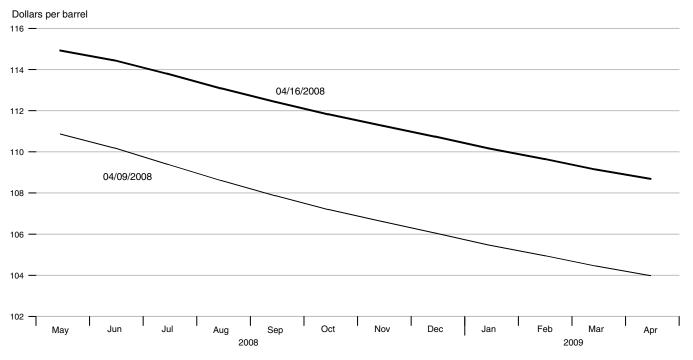
# **Crude Oil Spot Prices**

West Texas Intermediate, Averages of Daily Figures



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

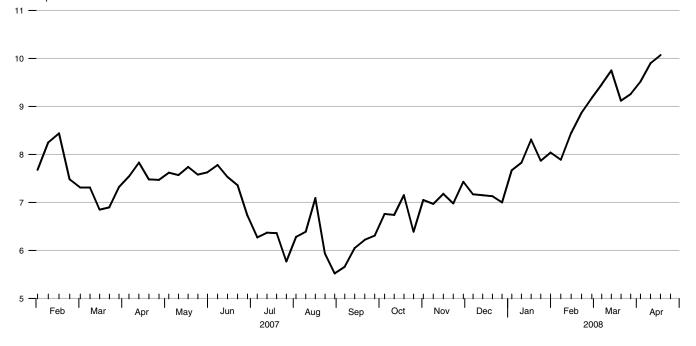
West Texas Intermediate



## **Natural Gas Spot Prices**

Henry Hub, Averages of Daily Figures

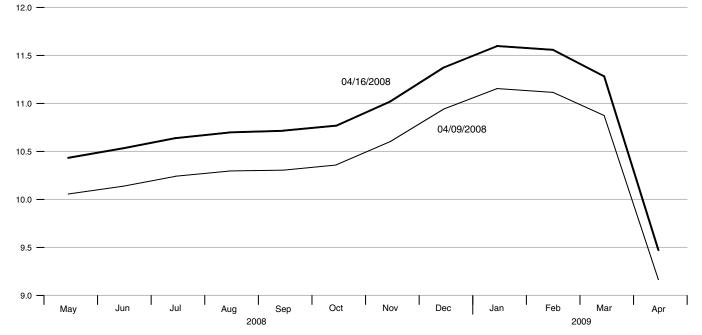
Dollars per million btu



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

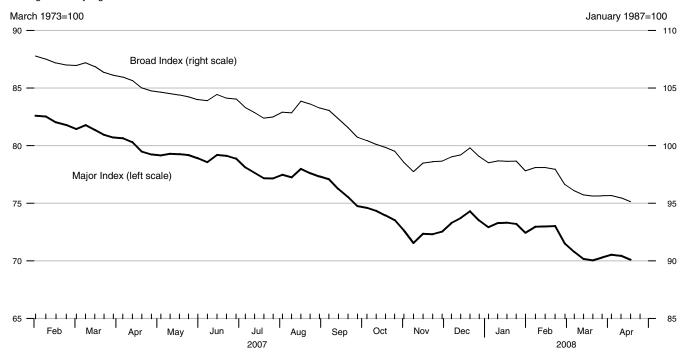
Henry Hub

Dollars per million btu



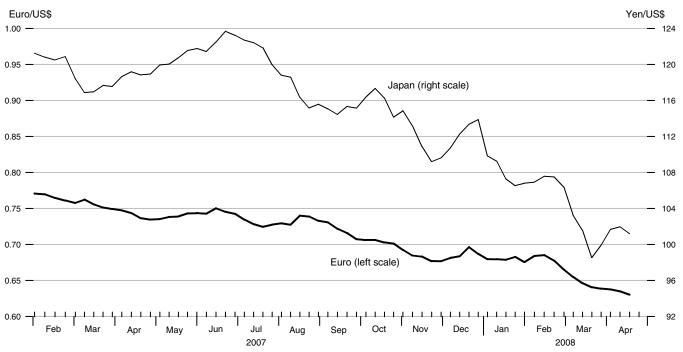
## **Trade-Weighted Exchange Rate Indexes**





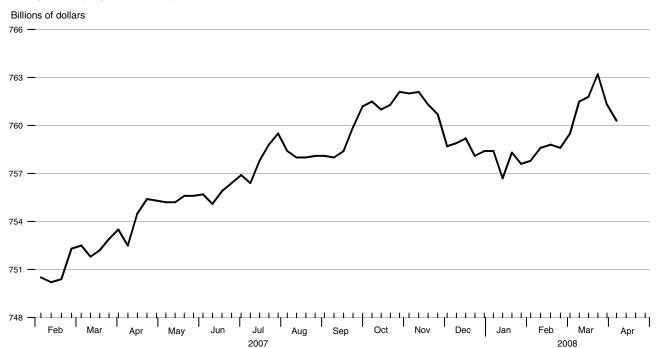
### **Exchange Rates**

#### Averages of Daily Figures



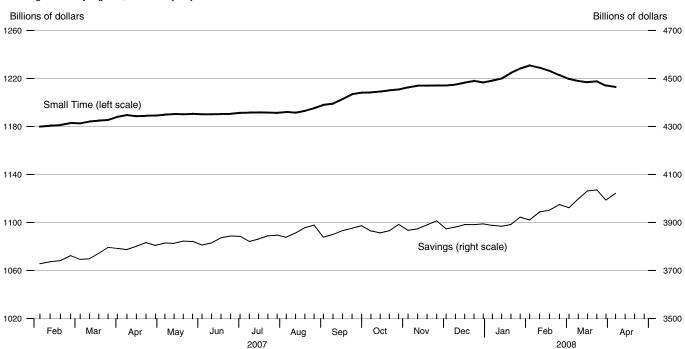
## **Currency Component of M1**

Averages of Daily Figures, Seasonally Adjusted



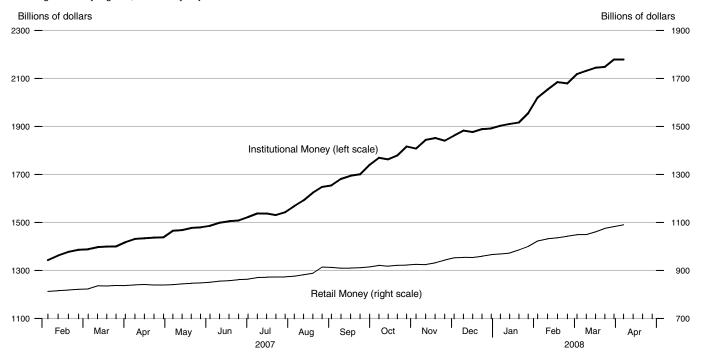
# **Savings and Small Time Deposits**

Averages of Daily Figures, Seasonally Adjusted



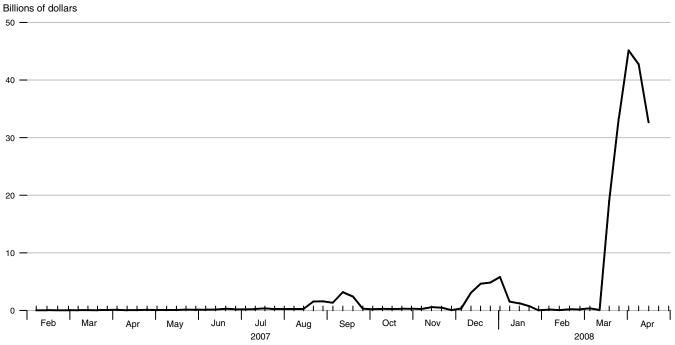
## **Institutional and Retail Money Funds**

Averages of Daily Figures, Seasonally Adjusted



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

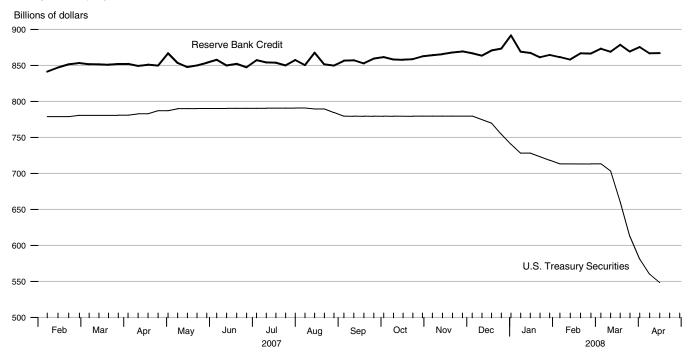
Averages of Daily Figures



Note: Total borrowings include loans to depository institutions for primary, secondary, and seasonal credit, primary dealer credit facility, and other credit extensions, but exclude term auction credit.

# Reserve Bank Credit and Federal Reserve Holdings of U.S. Treasury Securities

Averages of Daily Figures



#### **Term Auction Credit**

Averages of Daily Figures

Billions of dollars

120 —

100 —

80 —

60 —

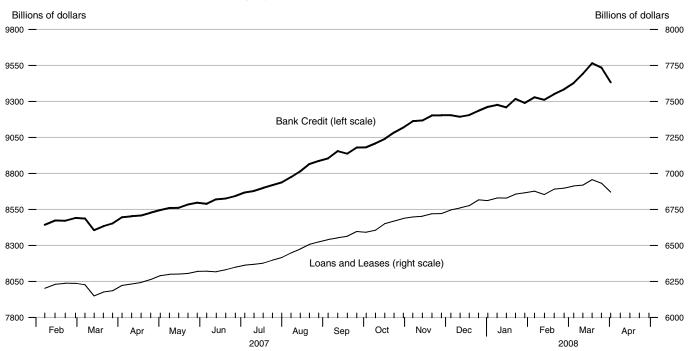
40 —

20 —

Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr 2007

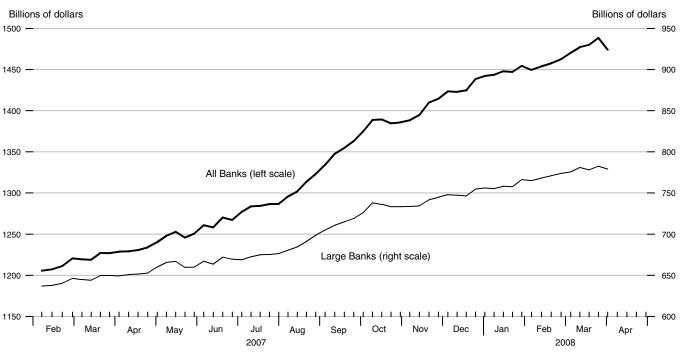
#### **Bank Loans and Credit**

All Commercial Banks in the United States, Seasonally Adjusted



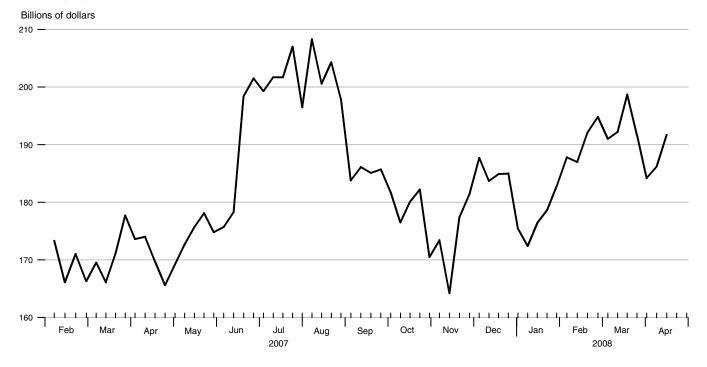
## **Commercial and Industrial Loans**

Seasonally Adjusted



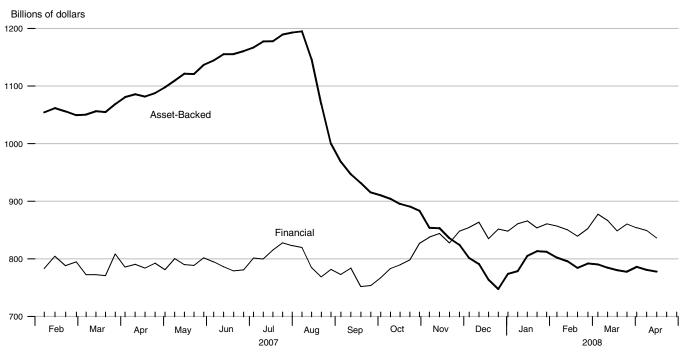
# **Commercial Paper of Nonfinancial Companies**

Seasonally Adjusted



# **Commercial Paper: Financial and Asset-Backed**

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	30-Year Treasury Securities
Jan	25	3.11	3.29	2.76	5.30	6.54	4.29	4.00	2.26	2.16	2.74	3.58	4.28
Feb	1	2.99	3.13	2.88	5.38	6.63	4.39	3.50	2.13	2.21	2.84	3.67	4.35
	8	2.93	3.07	2.73	5.40	6.69	4.33	3.01	2.14	1.98	2.72	3.66	4.40
	15	2.91	3.06	2.72	5.54	6.83	4.47	3.00	2.23	1.92	2.73	3.72	4.53
	22	2.90	3.06	2.86	5.62	6.93	4.66	2.98	2.18	2.04	2.89	3.85	4.61
	29	2.84	3.06	2.82	5.60	6.91	5.11	2.96	1.97	1.94	2.80	3.78	4.59
Mar	7	2.69	2.94	2.60	5.54	6.89	4.92	3.00	1.52	1.60	2.51	3.61	4.53
	14	2.47	2.81	2.53	5.53	6.91	4.94	2.97	1.34	1.59	2.47	3.51	4.44
	21	2.18	2.62	2.30	5.44	6.82	4.88	2.70	0.81	1.52	2.34	3.39	4.26
	28	2.14	2.74	2.55	5.51	6.93	4.96	2.18	1.27	1.75	2.58	3.52	4.33
Apr	4	2.08	2.80	2.63	5.53	6.96	4.90	2.23	1.37	1.81	2.64	3.55	4.36
	11	2.10	2.75	2.63	5.47	6.91	4.61	2.23	1.31	1.84	2.66	3.54	4.34
	18 *	2.09	2.77	2.70	5.56	7.01		2.34	1.09	1.87	2.70	3.62	4.44

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

# **Money Stock and Components**

Billions of dollars, seasonally adjusted

		M2	MZM	Currency	Small Time	Savings	Retail Money	Institutional Money
Feb 2	25	7610.2	8466.7	758.6	1222.9	3974.4	1042.4	2079.4
Mar	3	7624.3	8523.1	759.5	1219.6	3961.4	1048.9	2118.4
1	10	7631.1	8545.1	761.5	1217.9	3997.9	1049.4	2131.9
1	17	7669.3	8597.2	761.8	1216.9	4031.3	1060.8	2144.8
2	24	7700.7	8631.5	763.2	1217.6	4035.9	1075.2	2148.4
3	31	7670.4	8635.4	761.3	1214.1	3993.5	1082.7	2179.1
Apr	7	7680.2	8646.5	760.3	1213.0	4021.3	1090.6	2179.3

## **Reserves and Base**

Billions of dollars, seasonally adjusted

		Adjusted Monetary Base	Adjusted Reserves
Jan	16	854.439	97.354
	30	860.664	97.867
Feb	13	852.805	91.732
	27	860.379	94.952
Mar	12	857.567	94.222
	26	864.949	97.094
Apr	9	855.457	94.257

## **Bank Loans and Credit**

Billions of dollars, seasonally adjusted

		Bank Credit	Loans and Leases	C&I Loans (All)	C&I Loans (Large)	Comm. Paper (sa)	Total Borrowings
Mar	5	9428.2	6912.9	1470.4	775.8	191.0	0.358
	12	9492.6	6918.5	1477.4	781.1	192.2	0.103
	19	9565.5	6956.4	1480.2	778.2	198.7	19.049
	26	9535.8	6932.2	1488.5	782.6	191.7	33.481
Apr	2	9433.3	6871.0	1474.3	779.1	184.2	45.139
	9	·		•		186.2	42.761
	16			•		191.7	32.663

# **Exchange Rates**

		Major Exchange Rate Index	Broad Exchange Rate Index	Exchange Rate: Euro/\$	Exchange Rate: Yen/\$
Mar	7	70.8	96.1	0.655	103.2
	14	70.2	95.7	0.646	101.6
	21	70.0	95.6	0.641	98.5
	28	70.3	95.7	0.639	99.9
Apr	4	70.5	95.7	0.637	101.7
	11	70.4	95.5	0.635	102.0
	18 *	70.1	95.1	0.630	101.2

<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 and H.4.1 releases. **Retail Money Funds** are included in M2. **Institutional Money Funds** are not part of M2; they used to be included in M3, which was discontinued as of March 23, 2006. See www.federalreserve.gov/releases/h6/discm3.htm.

As of December 27, 2007, Loans to Depository Institutions on the Fed's Balance Sheet were reclassified as Other Loans. Other Loans included primary, secondary, and seasonal credit. As of March 20, 2008, Other Loans were expanded to include funds advanced through the Primary Credit Dealer Facility and Other Extensions. According to the Federal Reserve: "The latter category includes credit extensions such as the arrangements involving JP Morgan Chase & Co. and The Bear Stearns Companies Inc. that were approved by the Board of Governors on March 14, 2008, and March 16, 2008." See http://www.federalreserve.gov/releases/h41/Current/.

Page 16: Federal Reserve Holdings of U.S. Treasury Securities include nominal and inflation-indexed securities and the compensation that adjusts for the effect of inflation on the original face value of inflation-indexed securities (inflation compensation). Term Auction Credit are collateralized, term funds (28-day) that are auctioned to depository institutions under the temporary Term Auction Facility. Term Auction Credit became a Federal Reserve balance sheet item as of December 27, 2007. For more information on the Term Auction Facility, see http://www.federalreserve.gov/monetarypolicy/taf.htm.

Page 17: 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 18: Current data appear at www.federalreserve.gov/releases/cp/outstandings.htm.

Page 19: **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 and Selected Reserve Balance Sheet Items: 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  $^{\circledR}$ .

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®.

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