



# Calendar of Releases

Titles for the current week are links to their respective releases.									
MONDAY*	TUESDAY	WEDNESDAY	THURSDAY*	FRIDAY					
November 6	November 7 Consumer Credit (Sep) A: -\$1.2B P: \$5.0B	November 8	November 9 Initial Claims (11/04) A: 308K P: 315K International Trade (Sep) A: -\$64.3B P: -\$66.1B Import Prices (Oct) A: -2.0% P: -1.1%	November 10					
November 13  Treasury Budget (Oct) F: -\$48.5B P: -\$44.6B	November 14  Retail Sales (Oct) F: -0.4% P: -0.2%  Business Inventories (Sep) F: 0.6% P: 0.6%  PPI (Oct) F: -0.4% P: -0.4%  Core PPI (Oct) F: 0.1 P: 0.1%	November 15 FOMC Minutes (previous meeting)	November 16  Initial Claims (11/11) F: 310K P: 319K  Industrial Production (Oct) F: 0.2% P: 0.2%  Capacity Utilization (Oct) F: 81.9% P: 82.0%  CPI (Oct) F: -0.3% P: -0.2%  Core CPI (Oct) F: 0.2% P: 0.2%	November 17  Housing Starts (Oct) F: 1.70M P: 1.70M  Building Permits (Oct) F: 1.64M P: 1.63M					
November 20	November 21  Latest Issue  Monetary Trends	November 22 Initial Claims (11/18) F: 313K	November 23	November 24					

DEFINITIONS: A, actual value; P, previous week's forecast; F, 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, 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:

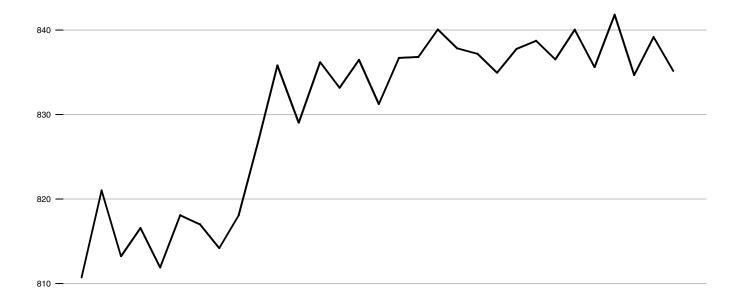
stlsFRED@stls.frb.org

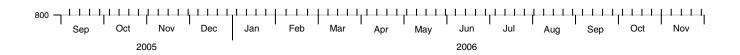
## **Adjusted Monetary Base**

Averages of Daily Figures, Seasonally Adjusted

Billions of dollars

850 <del>-</del>





## **Adjusted Monetary Base**

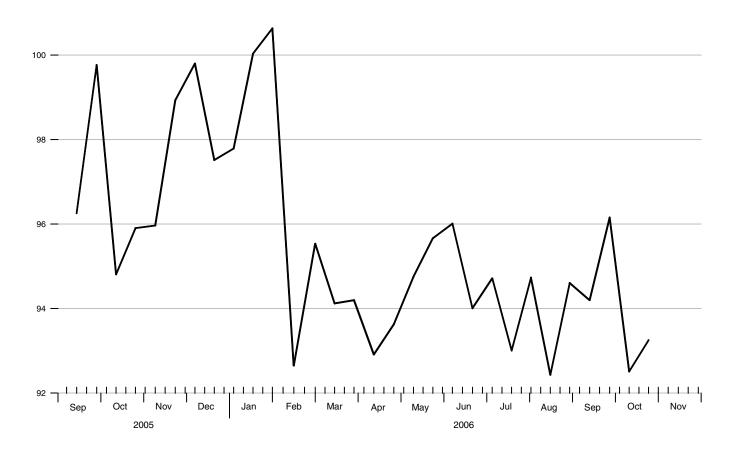
To the average of two maintenance	Compounded annual rates of change, average of two maintenance periods ending:									
periods ending:	11/09/05	02/01/06	04/12/06	05/10/06	06/07/06	07/05/06	08/16/06	09/13/06		
04/12/06	5.8									
05/10/06	5.6	2.5								
06/07/06	5.3	2.7	4.0							
07/05/06	4.1	1.4	1.2	-0.5						
08/16/06	3.8	1.4	1.3	0.4	-0.8					
09/13/06	3.4	1.3	1.1	0.4	-0.5	1.1				
10/11/06	3.2	1.2	1.1	0.4	-0.2	1.0	0.5			
11/08/06	2.8	0.9	0.7	0.1	-0.5	0.4	-0.2	-0.5		

## **Adjusted Reserves**

Seasonally Adjusted

Billions of dollars

102 <del>-</del>



# **Adjusted Reserves**

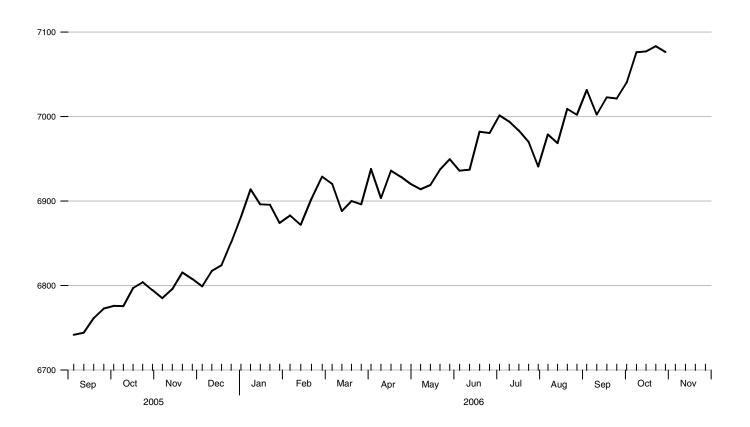
To the average of	Compounded annual rates of change, average of two maintenance periods ending:									
two maintenance periods ending:	10/26/05	01/18/06	03/29/06	04/26/06	05/24/06	06/21/06	08/02/06	08/30/06		
03/29/06	-2.9									
04/26/06	-4.3	-19.6								
05/24/06	-0.3	-10.4	7.5							
06/21/06	-0.6	-9.1	4.0	12.7						
08/02/06	-2.0	-9.3	-0.9	2.4	-7.1					
08/30/06	-2.3	-8.7	-1.6	0.8	-6.4	-7.9				
09/27/06	-0.2	-5.4	2.2	4.9	-0.1	0.7	9.4			
10/25/06	-2.6	-7.9	-2.3	-0.8	-5.7	-6.3	-4.5	-4.4		

#### MZM

Averages of Daily Figures, Seasonally Adjusted

Billions of dollars

7200 <del>-</del>



### MZM

To the average of four weeks		Compounded annual rates of change, average of four weeks ending:										
ending:	10/31/05	01/23/06	04/03/06	05/01/06	05/29/06	06/26/06	08/07/06	09/04/06				
04/03/06	4.0											
05/01/06	3.8	1.4										
05/29/06	3.5	1.4	2.3									
06/26/06	3.8	2.1	3.4	3.5								
08/07/06	3.4	1.9	2.6	2.5	2.9							
09/04/06	3.7	2.5	3.4	3.4	4.0	3.3						
10/02/06	3.7	2.6	3.4	3.4	3.9	3.4	5.1					
10/30/06	4.2	3.4	4.4	4.6	5.1	5.0	7.0	7.2				

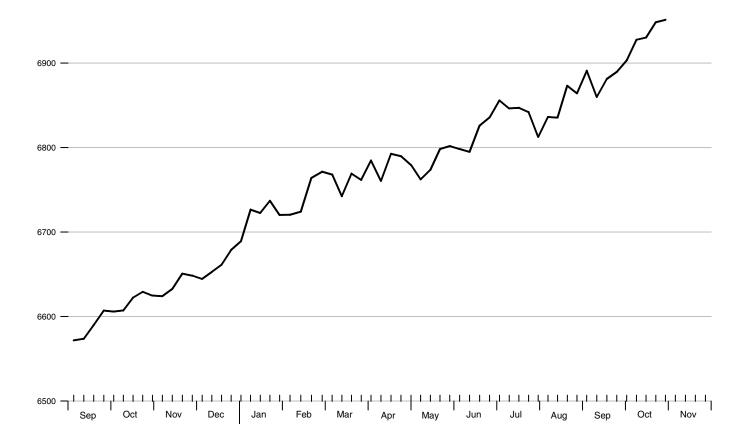
#### **M2**

Averages of Daily Figures, Seasonally Adjusted

2005

Billions of dollars





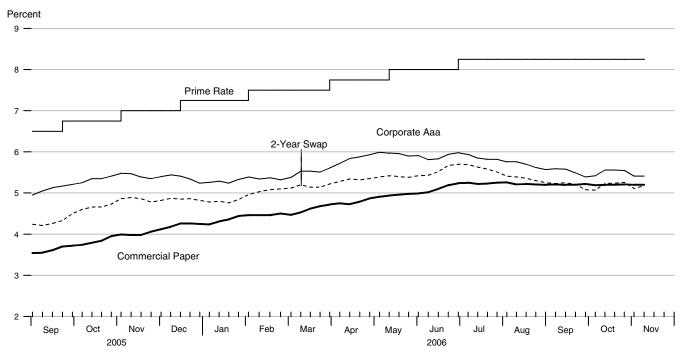
2006

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n	/1	٠,

To the average of four weeks ending:	Compounded annual rates of change, average of four weeks ending:									
	10/31/05	01/23/06	04/03/06	05/01/06	05/29/06	06/26/06	08/07/06	09/04/06		
04/03/06	5.2									
05/01/06	4.9	3.5								
05/29/06	4.3	2.8	1.9							
06/26/06	4.5	3.4	3.2	3.2						
08/07/06	4.2	3.2	3.0	3.0	3.9					
09/04/06	4.4	3.6	3.6	3.7	4.6	4.1				
10/02/06	4.3	3.6	3.6	3.6	4.3	3.9	4.8			
10/30/06	4.8	4.3	4.5	4.7	5.5	5.4	6.8	7.2		

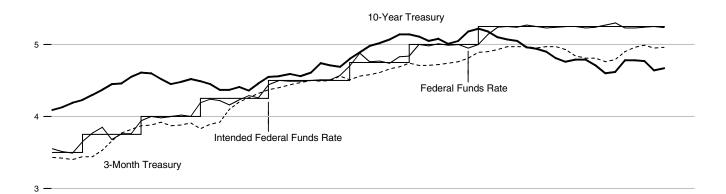
#### **Yields on Selected Securities**



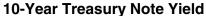


#### Percent

6 —



2 Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov 2005



Averages of Daily Figures



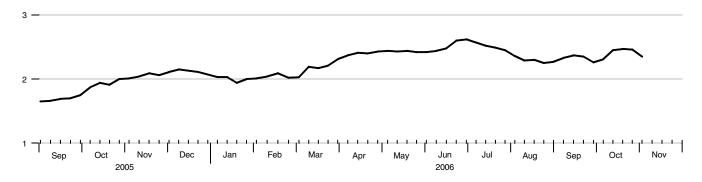




## 10-Year Inflation-Indexed Treasury Yield

Averages of Daily Figures

Percent

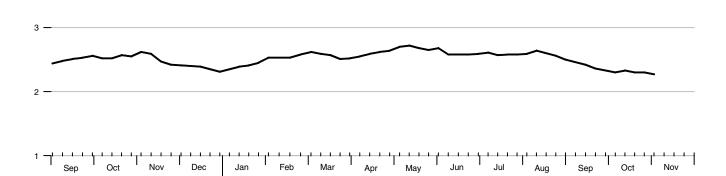


## 10-Year Inflation-Indexed Treasury Yield Spread

Averages of Daily Figures

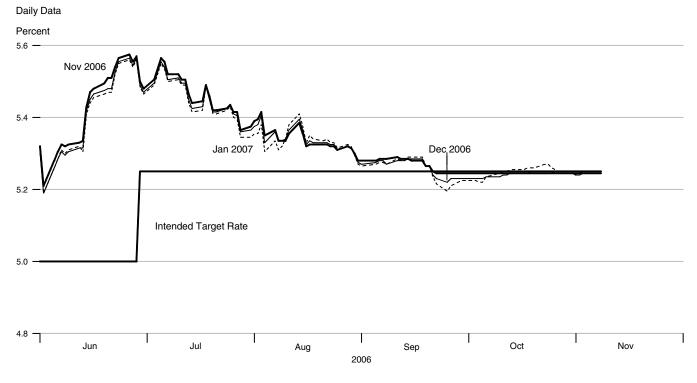
2005

Percent

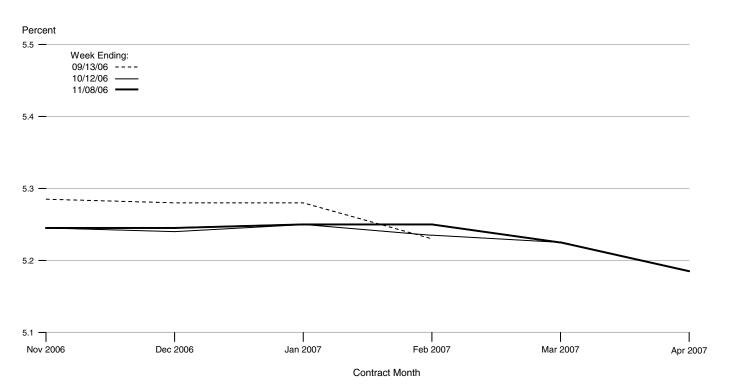


2006

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

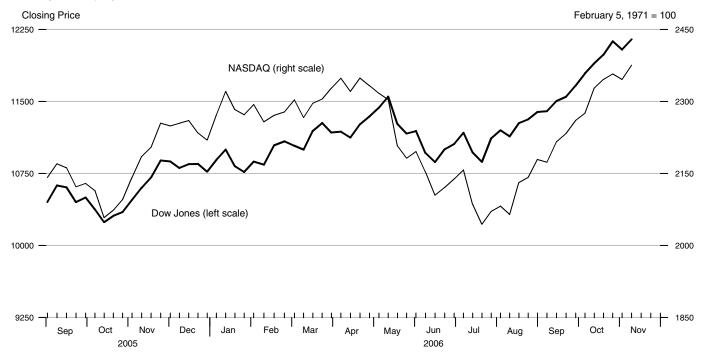


#### **Rates on Federal Funds Futures on Selected Dates**



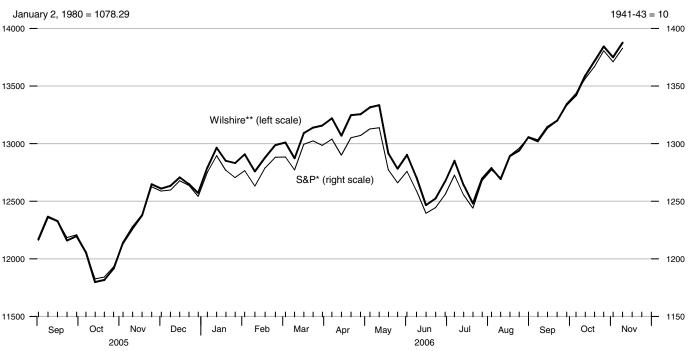
### Dow Jones Industrial Average and NASDAQ Composite®

Averages of Daily Figures



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

Averages of Daily Figures



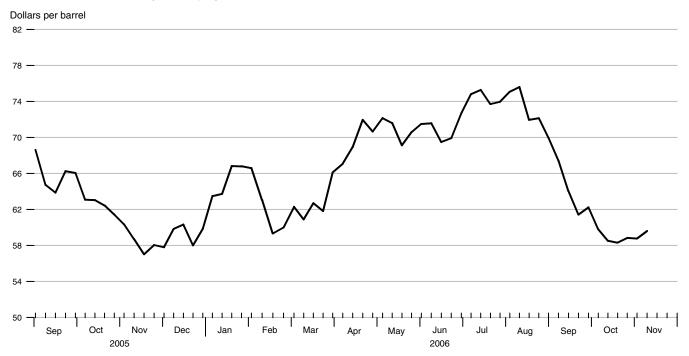
<sup>\*</sup>Copyright © 2003 The McGraw-Hill Companies, Inc. Standard & Poor's including its subsidiary corporations ("S&P") is a division of

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

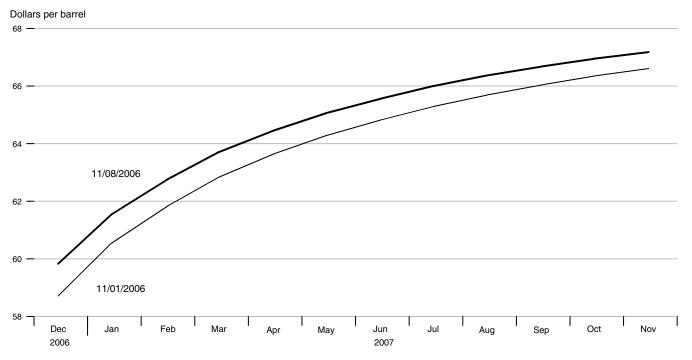
## **Crude Oil Spot Prices**

West Texas Intermediate, Averages of Daily Figures



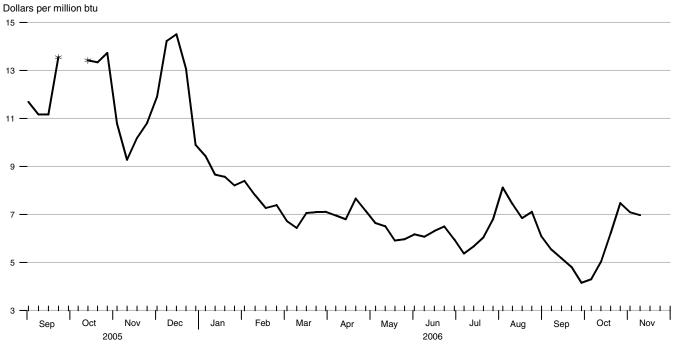
#### **Crude Oil Futures Prices**

West Texas Intermediate



## **Natural Gas Spot Prices**

Henry Hub, Averages of Daily Figures



Note: Spot prices for Henry Hub were temporarily suspended from Friday, September 23, 2005, through Thursday, October 6, 2005, due to Hurricane Rita.

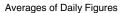
#### **Natural Gas Futures Prices**

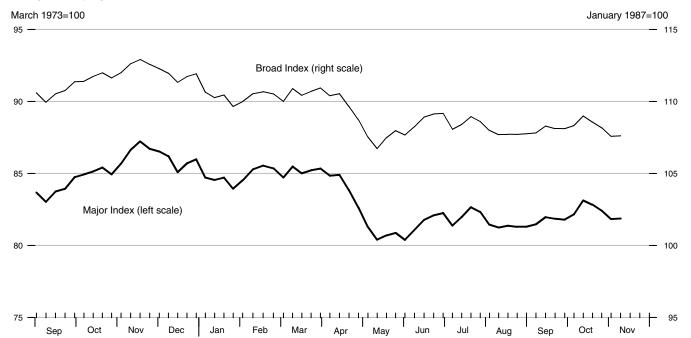
Henry Hub

Dollars per million btu

8.50 — 11/08/2006 8.25 — 11/01/2006

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



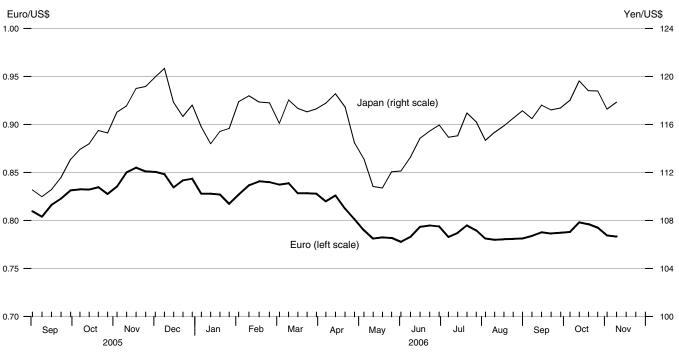


2006

## **Exchange Rates**

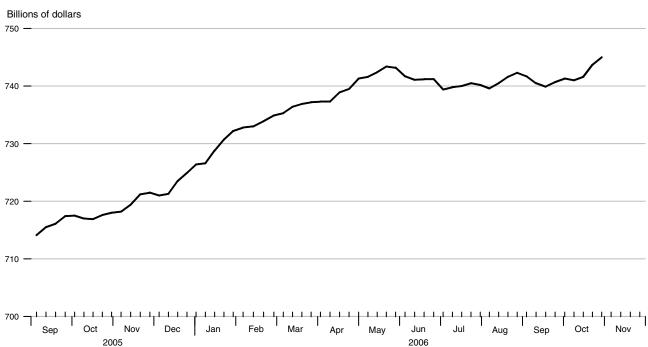
2005

Averages of Daily Figures



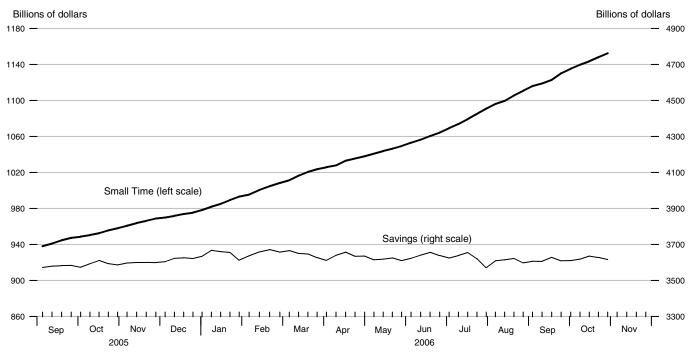
#### **Currency Component of M1**

Averages of Daily Figures, Seasonally Adjusted



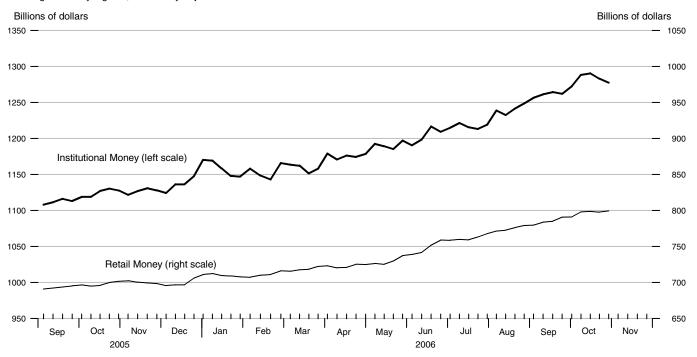
## **Savings and Small Time Deposits**

Averages of Daily Figures, Seasonally Adjusted



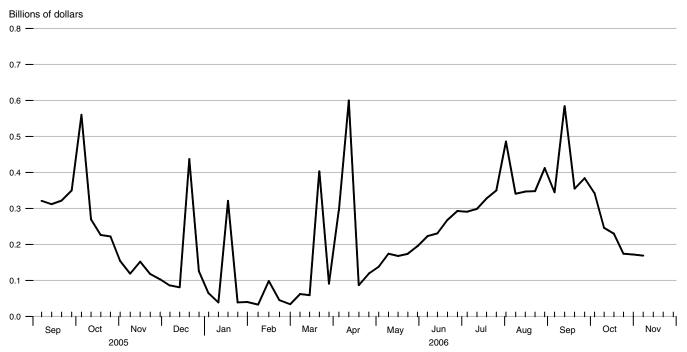
#### **Institutional and Retail Money Funds**

Averages of Daily Figures, Seasonally Adjusted



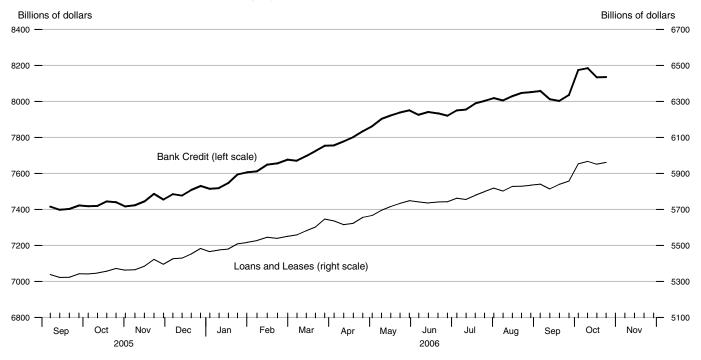
## **Total Borrowings from Federal Reserve Banks**

Averages of Daily Figures



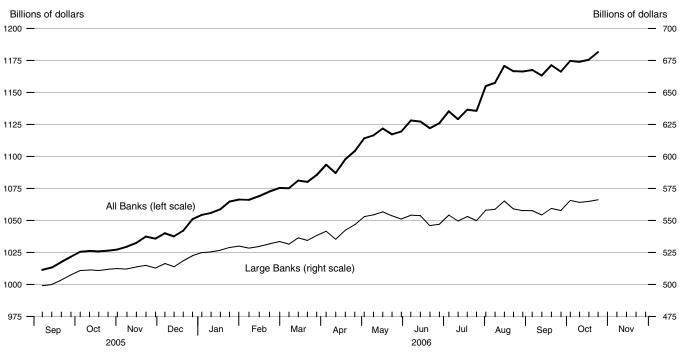
#### **Bank Loans and Credit**

All Commercial Banks in the United States, Seasonally Adjusted

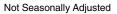


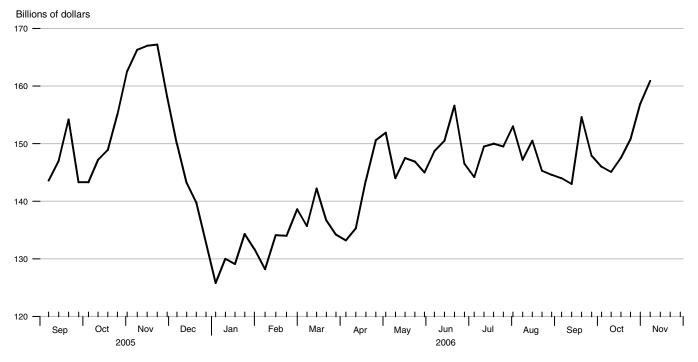
#### **Commercial and Industrial Loans**

Seasonally Adjusted



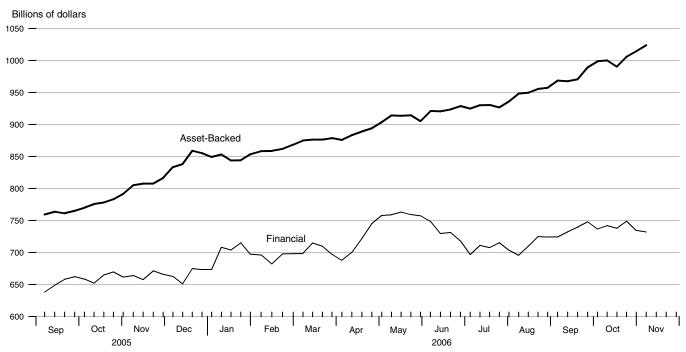
# **Commercial Paper of Nonfinancial Companies**





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

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	30-Year Treasury Securities
Aug	18	5.22	5.37	5.36	5.70	6.61	4.39	5.23	4.97	4.92	4.85	4.90	5.03
	25	5.21	5.36	5.30	5.62	6.53	4.34	5.24	4.97	4.87	4.77	4.81	4.95
Sep	1	5.20	5.35	5.25	5.57	6.50	4.30	5.25	4.93	4.83	4.73	4.76	4.91
	8	5.21	5.34	5.23	5.59	6.52	4.34	5.25	4.84	4.81	4.73	4.79	4.94
	15	5.20	5.35	5.25	5.58	6.49	4.30	5.23	4.81	4.83	4.73	4.79	4.92
	22	5.20	5.34	5.21	5.49	6.40	4.21	5.24	4.81	4.77	4.66	4.71	4.83
	29	5.22	5.32	5.08	5.39	6.32	4.23	5.27	4.76	4.67	4.56	4.60	4.73
Oct	6	5.19	5.32	5.07	5.42	6.36	4.25	5.30	4.79	4.66	4.56	4.62	4.77
	13	5.20	5.33	5.23	5.56	6.50	4.33	5.23	4.90	4.85	4.74	4.78	4.91
	20	5.20	5.33	5.24	5.56	6.49	4.33	5.23	4.96	4.85	4.75	4.78	4.91
	27	5.21	5.33	5.26	5.55	6.42	4.30	5.24	4.99	4.85	4.74	4.77	4.89
Nov	3	5.20	5.33	5.11	5.41	6.27	4.18	5.25	4.95	4.73	4.60	4.64	4.74
	10 *	5.20	5.33	5.17	5.41	6.26	.	5.24	4.96	4.78	4.64	4.67	4.76

<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
Sep	18	6881.2	7022.7	739.9	1122.9	3627.9	785.1	1264.4
	25	6889.6	7021.5	740.7	1130.2	3608.7	790.7	1262.1
Oct	2	6903.4	7040.6	741.3	1135.3	3609.8	791.0	1272.5
	9	6927.6	7076.2	741.0	1139.7	3618.1	798.0	1288.3
	16	6930.3	7077.2	741.6	1143.6	3635.3	798.7	1290.5
	23	6948.4	7083.3	743.7	1148.1	3628.1	797.7	1283.0
	30	6951.4	7076.5	745.0	1152.5	3616.9	799.3	1277.6

## **Reserves and Base**

Billions of dollars, seasonally adjusted

	Adjusted Monetary Base	Adjusted Reserves
16	836.533	92.431
30	840.056	94.603
13	835.621	94.198
27	841.821	96.154
11	834.690	92.508
25	839.188	93.250
8	835.176	
	30 13 27 11 25	Monetary Base  16 836.533 30 840.056 13 835.621 27 841.821 11 834.690 25 839.188

#### **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
Sep	27	8035.9	5857.8	1166.3	557.8	147.9	0.384
Oct	4	8174.9	5953.1	1174.7	565.6	146.0	0.343
	11	8185.3	5967.1	1174.0	564.1	145.1	0.246
	18	8134.6	5951.4	1175.6	564.9	147.5	0.230
	25	8135.7	5961.4	1181.5	566.2	150.8	0.174
Nov	1	ē	•	•	•	156.9	0.172
	8		.		.	160.9	0.169

# **Exchange Rates**

		Major Exchange Rate Index	Broad Exchange Rate Index	Exchange Rate: Euro/\$	Exchange Rate: Yen/\$
Sep	29	81.8	108.1	0.787	117.4
Oct	6	82.2	108.3	0.788	118.0
	13	83.1	109.0	0.798	119.6
	20	82.8	108.6	0.796	118.8
	27	82.4	108.2	0.792	118.8
Nov	3	81.8	107.6	0.784	117.3
	10 *	81.9	107.6	0.783	117.9

<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. **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 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/outstandings.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 Reserve	s,
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.

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