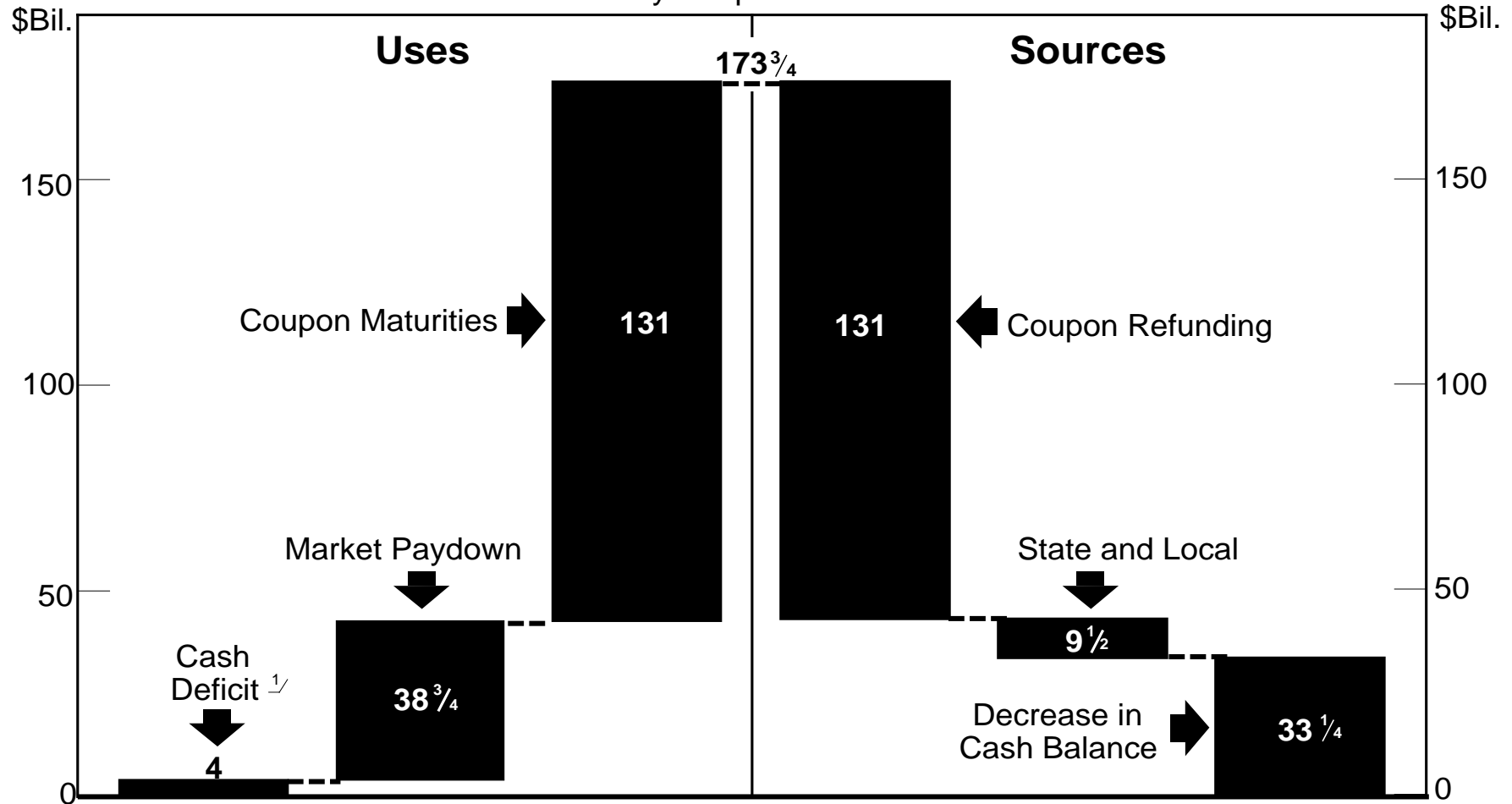


# U.S. Treasury Borrowing



# TREASURY FINANCING REQUIREMENTS

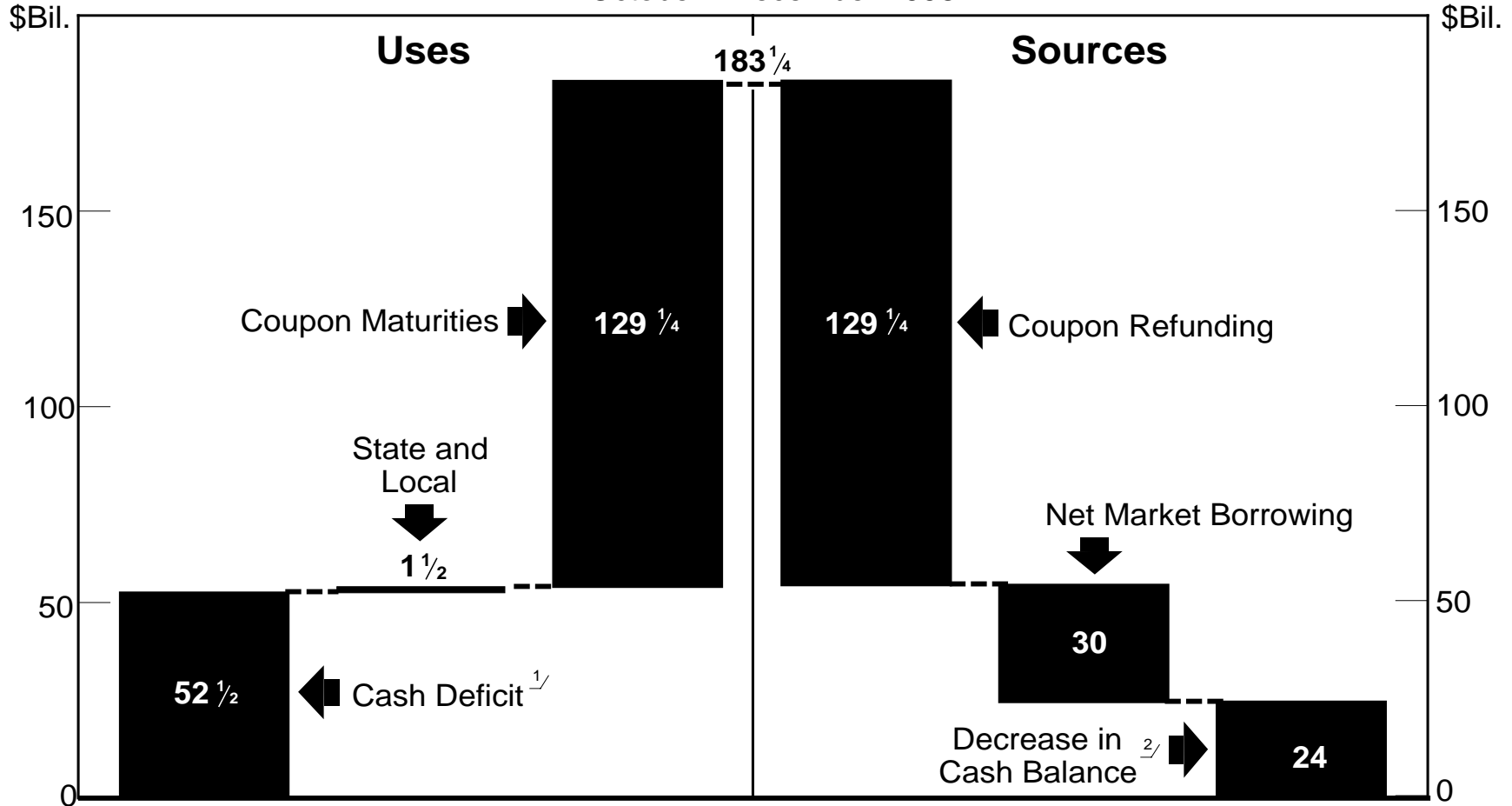
July - September 1998



<sup>1/</sup> Includes budget result, direct loan activity, changes in accrued interest and checks outstanding and minor miscellaneous debt transactions.

# TREASURY FINANCING REQUIREMENTS

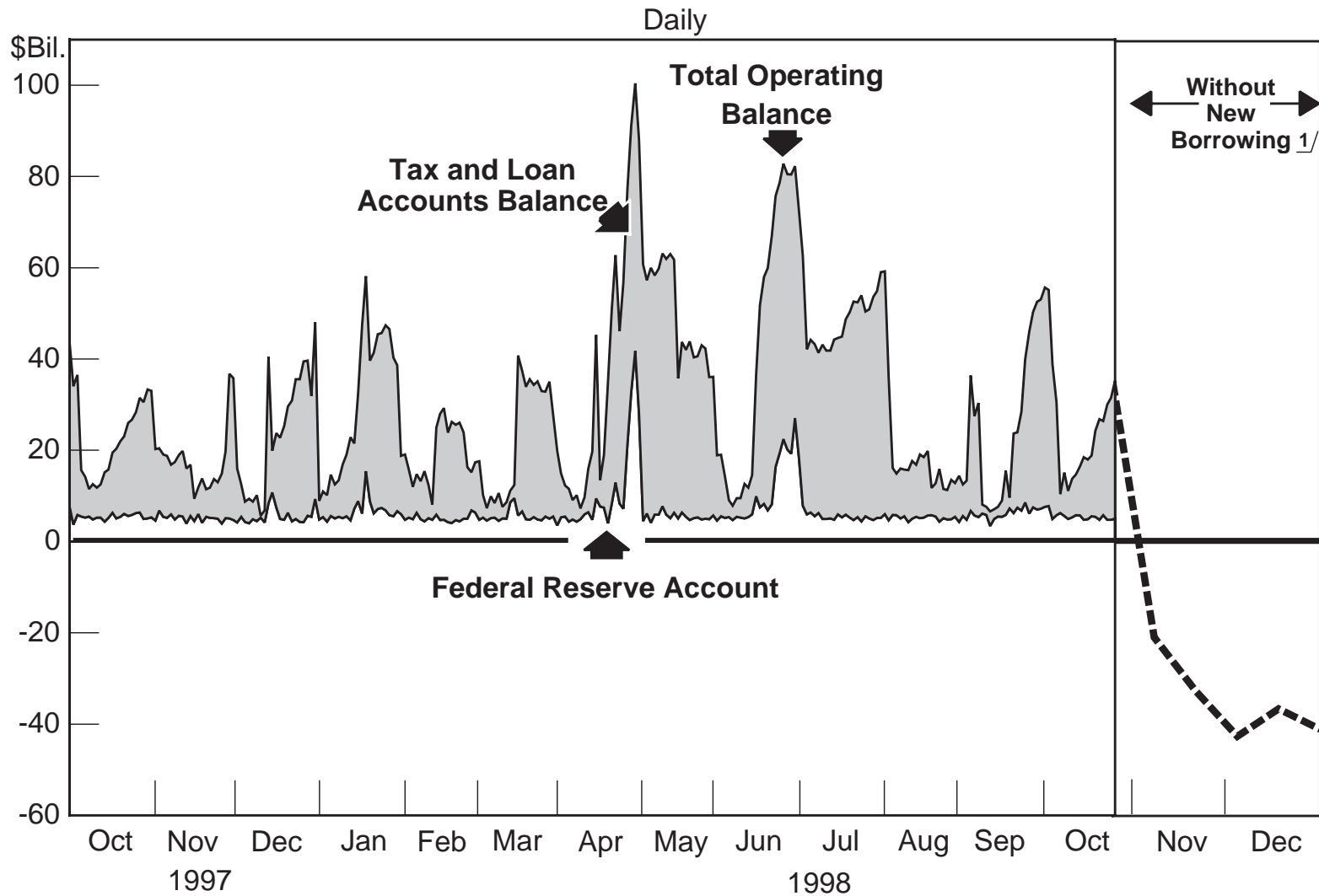
October - December 1998



<sup>1/</sup> Includes budget deficit, direct loan activity, changes in accrued interest and checks outstanding and minor miscellaneous debt transactions.

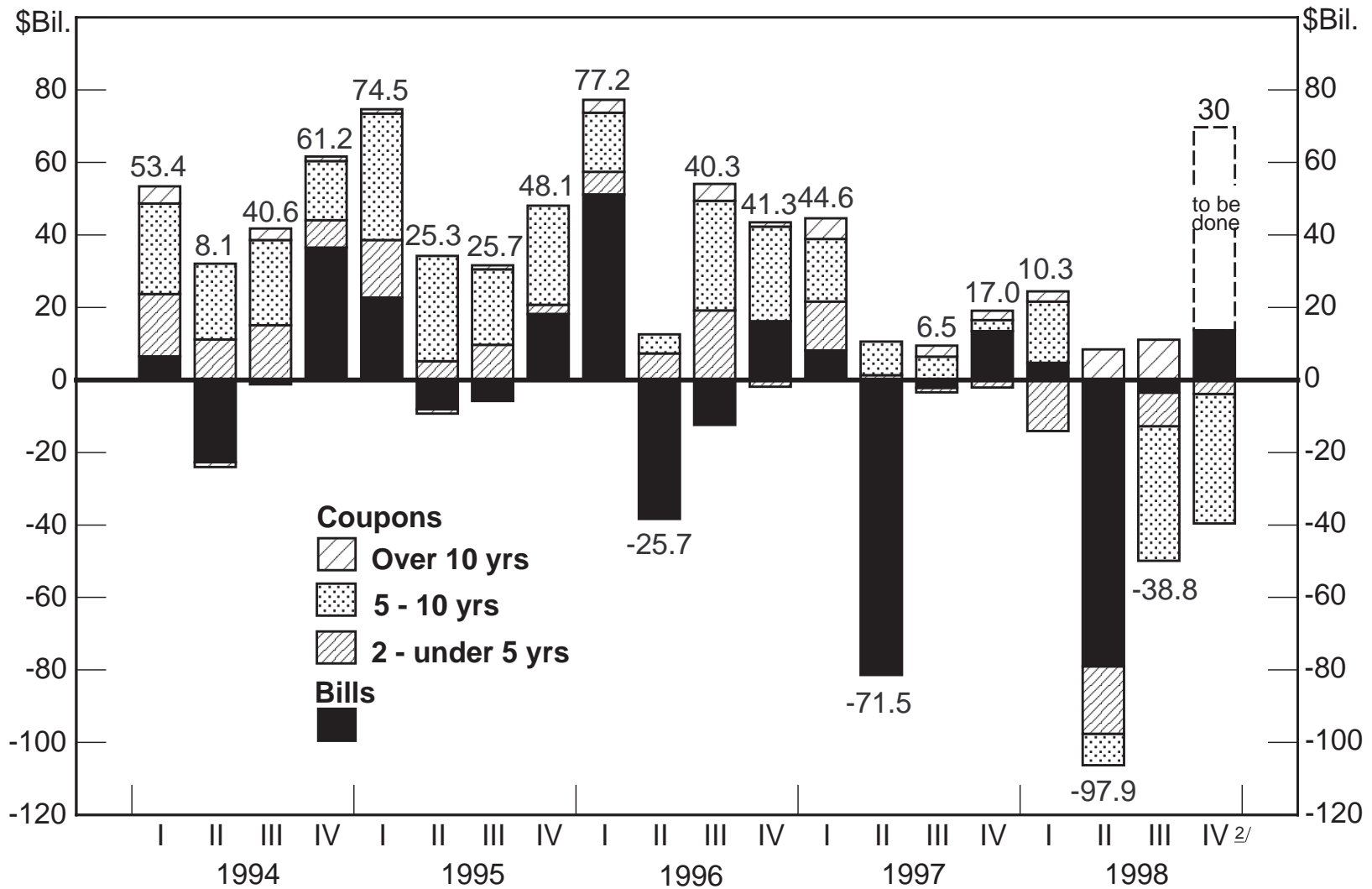
<sup>2/</sup> Assumes a \$15 billion cash balance, December 31, 1998.

# TREASURY OPERATING CASH BALANCE



<sup>1/</sup> Data points are semi-monthly.

# TREASURY NET MARKET BORROWING<sup>1/</sup>



<sup>1/</sup> Excludes Federal Reserve and Government Account Transactions.

<sup>2/</sup> Issued or announced through October 23, 1998.

# NET MARKET BORROWING

October – December 1998

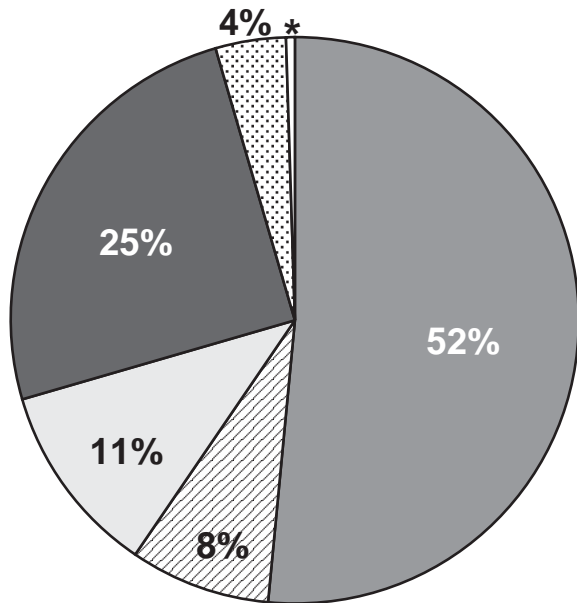
(Billions of Dollars)

<b>Total</b>		<b>30.0</b>
<b>Done</b> <sup>1/</sup>		<b>-26.0</b>
Bills		
Regular weekly	15.8	
52 week	-2.1	
Total	<u>13.7</u>	
Coupons		
7-year note	-10.3	
2-year note	-3.9	
5-year notes — end of month	-33.9	
9 year 3 month reopening of inflation-indexed note	8.4	
	<u>-39.7</u>	
<b>To Be Done</b>		<b>56.0</b>

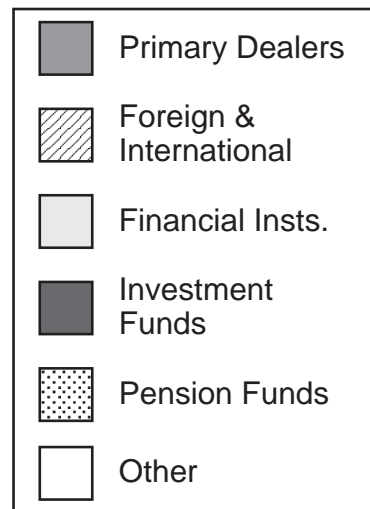
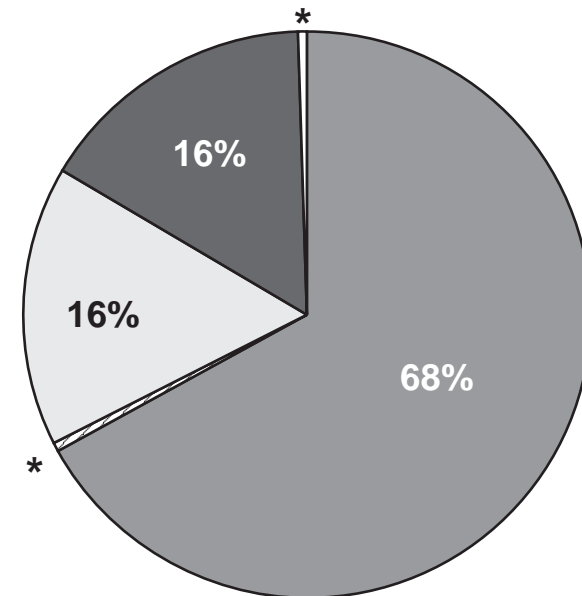
<sup>1/</sup> Issued or announced through October 23, 1998.

# DISTRIBUTION OF COMPETITIVE AUCTION AWARDS OF TREASURY NOTES

**10-Year Inflation-Indexed**  
April 1997,  
January & October 1998 Auctions



**10-Year Fixed Rate**  
February, May &  
August 1998 Auctions

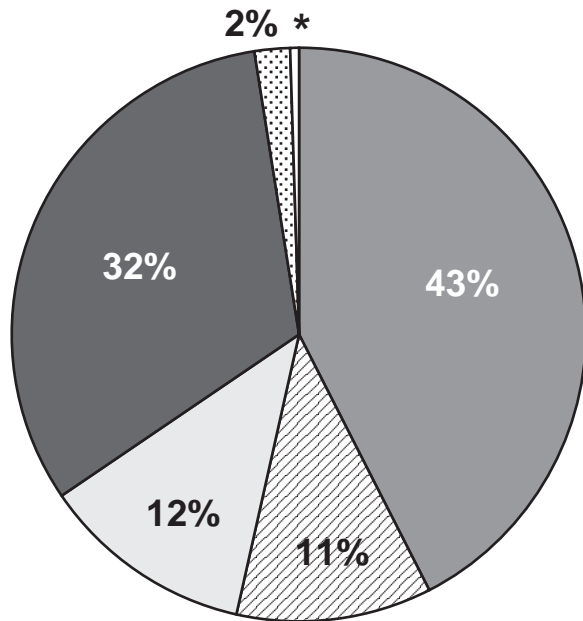


Note: Investment funds include investment mgrs., mutual funds, and hedge funds.  
Financial insts. include nonprimary dealers, depository insts., insurance cos., and financial cos.  
Other includes individuals, and nonfinancial cos.

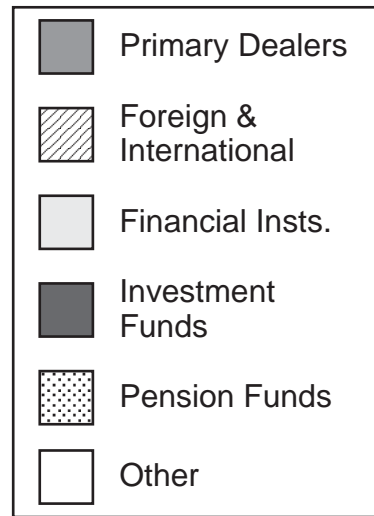
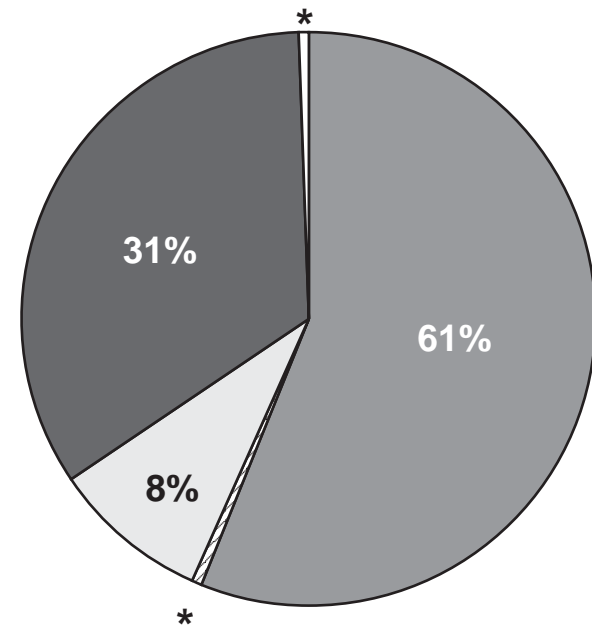
\*Less than 0.5 percent.

# DISTRIBUTION OF COMPETITIVE AUCTION AWARDS OF TREASURY BONDS

**30-Year Inflation-Indexed**  
April & July 1998 Auction



**30-Year Fixed Rate**  
February & August 1998 Auctions



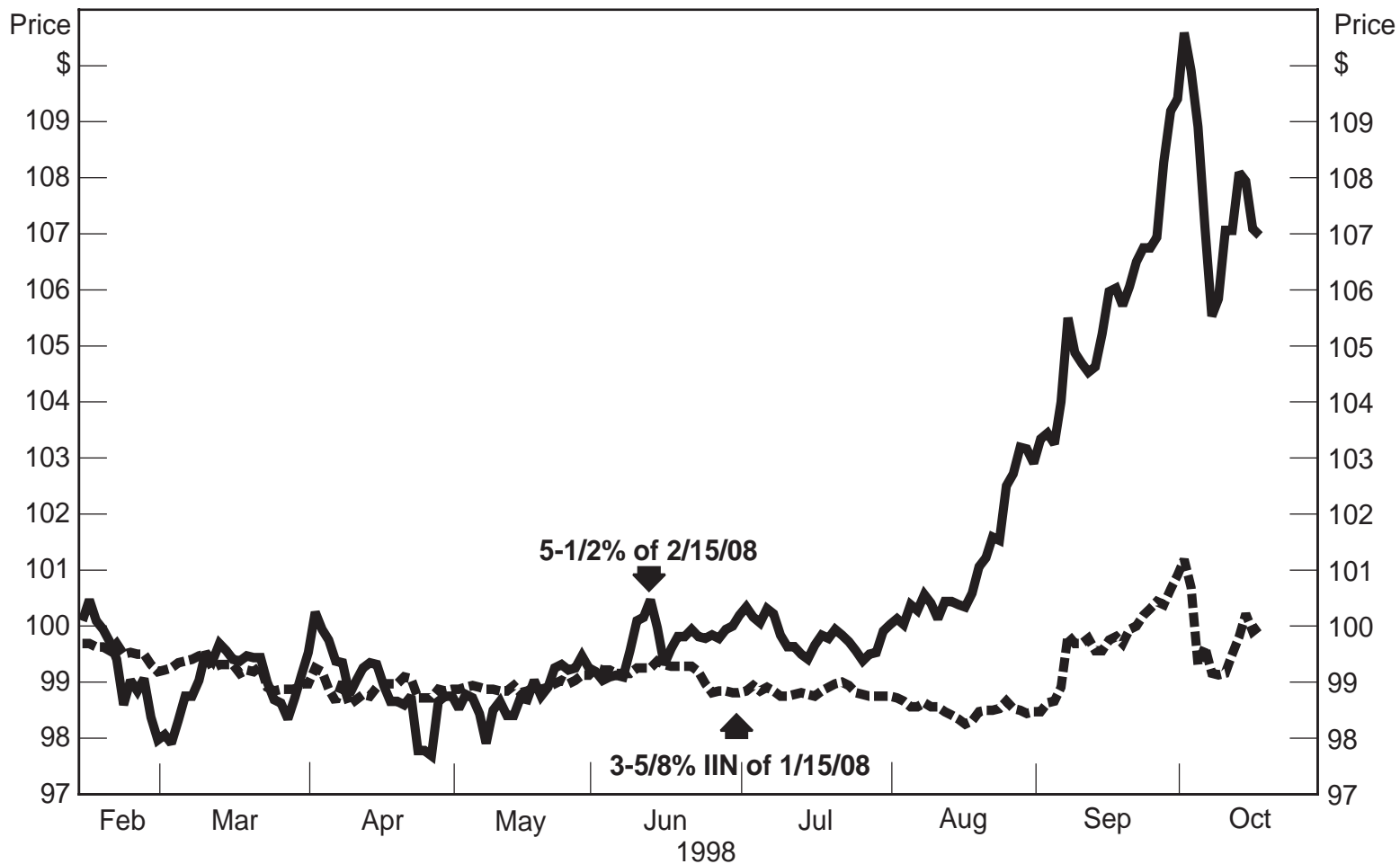
Note: Investment funds include investment mgrs., mutual funds, and hedge funds.  
Financial insts. include nonprimary dealers, depository insts., insurance cos., and financial cos.  
Other includes individuals, and nonfinancial cos.

\*Less than 0.5 percent.



# PRICES FOR 10-YEAR 3-5/8% IIN AND 10-YEAR 5-1/2% FIXED-RATE NOTE<sup>1/</sup>

Daily Data: Beginning 2/12/98



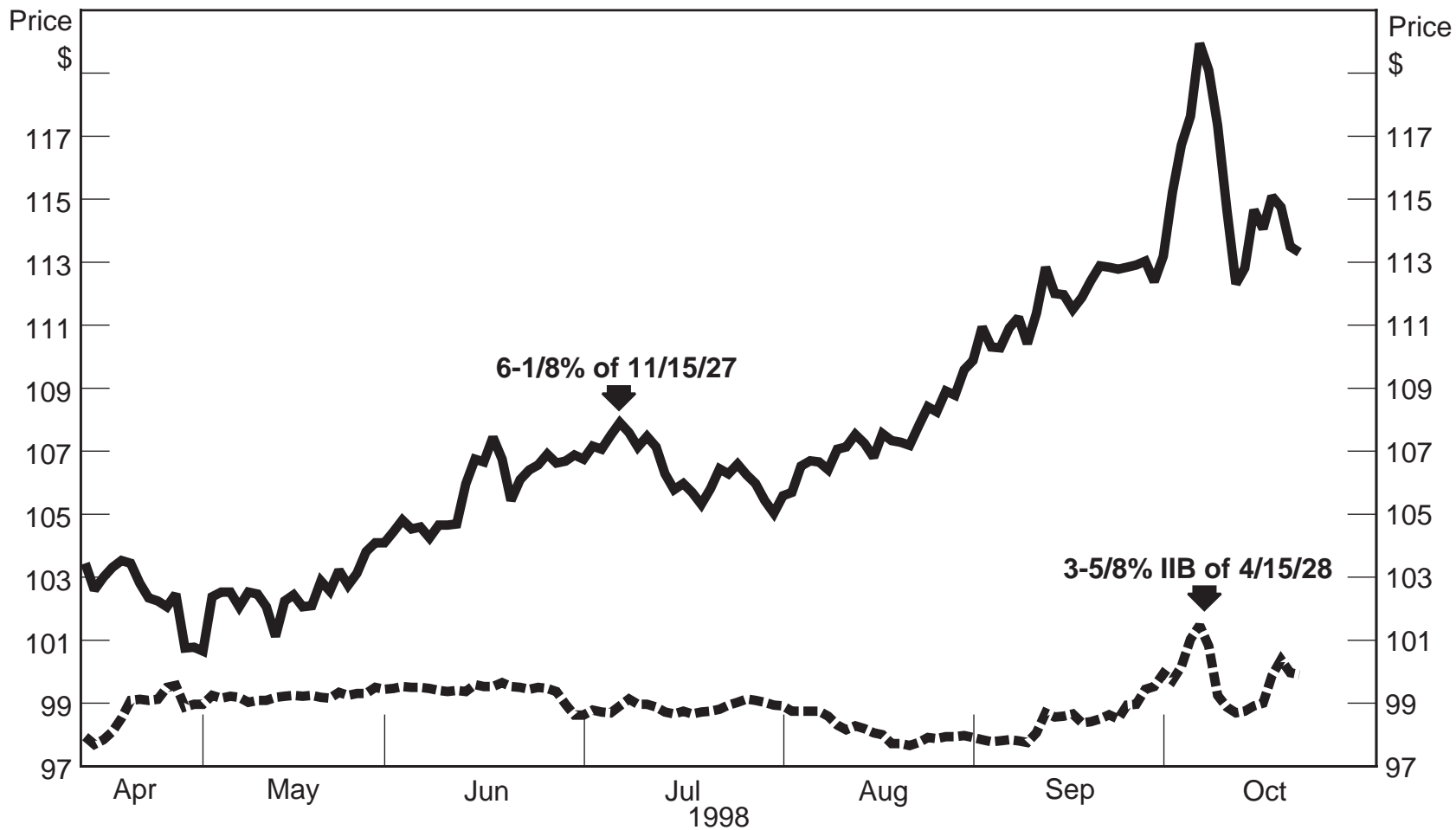
Department of the Treasury  
Office of Market Finance

<sup>1/</sup> Real Price for inflation-indexed note  
Correlation: 63% STD IIN/STD Nominal = 0.17

October 26, 1998-8

# PRICES FOR 30-YEAR 3-5/8% IIB AND 30-YEAR 6-1/8% FIXED-RATE BOND <sup>1/</sup>

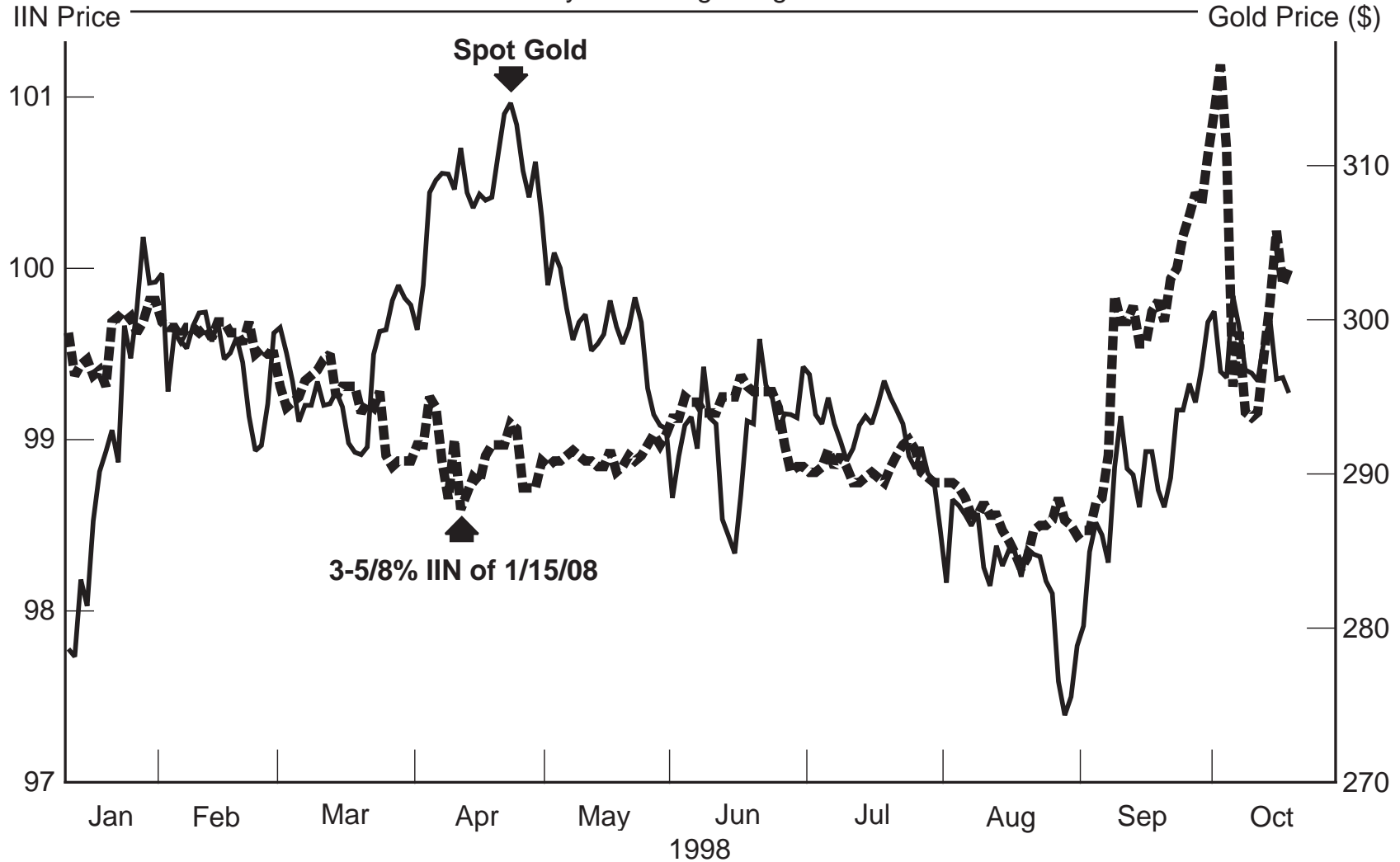
Daily Data: Beginning 4/9/98



<sup>1/</sup> Real Price for inflation-indexed note  
Correlation: 13% STD IIN/STD Nominal = 0.16

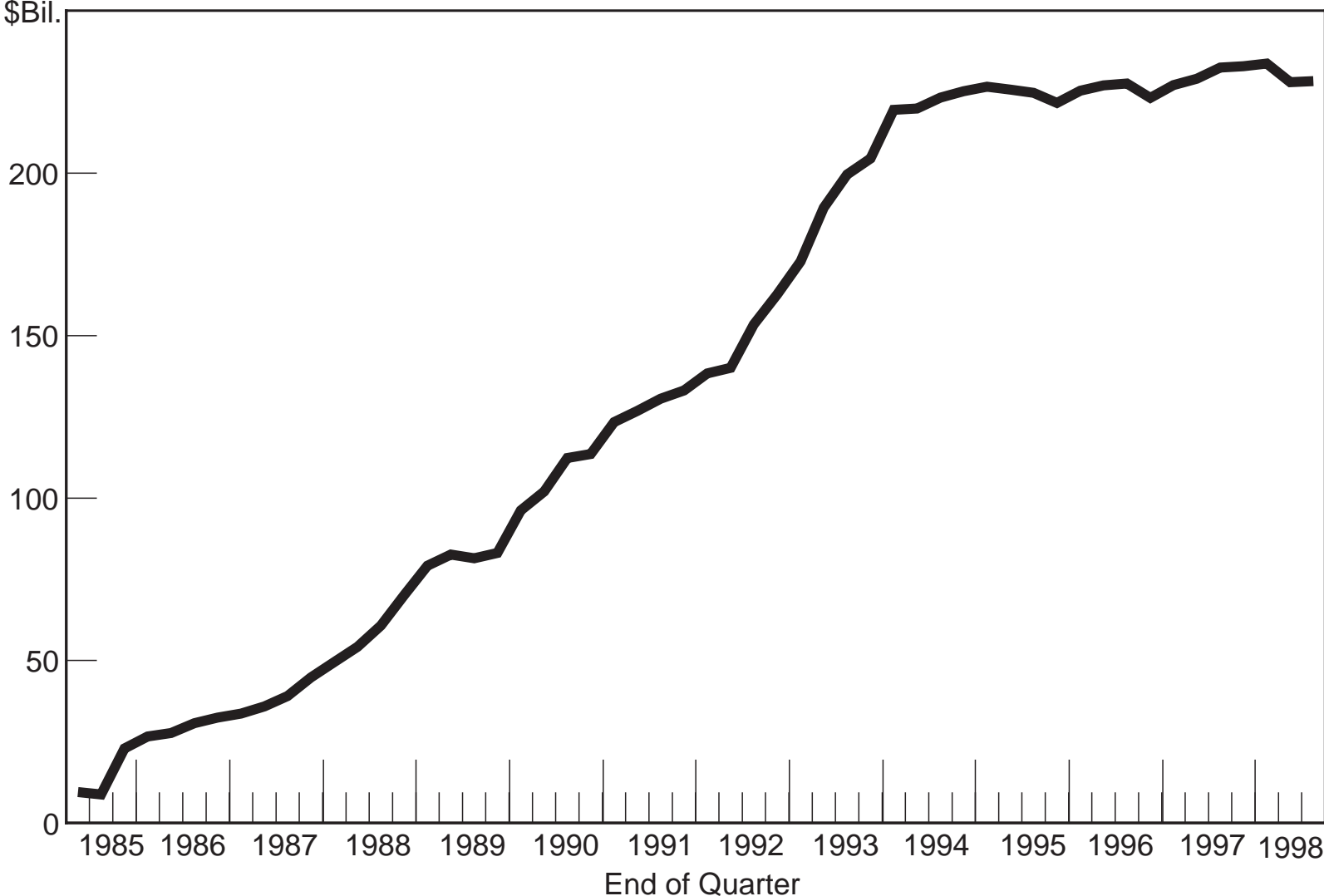
# PRICES FOR 10-YEAR 3-5/8% IIN vs. SPOT GOLD

Daily Data: Beginning 1/15/98



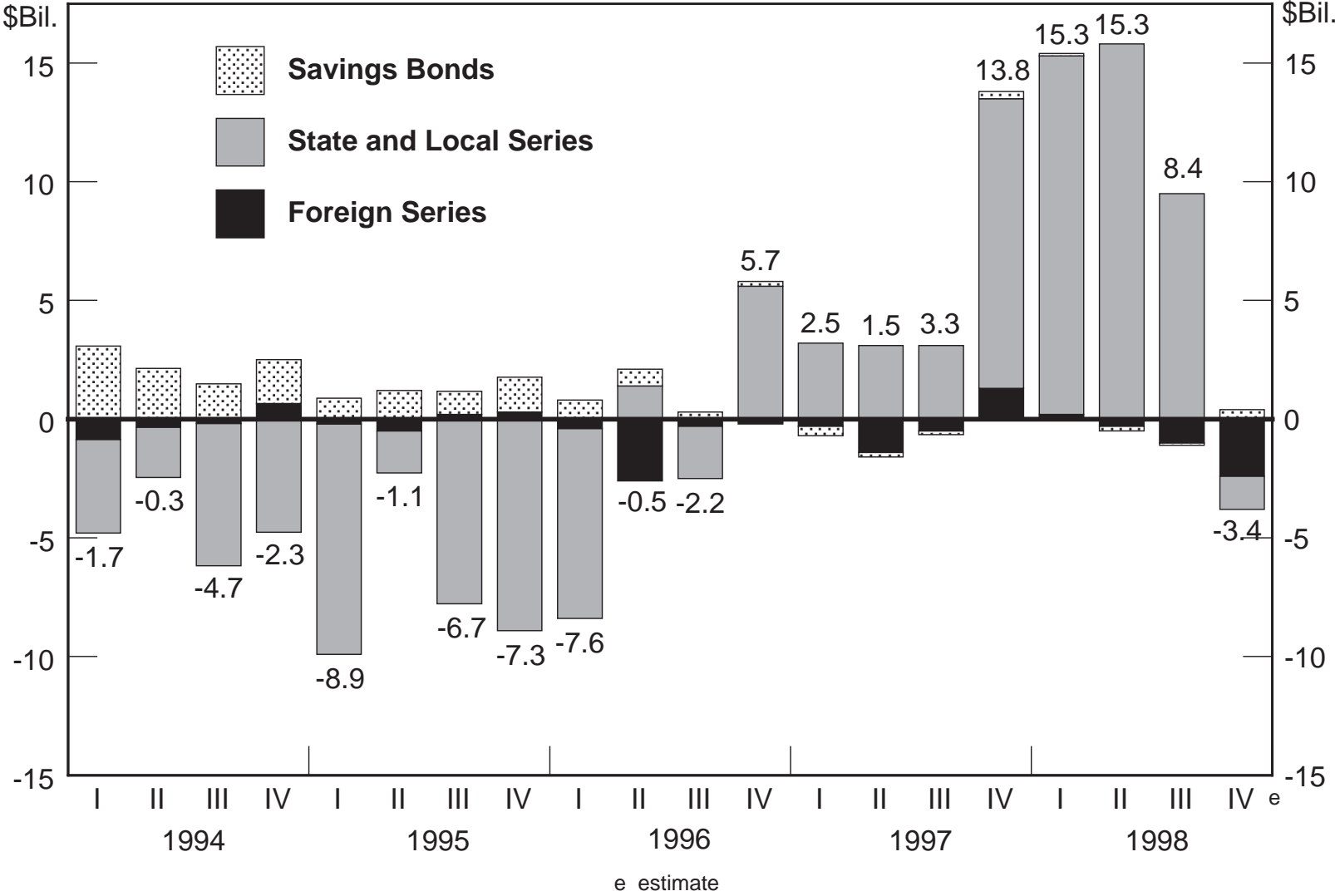
<sup>1/</sup> Real Price for inflation-indexed note  
Correlation: 16% STD IIN/STD Gold = .07

# NET STRIPS OUTSTANDING (1985-1998)\*

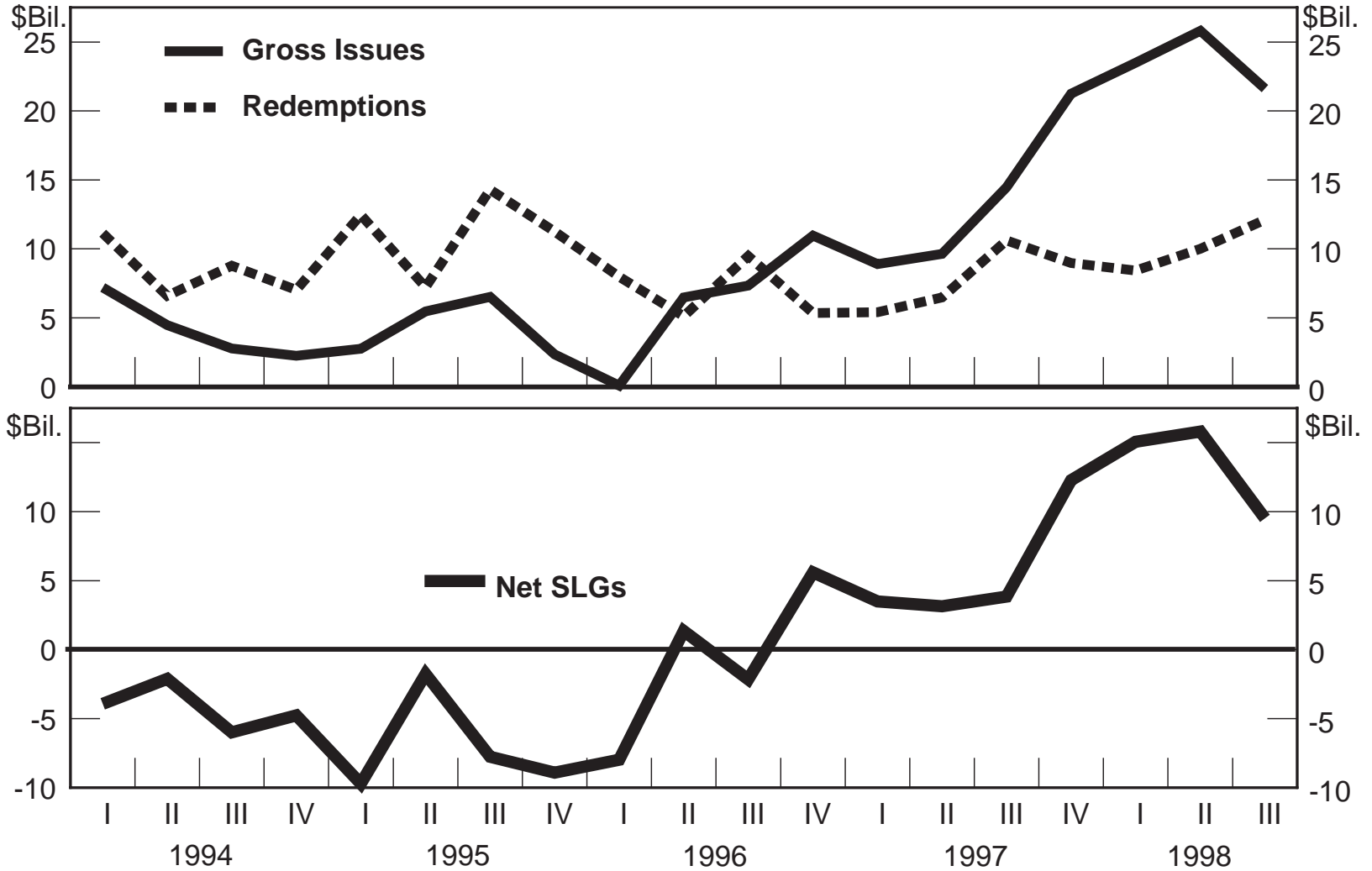


\*Strips program began February 15, 1985.  
 Reconstitution began May 1, 1987.  
 Inflation-indexed securities had not been stripped as of October 16, 1998.

# TREASURY NET BORROWING FROM NONMARKETABLE ISSUES

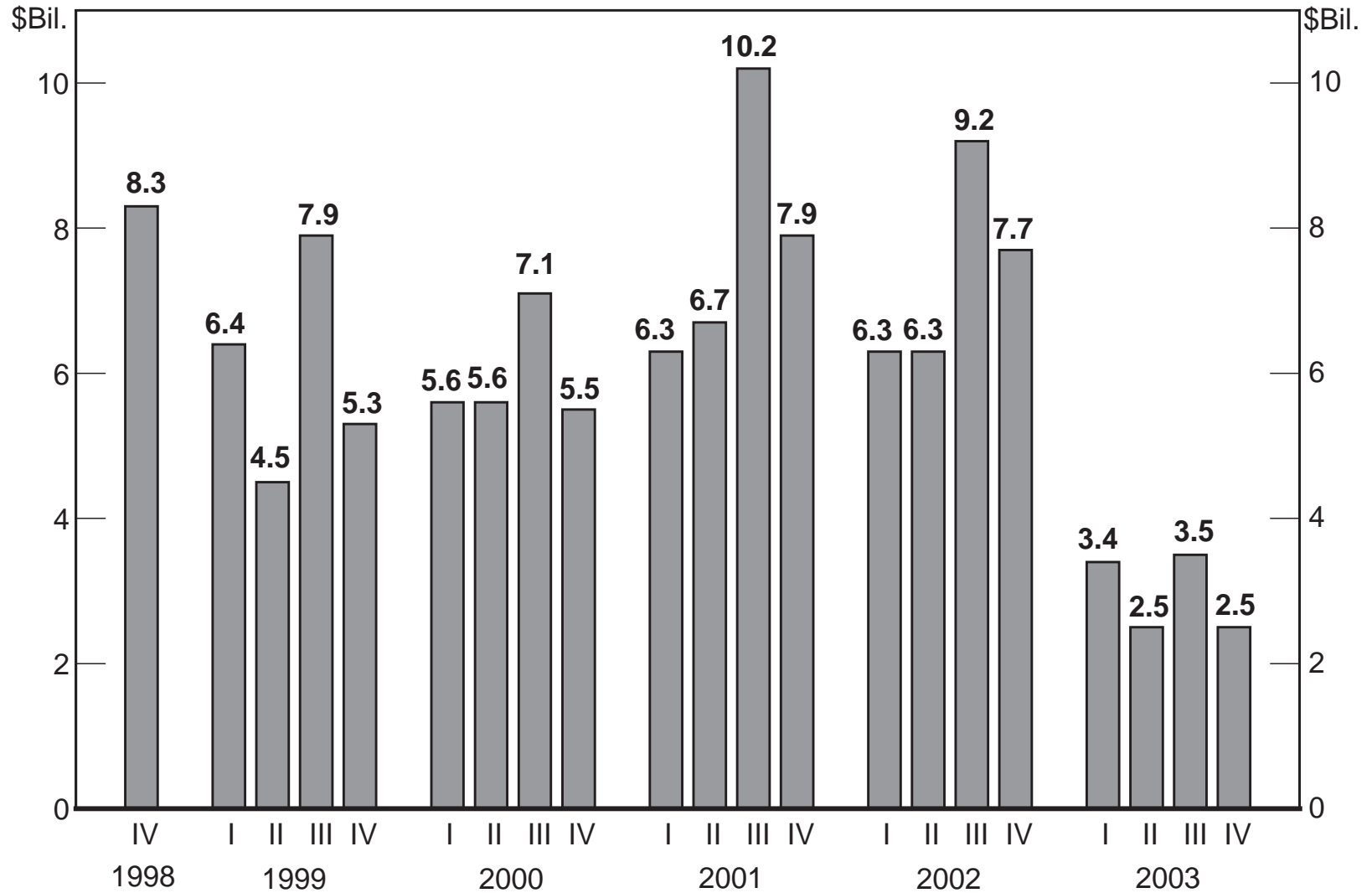


# STATE & LOCAL GOVERNMENT SERIES

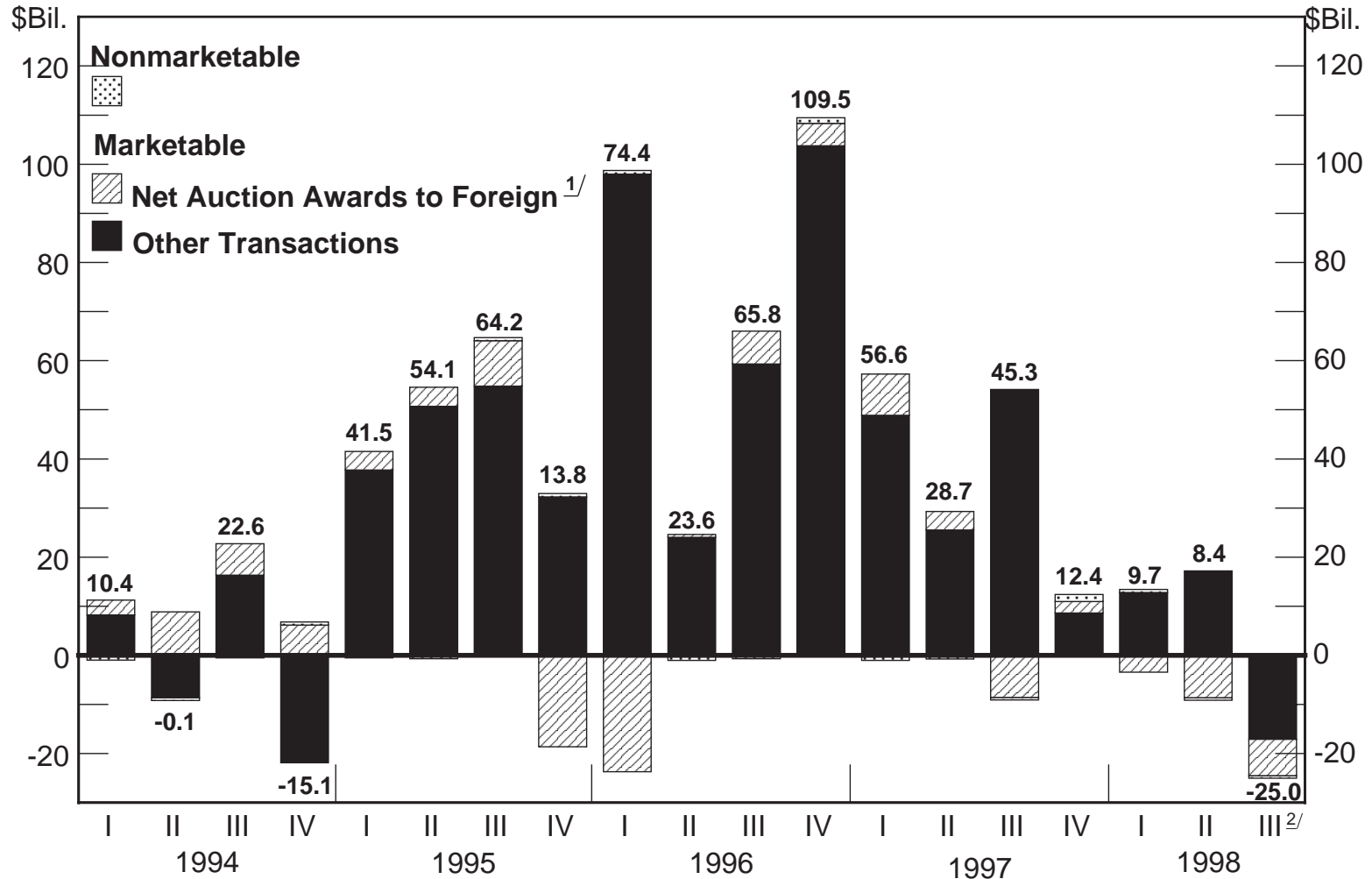


Note: SLGS sales were suspended from October 18, 1995 to March 29, 1996.

# STATE AND LOCAL MATURITIES 1998-2003



# QUARTERLY CHANGES IN FOREIGN AND INTERNATIONAL HOLDINGS OF PUBLIC DEBT SECURITIES

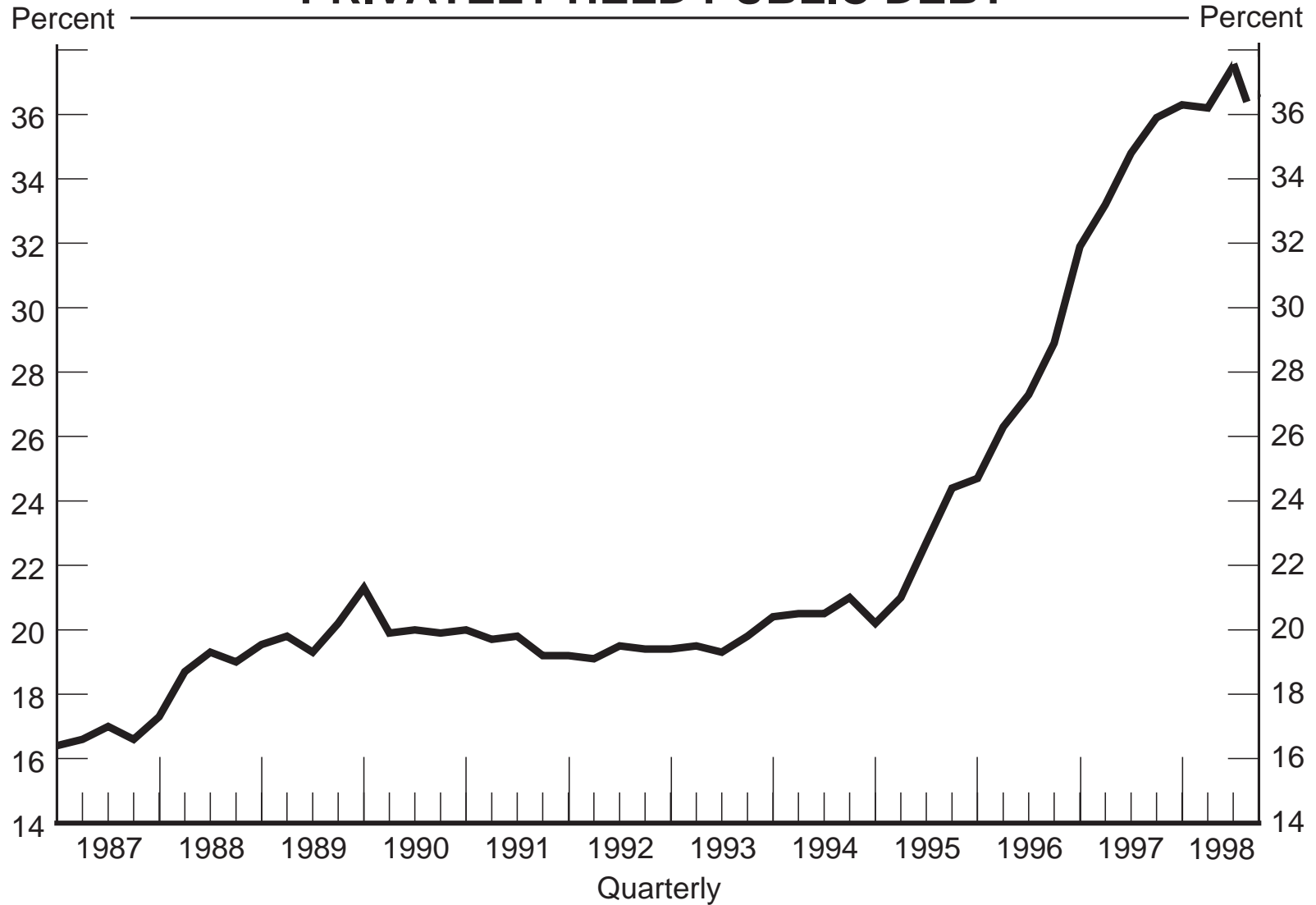


<sup>1/</sup> Noncompetitive awards to foreign official accounts held in custody at the Federal Reserve in excess of foreign custody account holdings of maturing securities. Foreign add-ons prohibited from October 18, 1995 to March 29, 1996 to avoid exceeding the debt limit.

<sup>2/</sup> Data through August 31, 1998.



# FOREIGN HOLDINGS AS A PERCENT OF TOTAL PRIVATELY HELD PUBLIC DEBT



# MAJOR FOREIGN HOLDERS OF TREASURY SECURITIES

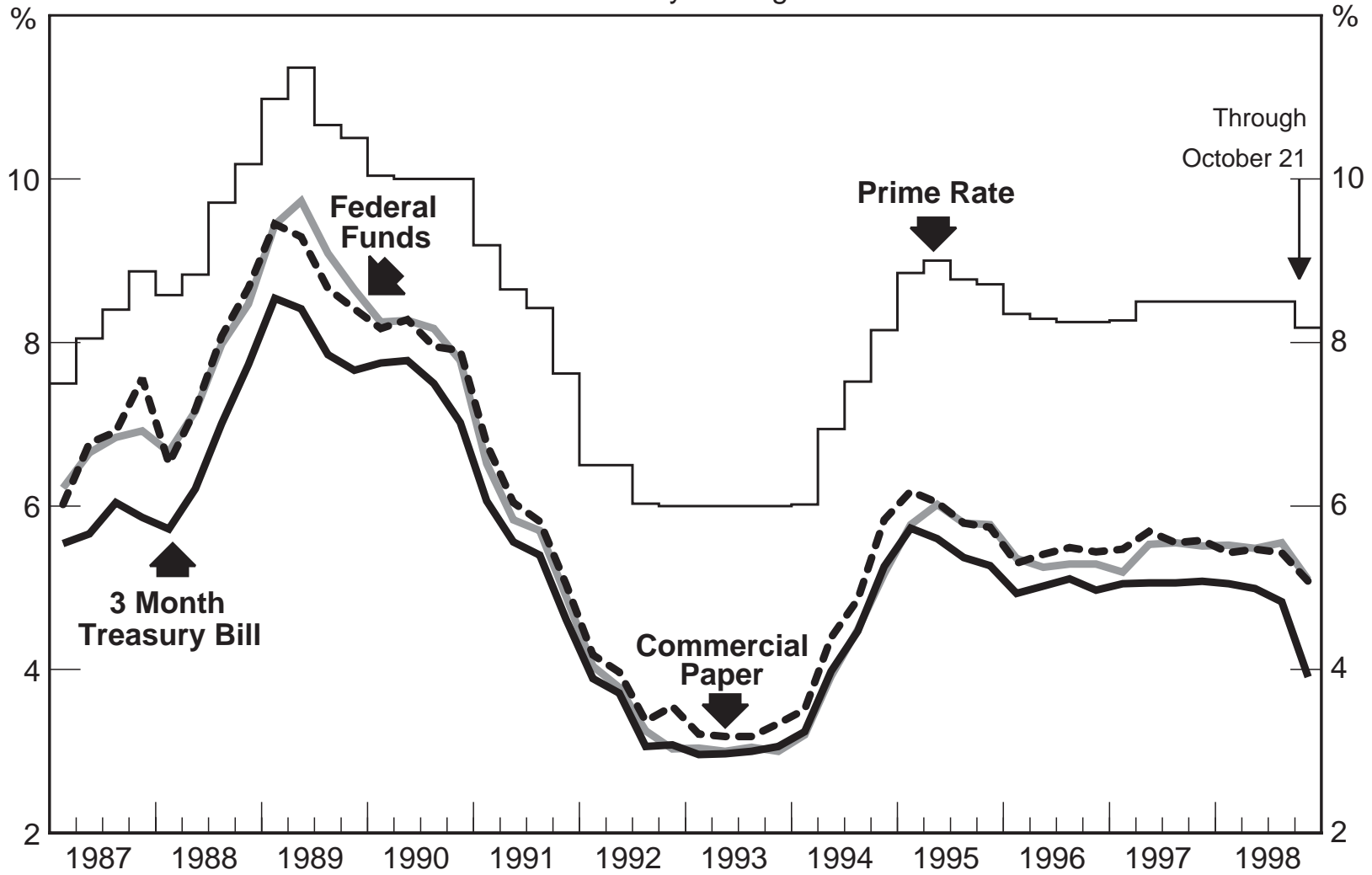
Country	August 31, 1998			December 31, 1997			December 31, 1996		
	\$ Billions	As a % of Total Foreign	As a % of Total Private	\$ Billions	As a % of Total Foreign	As a % of Total Private	\$ Billions	As a % of Total Foreign	As a % of Total Private
United Kingdom	\$267.5	21.9%	8.0%	\$251.3	20.4%	7.4%	\$155.0	14.3%	4.5%
Japan	265.9	21.7%	7.9%	277.6	22.6%	8.2%	263.3	24.2%	7.7%
Germany	95.1	7.8%	2.8%	93.9	7.6%	2.8%	75.2	6.9%	2.2%
Spain	44.1	3.6%	1.3%	51.7	4.2%	1.5%	44.1	4.1%	1.3%
Mainland China	43.2	3.5%	1.3%	47.9	3.9%	1.4%	47.2	4.3%	1.4%
OPEC	42.6	3.5%	1.3%	52.4	4.3%	1.5%	43.5	4.0%	1.3%
Hong Kong	39.7	3.2%	1.2%	35.0	2.8%	1.0%	22.6	2.1%	0.7%
Singapore	37.3	3.0%	1.1%	35.2	2.9%	1.0%	39.6	3.6%	1.2%
Taiwan	30.4	2.5%	0.9%	33.2	2.7%	1.0%	35.5	3.3%	1.0%
Switzerland	24.5	2.0%	0.7%	28.0	2.3%	0.8%	33.7	3.1%	1.0%
France	24.4	2.0%	0.7%	13.3	1.1%	0.4%	14.9	1.4%	0.4%
Netherland Antilles	21.9	1.8%	0.7%	35.7	2.9%	1.1%	38.0	3.5%	1.1%
Mexico	21.0	1.7%	0.6%	19.2	1.6%	0.6%	21.1	1.9%	0.6%
Belgium	20.9	1.7%	0.6%	26.0	2.1%	0.8%	13.0	1.2%	0.4%
Canada	10.3	0.8%	0.3%	11.5	0.9%	0.3%	13.3	1.2%	0.4%
Other	234.9	19.2%	7.0%	218.7	17.8%	6.4%	227.6	20.9%	6.7%
Estimated Foreign Total	\$1223.7	100.0%	36.5%	\$1230.6	100.0%	36.3%	\$1087.6	100.0%	31.9%

Note: RP's are included in "other". Detail may not add to totals due to rounding.

Source: Treasury Foreign Portfolio Investment Survey benchmark as of end-year 1994 and monthly data collected under the Treasury International Capital reporting system.

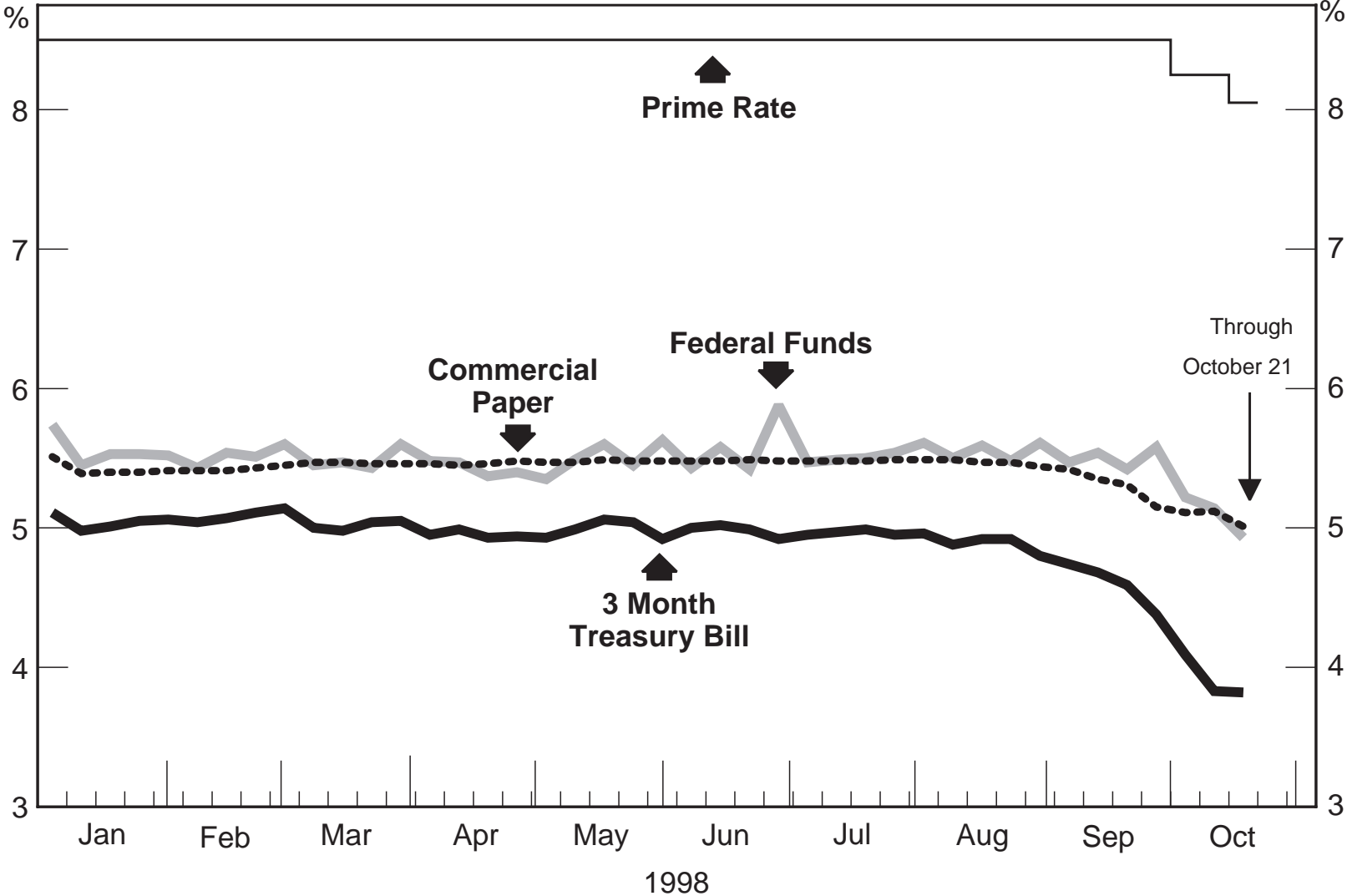
# SHORT TERM INTEREST RATES

Quarterly Averages



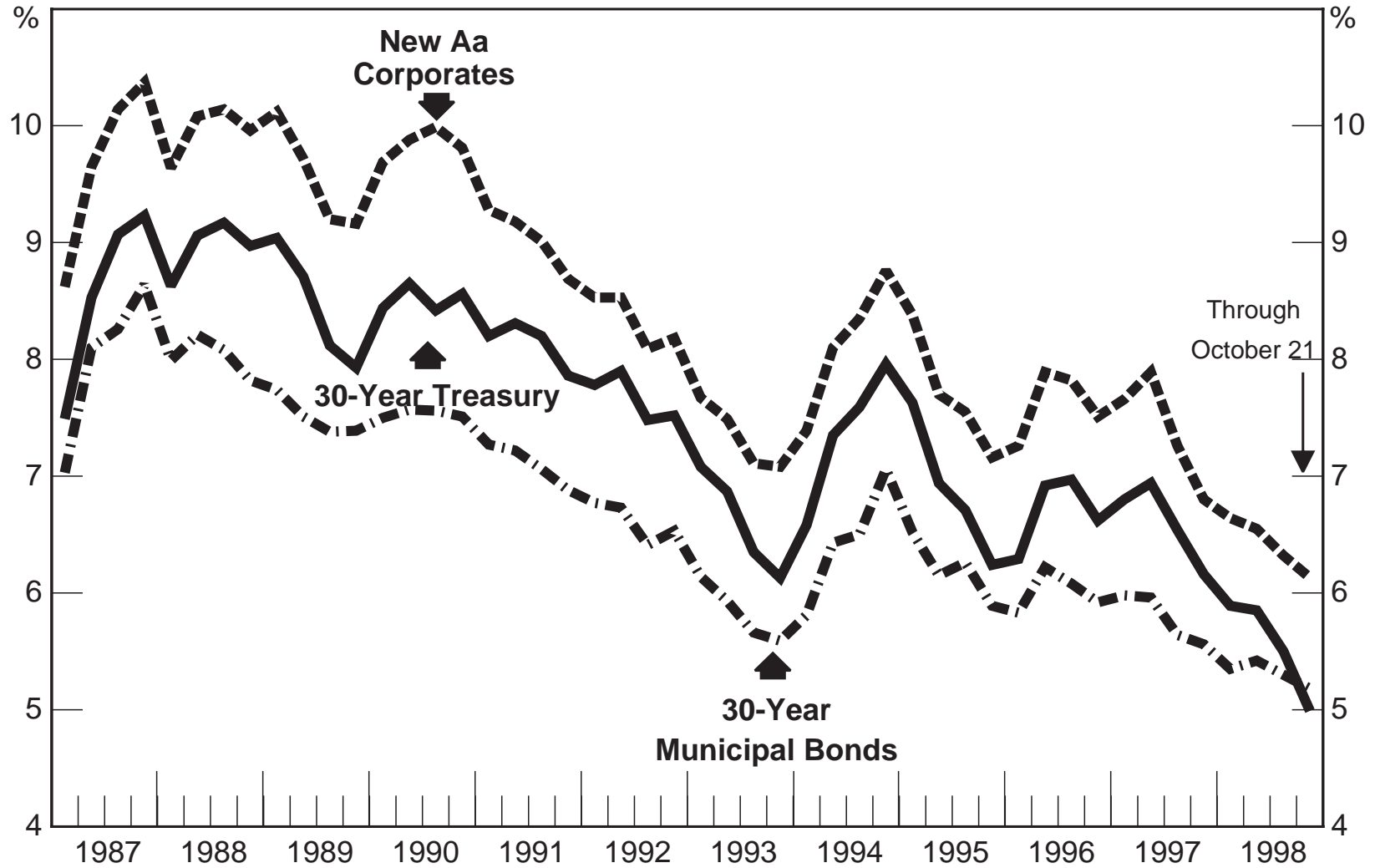
# SHORT TERM INTEREST RATES

Weekly Averages



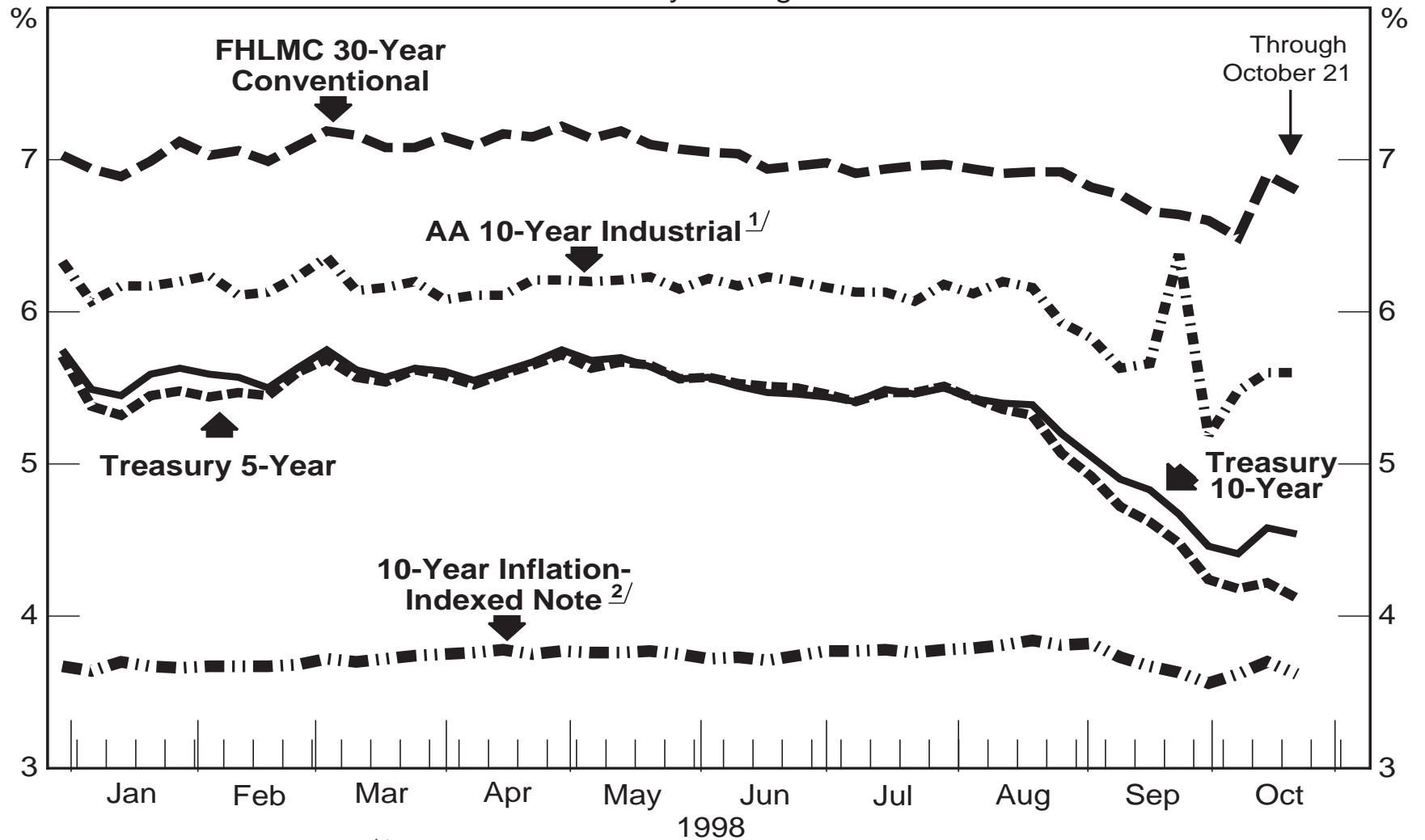
# LONG TERM MARKET RATES

Quarterly Averages



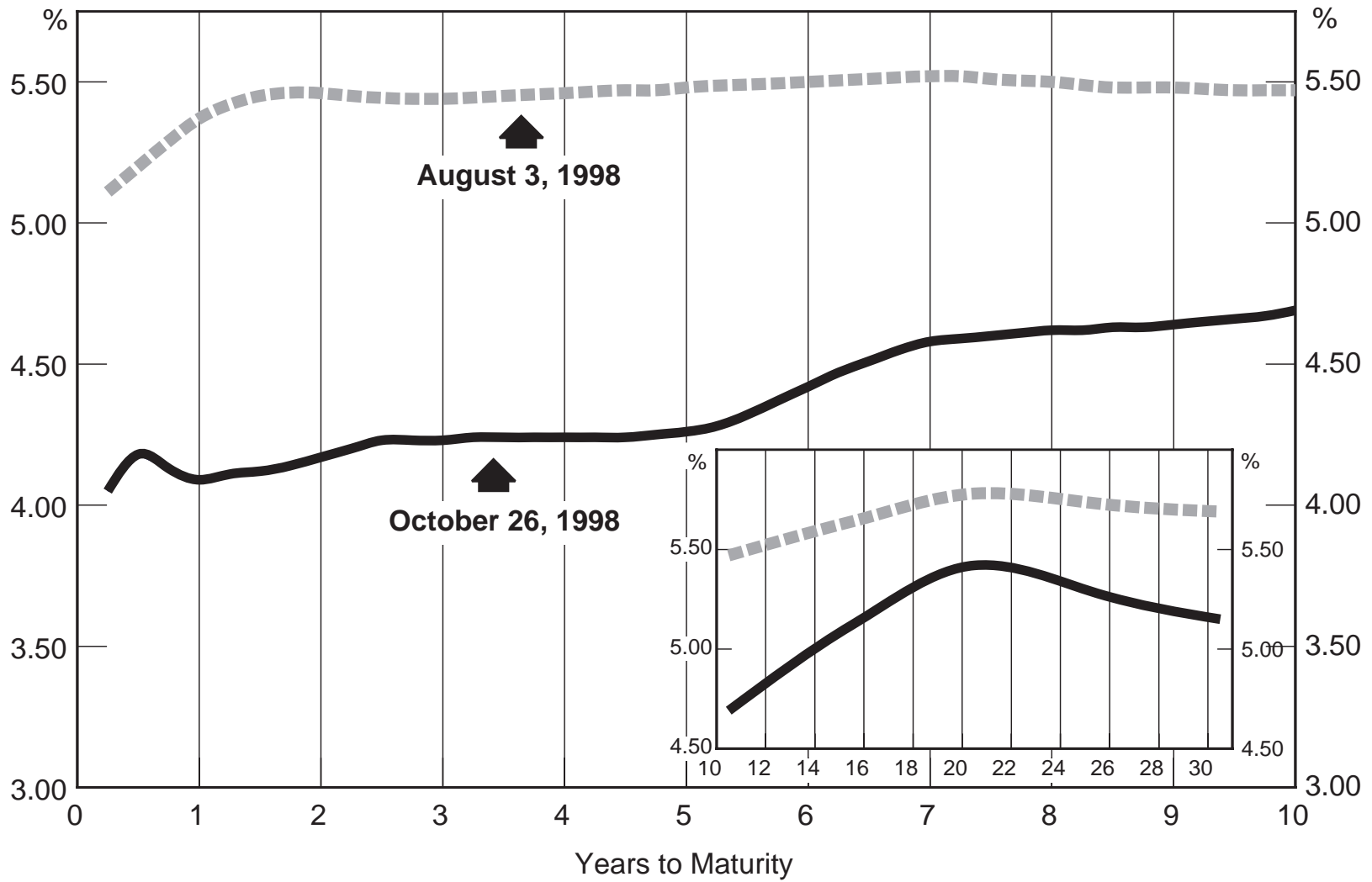
# INTERMEDIATE TERM INTEREST RATES

Weekly Averages

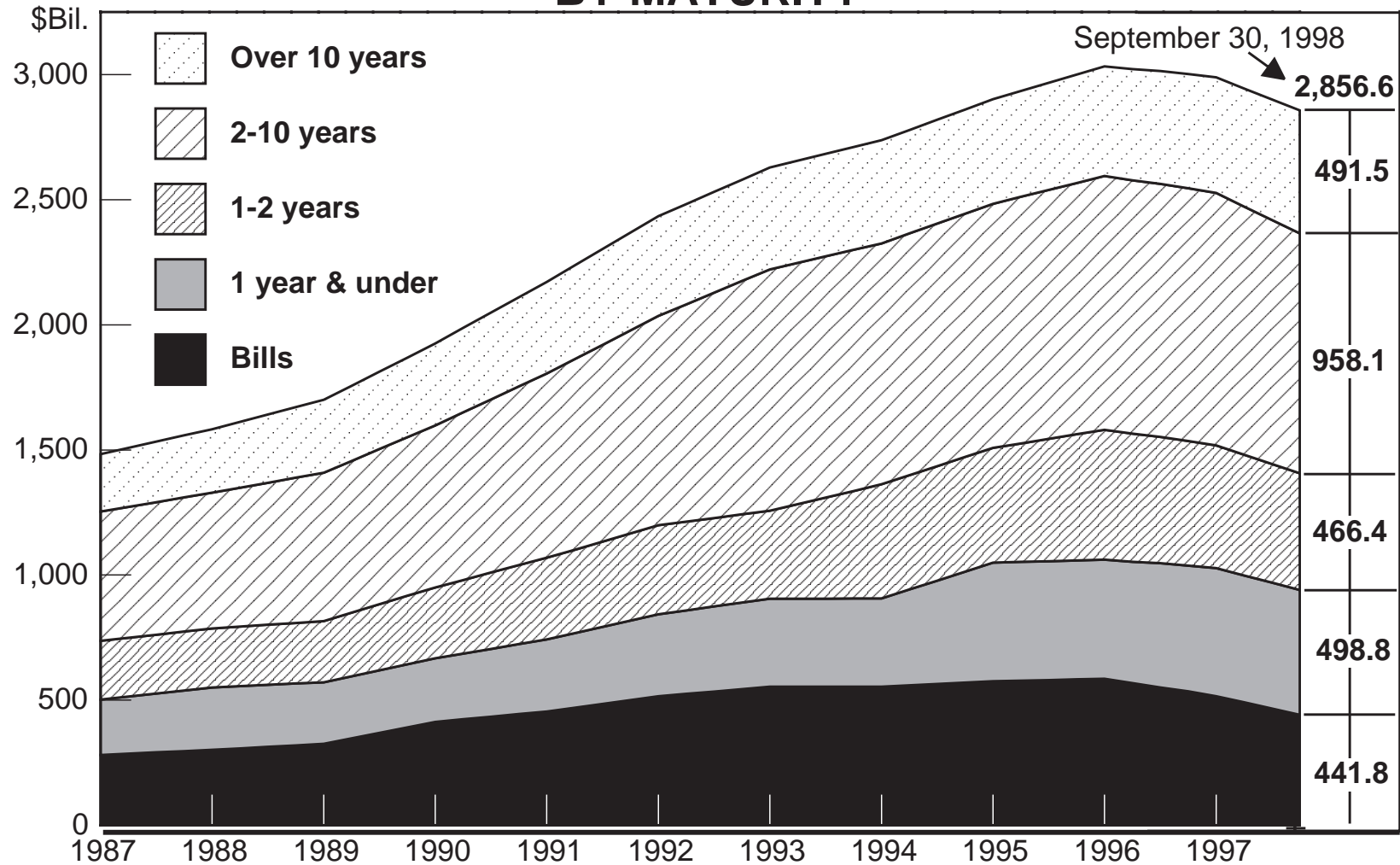


<sup>1/</sup> Salomon 10-yr. AA Industrial is a Thursday rate.  
<sup>2/</sup> The first 10-year inflation-indexed note settled on February 6, 1997.

# MARKET YIELDS ON GOVERNMENTS



# PRIVATE HOLDINGS OF TREASURY MARKETABLE DEBT BY MATURITY

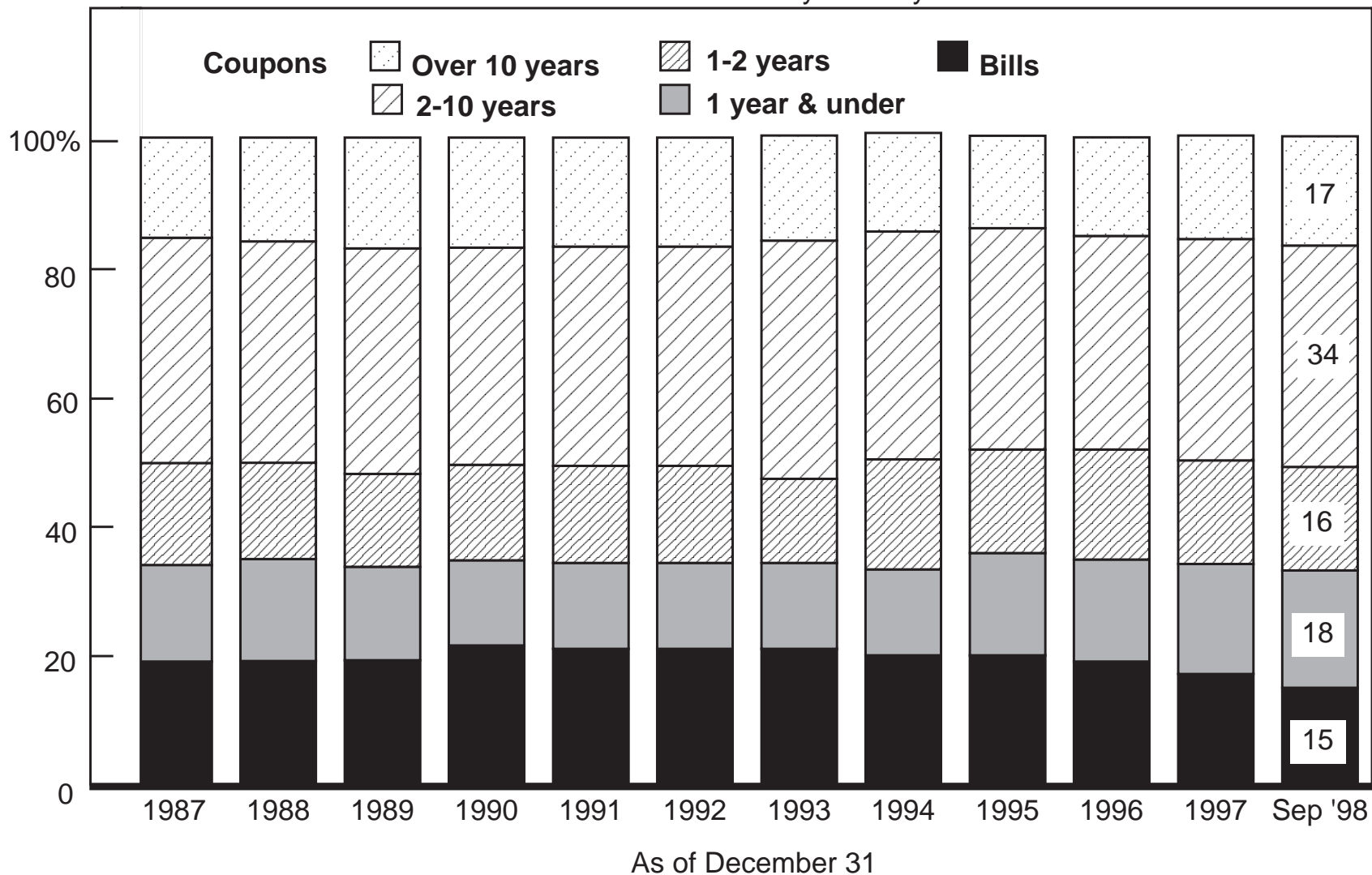


As of December 31



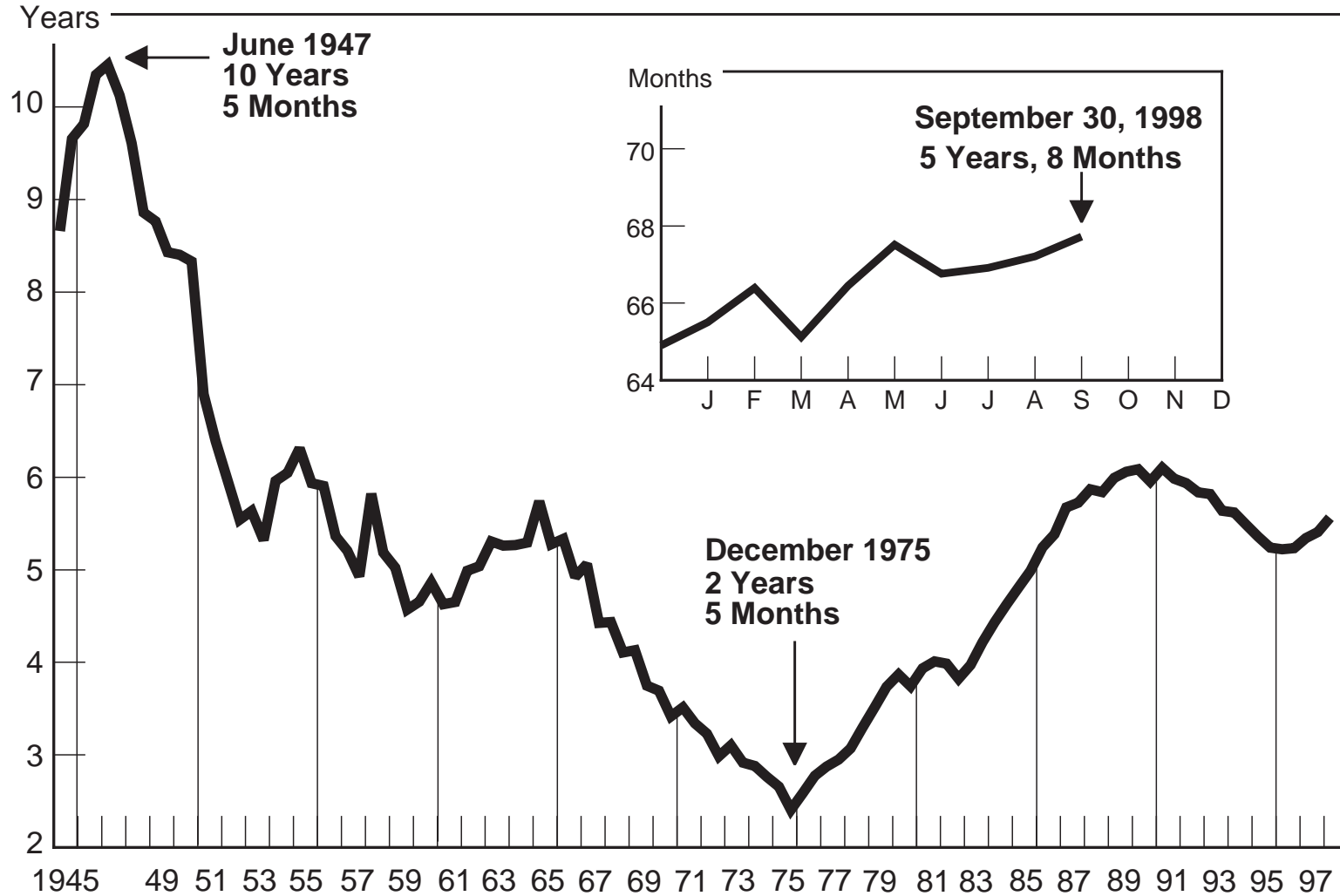
# PRIVATE HOLDINGS OF TREASURY MARKETABLE DEBT

Percent Distribution By Maturity



# AVERAGE LENGTH OF THE MARKETABLE DEBT<sup>1/</sup>

Privately Held



<sup>1/</sup> Excludes inflation-indexed notes; including IIN the average length was 5 years and 9 months as of September 30, 1998.

# MATURING COUPON ISSUES

November 1998 — March 1999

(in millions of dollars)

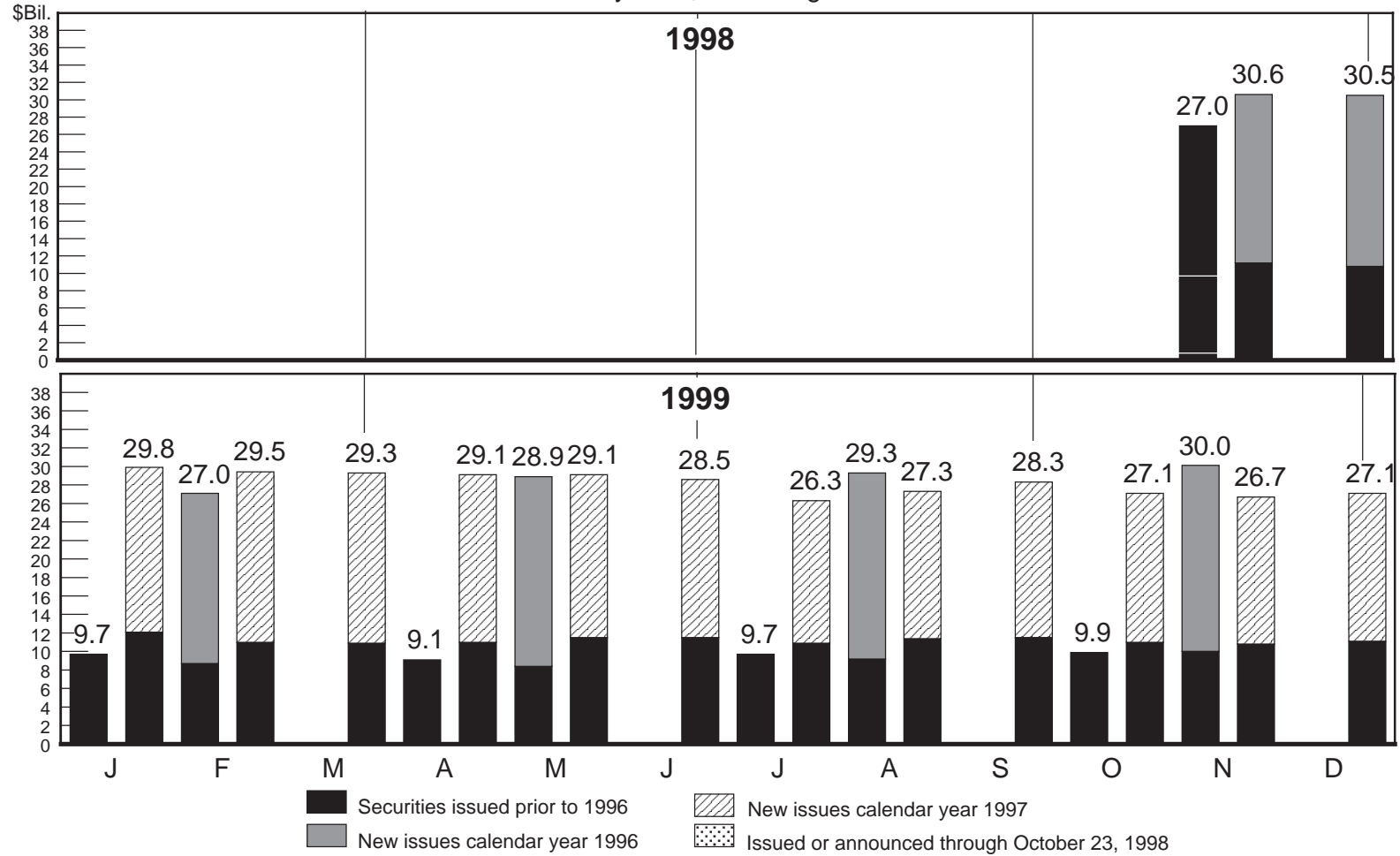
Maturing Coupons	September 30, 1998			
	Total	Held by		
		Federal Reserve	Private Investors	Foreign <sup>1/</sup> Investors
3 1/2% Bond 11/15/98	225	162 <sup>2/</sup>	63	0
8 7/8% Note 11/15/98	9,903	846	9,057	1
5 1/2% Note 11/15/98	20,598	2,721	17,877	2,762
5 1/8% Note 11/30/98	12,115	954	11,161	677
5 5/8% Note 11/30/98	20,532	1,079	19,453	4,602
5 1/8% Note 12/31/98	12,444	1,679	10,765	508
5 3/4% Note 12/31/98	20,615	1,075	19,540	5,758
6 3/4% Note 01/15/99	10,559	892	9,667	600
5 7/8% Note 01/31/99	19,468	1,712	17,756	2,901
5 % Note 01/31/99	12,900	811	12,089	2,770
8 7/8% Note 02/15/99	9,720	1,049	8,671	55
5 % Note 02/15/99	21,997	3,644	18,353	5,511
5 1/2% Note 02/28/99	11,914	890	11,024	1,571
5 7/8% Note 02/28/99	19,916	1,481	18,435	4,128
5 7/8% Note 03/31/99	12,780	1,875	10,905	1,227
6 1/4% Note 03/31/99	19,798	1,420	18,378	4,714
<b>Totals</b>	<b>235,484</b>	<b>22,290</b>	<b>213,194</b>	<b>37,782</b>

<sup>1/</sup> F.R.B. custody accounts for foreign official institutions; included in Private Investors.

<sup>2/</sup> Includes \$132 million held in Government account trust funds.

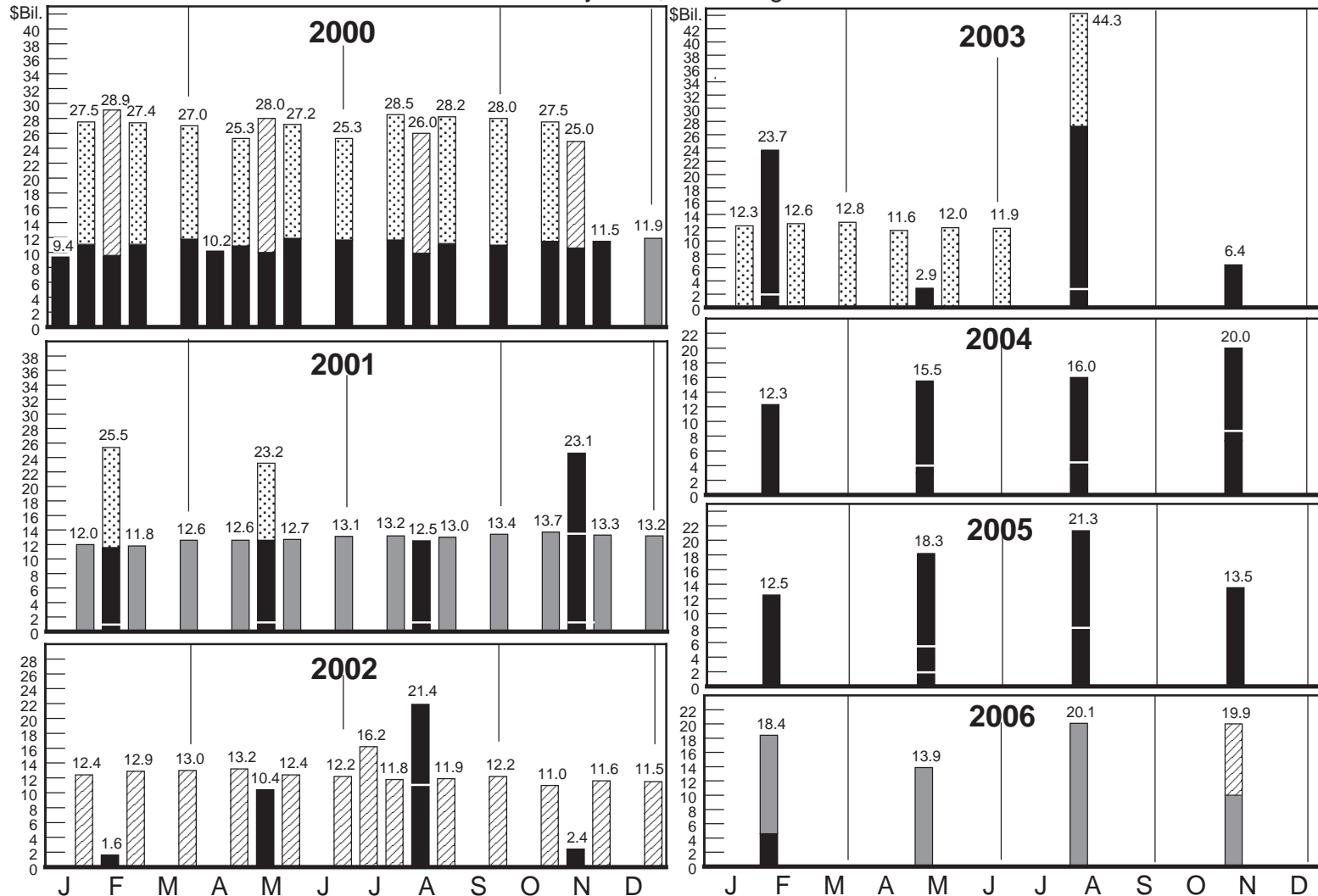
# TREASURY MARKETABLE MATURITIES

Privately Held, Excluding Bills



# TREASURY MARKETABLE MATURITIES

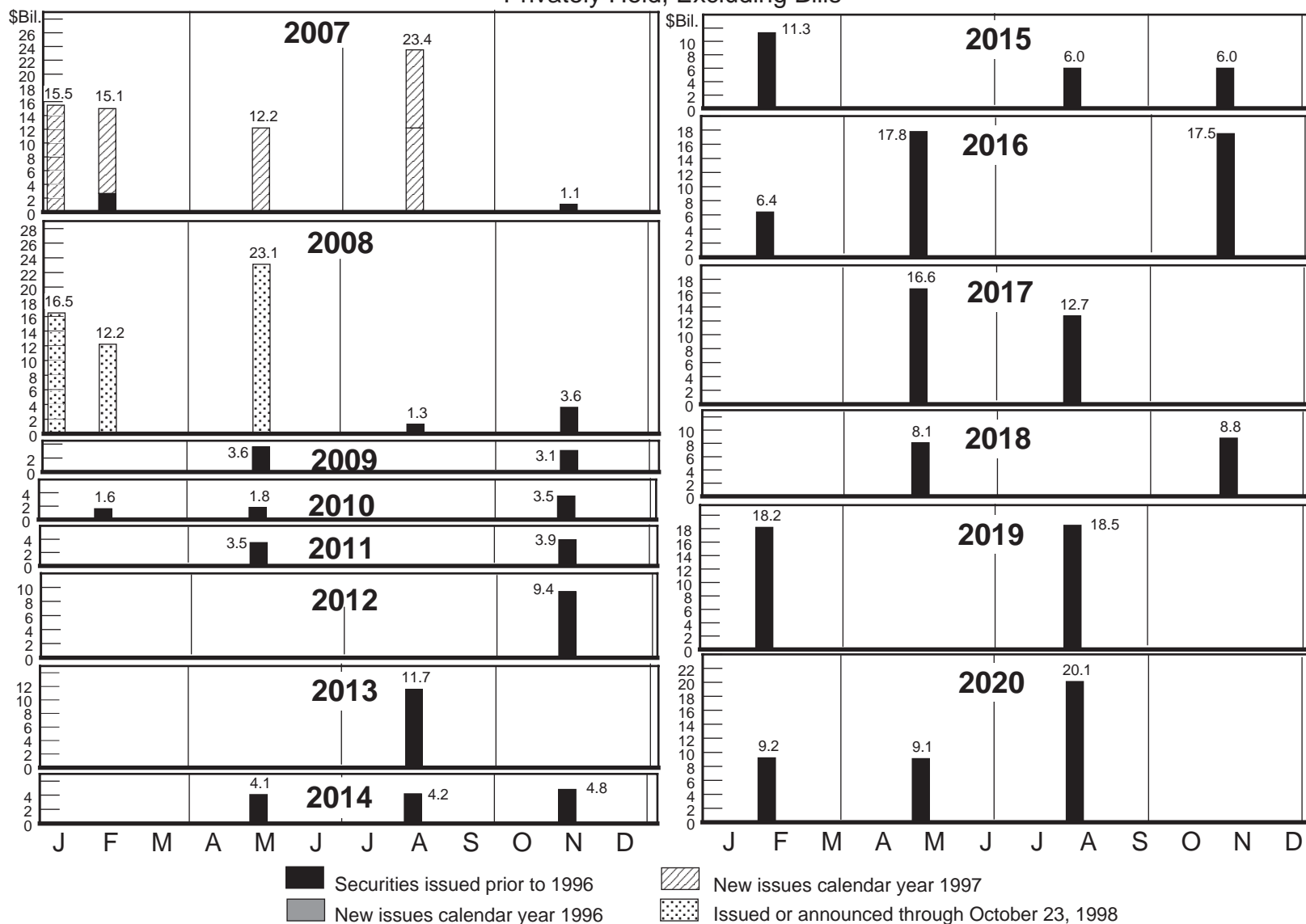
Privately Held, Excluding Bills



Securities issued prior to 1996
  New issues calendar year 1996
  New issues calendar year 1997
  Issued or announced through October 23, 1998

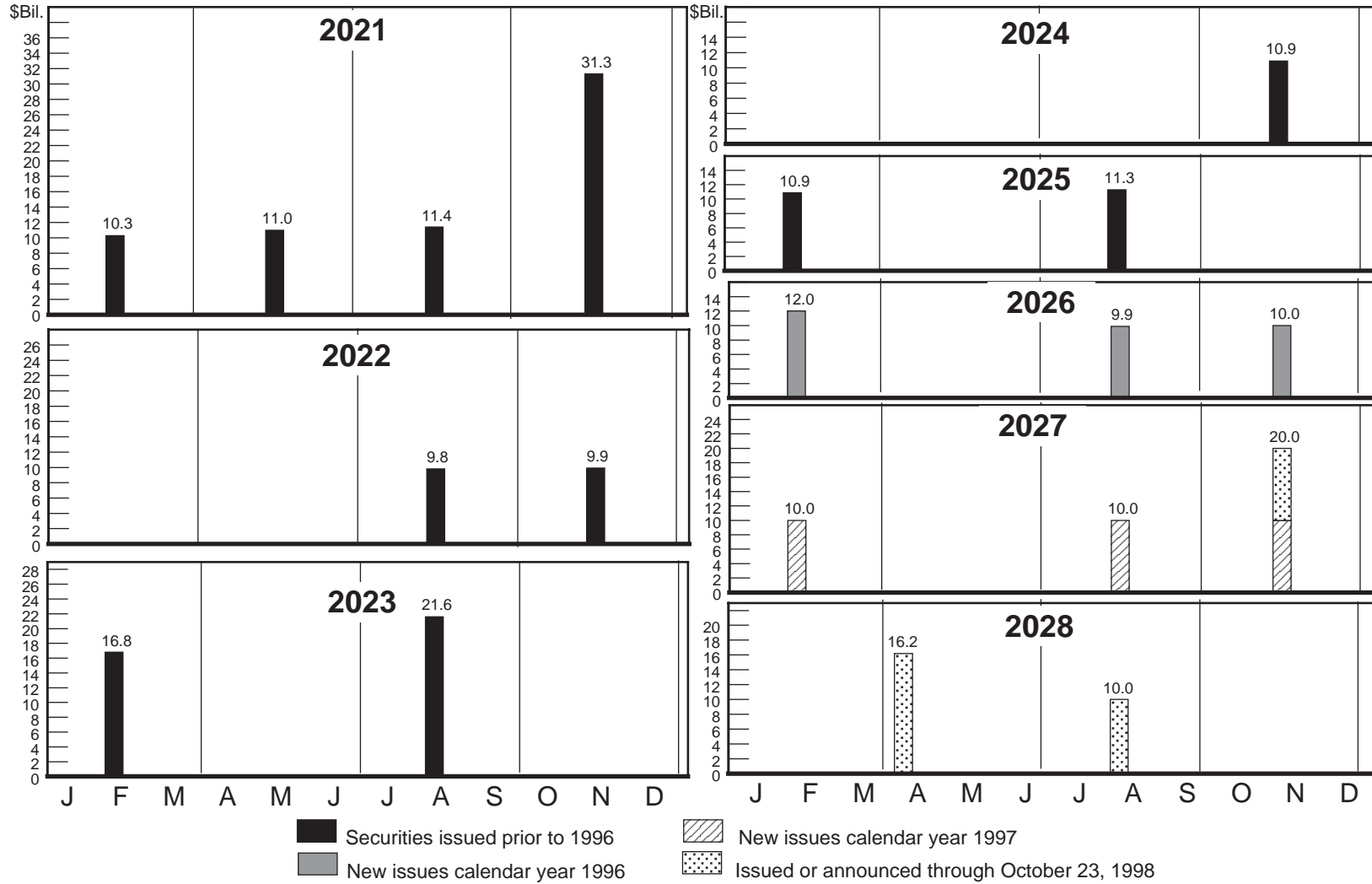
# TREASURY MARKETABLE MATURITIES

Privately Held, Excluding Bills



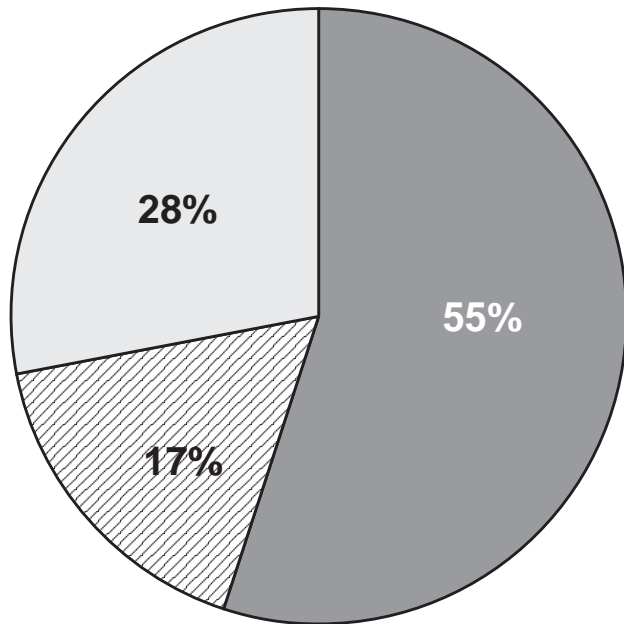
# TREASURY MARKETABLE MATURITIES

Privately Held, Excluding Bills

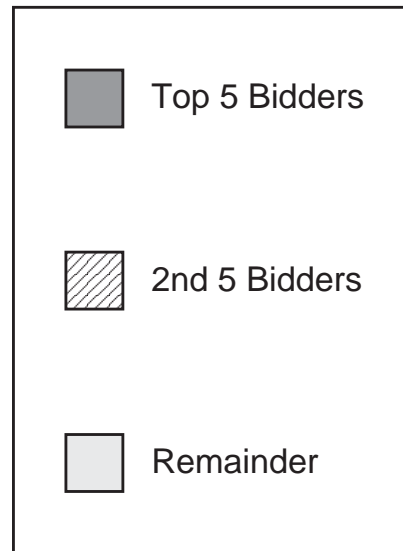
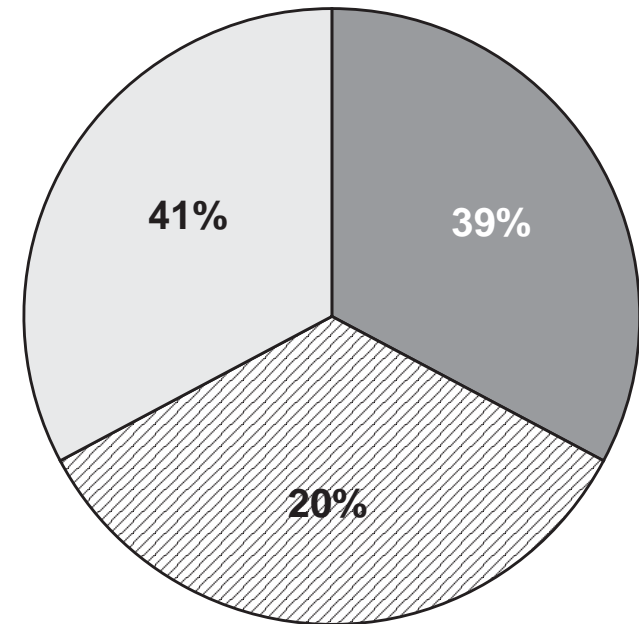


# 1998 SINGLE-PRICE AUCTION STUDY UPDATE CONCENTRATIONS OF LARGE COMPETITIVE AWARDS 2-YEAR AND 5-YEAR NOTES

**Multiple-price Period**  
January 1990 — August 1992



**Uniform-price Period**  
September 1992 — May 1998



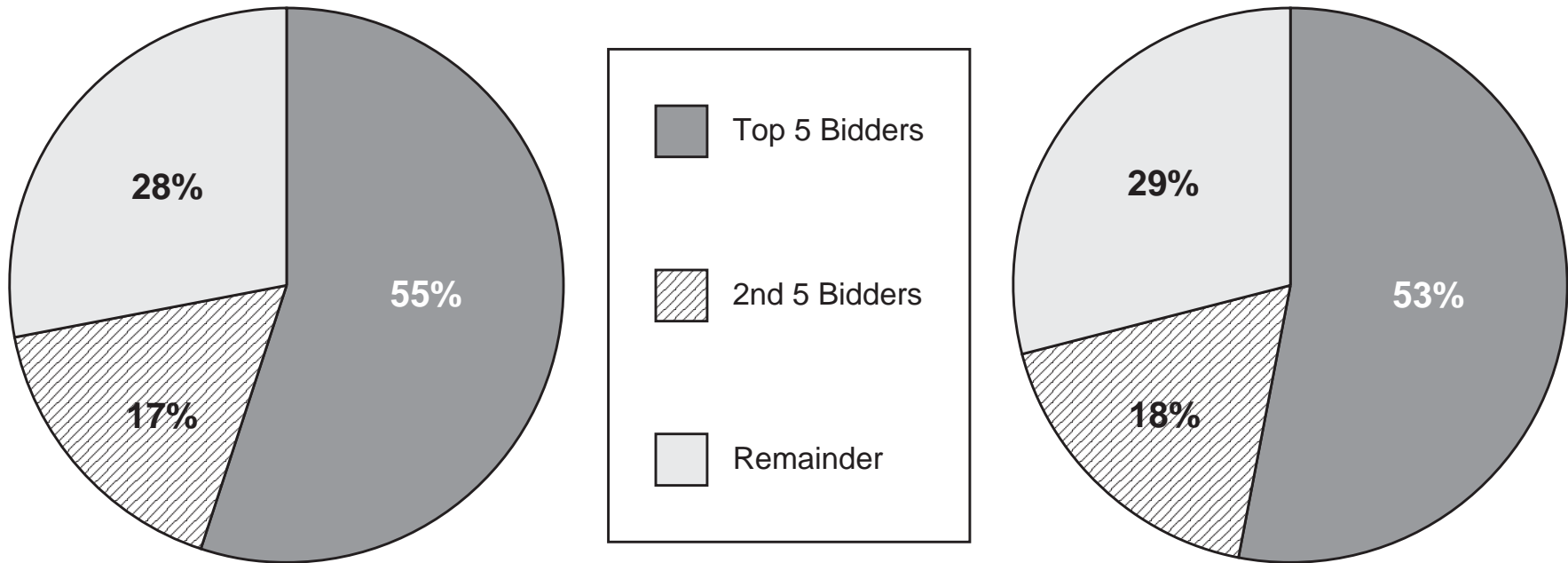
Note: Large competitive awards are based on bids greater than or equal to \$1 million accepted through New York, Chicago, and San Francisco Federal Reserve Banks and branches.



# 1998 SINGLE-PRICE AUCTION STUDY UPDATE CONCENTRATIONS OF LARGE COMPETITIVE AWARDS 3-YEAR AND 10-YEAR NOTES

January 1990 — August 1992

September 1992 — May 1998



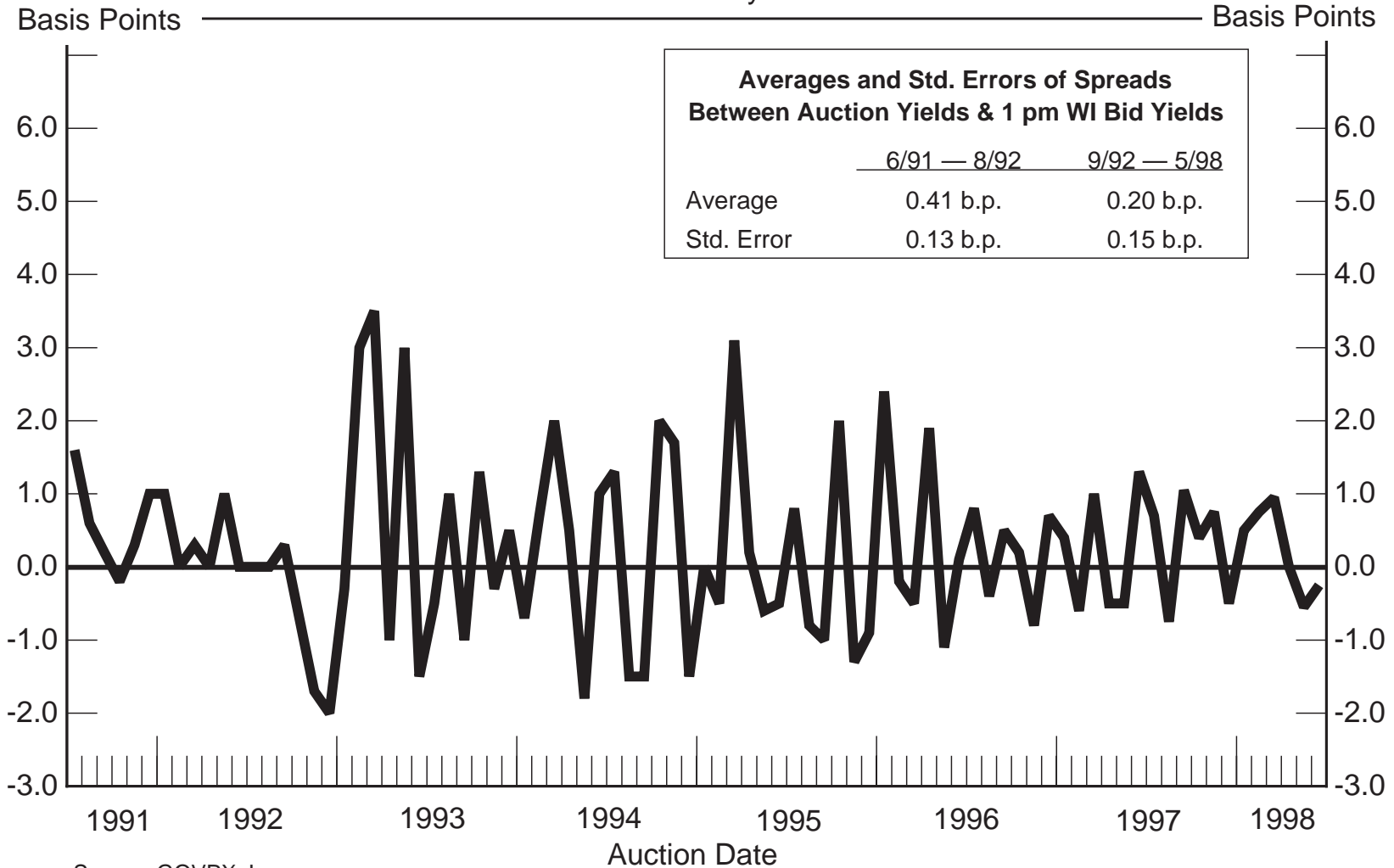
Note: Large competitive awards are based on bids greater than or equal to \$1 million accepted through New York, Chicago, and San Francisco Federal Reserve Banks and branches.

# 1998 SINGLE-PRICE AUCTION STUDY UPDATE

## 2-YEAR NOTE AUCTION SPREADS

AUCTION RESULTS — 1 PM WI BID YIELDS

June 1991 - May 1998



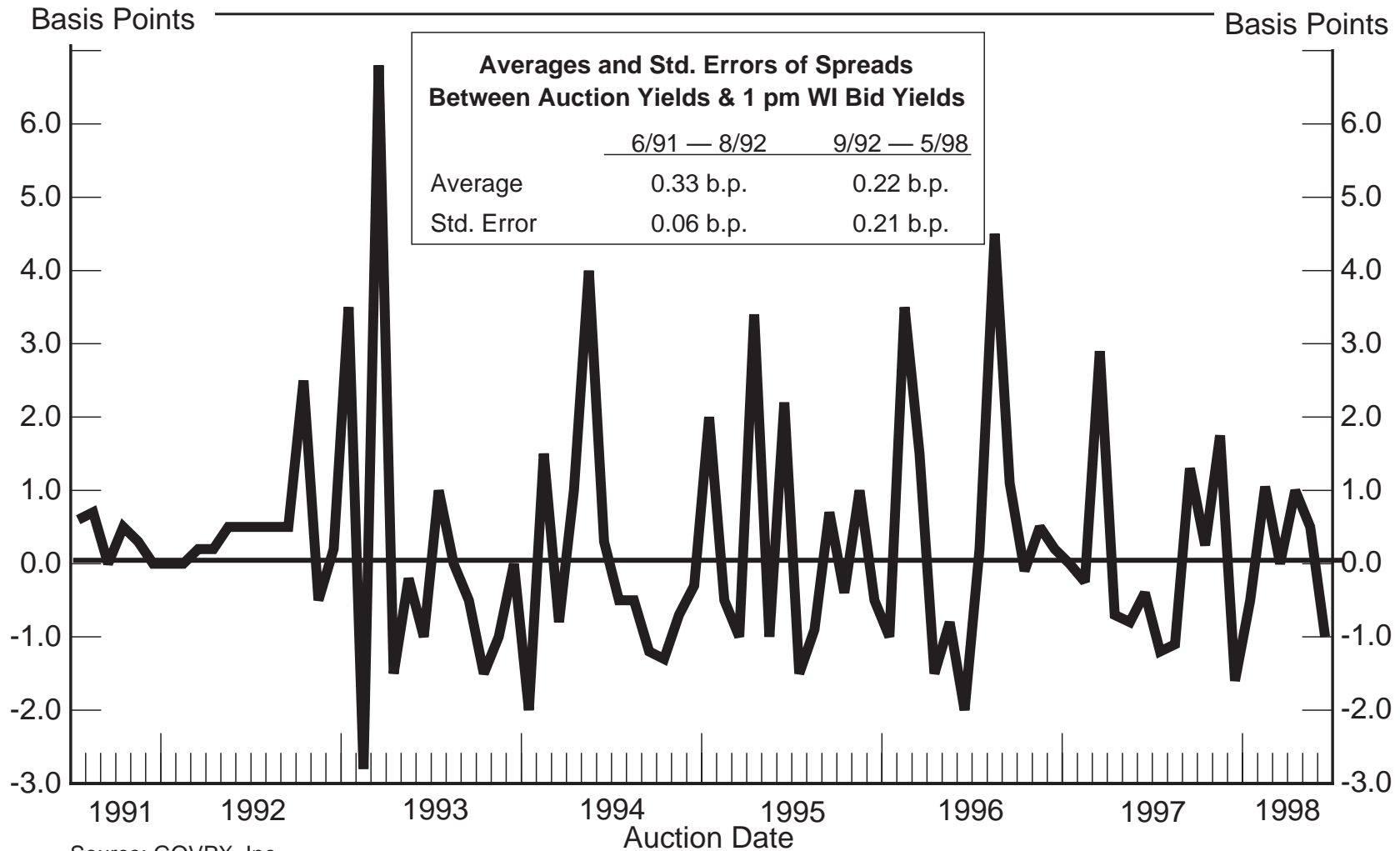
Source: GOVPX, Inc.

# 1998 SINGLE-PRICE AUCTION STUDY UPDATE

## 5-YEAR NOTE AUCTION SPREADS

AUCTION RESULTS — 1 PM WI BID YIELDS

June 1991 - May 1998

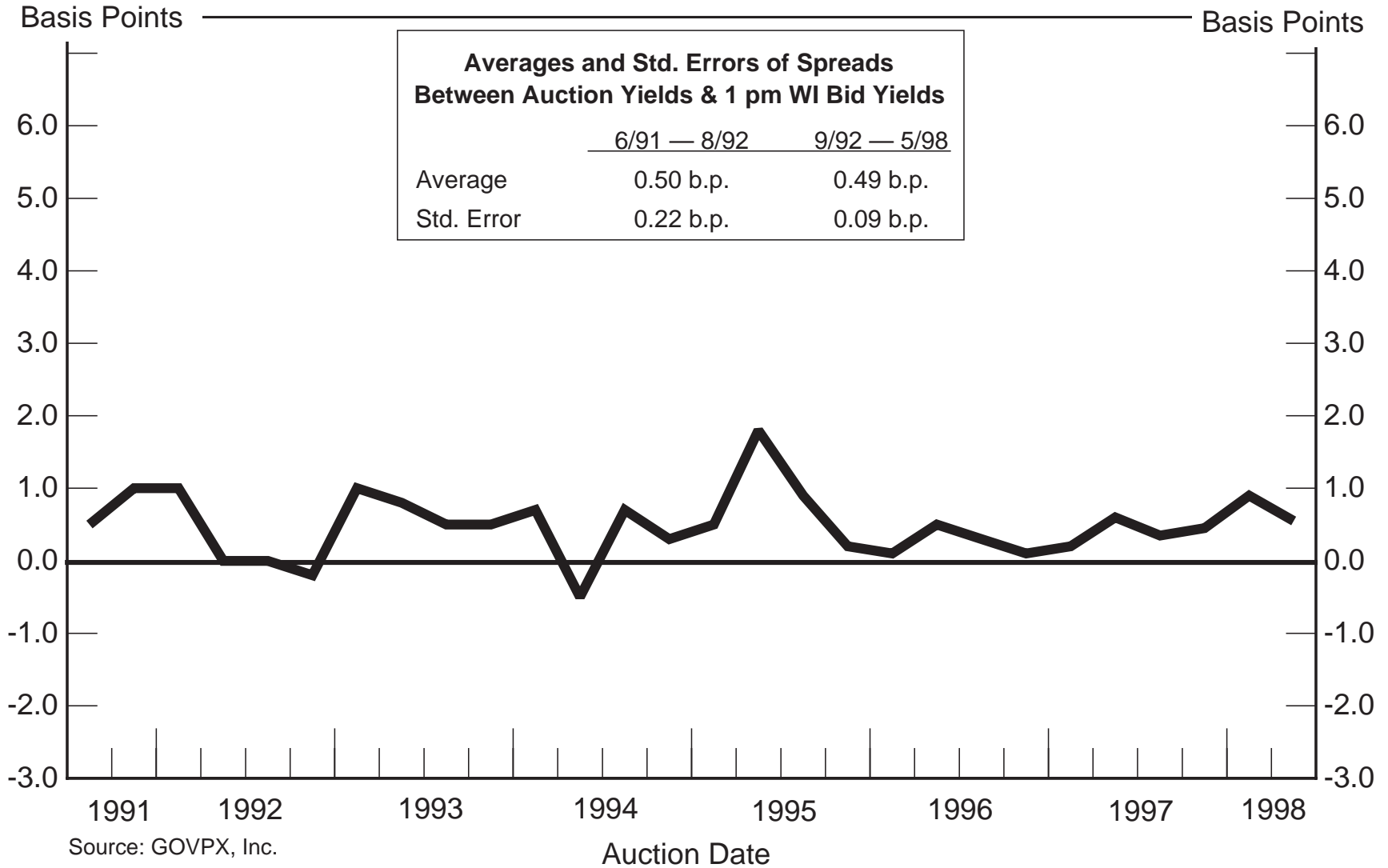


Source: GOVPX, Inc.

# 1998 SINGLE-PRICE AUCTION STUDY UPDATE

## 3-YEAR NOTE AUCTION SPREADS

AUCTION RESULTS — 1 PM WI BID YIELDS  
June 1991 - May 1998



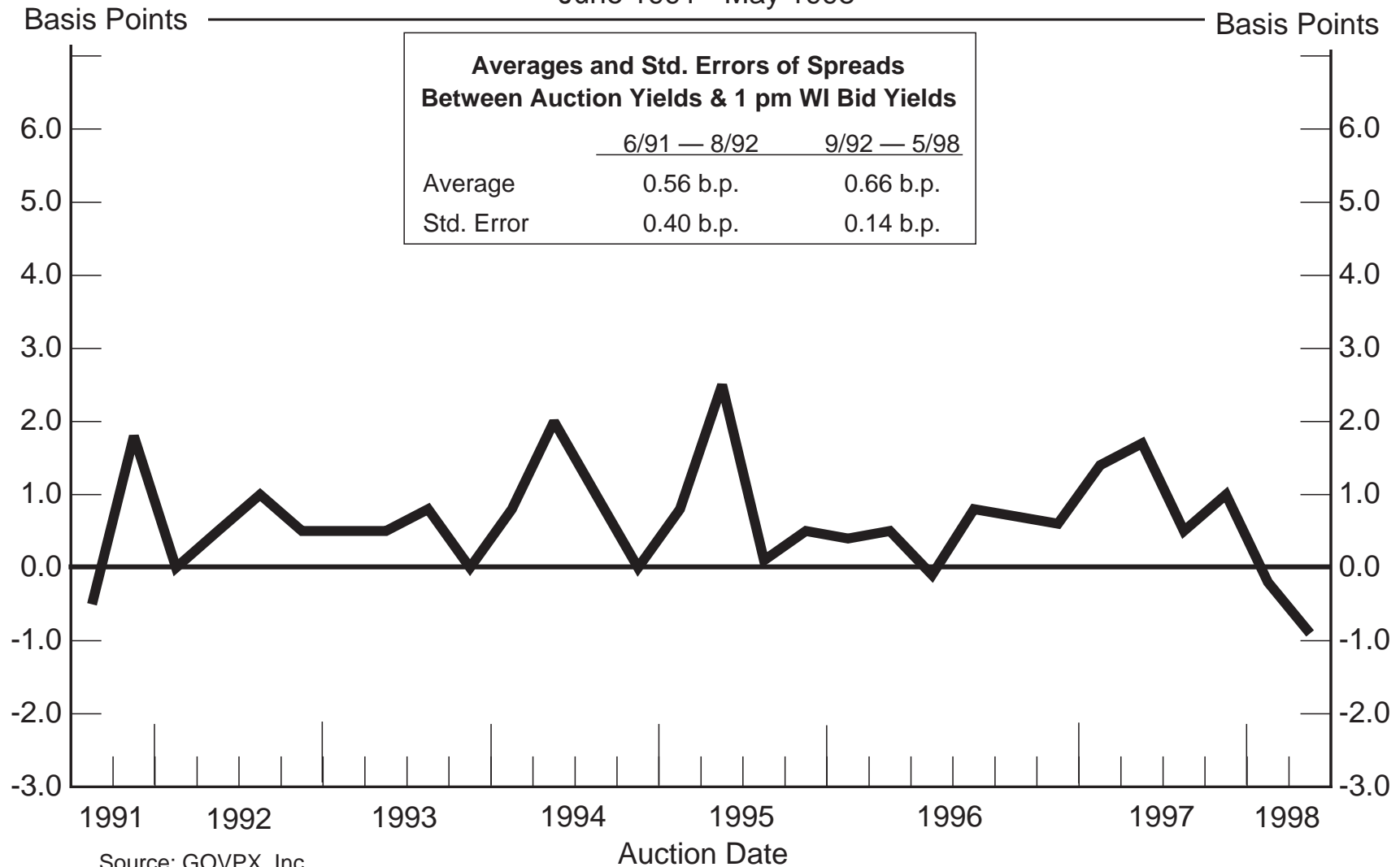
Source: GOVPX, Inc.

# 1998 SINGLE-PRICE AUCTION STUDY UPDATE

## 10-YEAR NOTE AUCTION SPREADS

AUCTION RESULTS — 1 PM WI BID YIELDS

June 1991 - May 1998



Source: GOVPX, Inc.