

# Capital Market Developments

FEDERAL RESERVE BANK  
of KANSAS CITY  
MAR 13 1978  
Research Library

March 6, 1978

Prepared by the  
CAPITAL MARKETS SECTION  
in conjunction with the  
MORTGAGE and CONSUMER  
FINANCE SECTION

DIVISION OF RESEARCH AND STATISTICS

BOARD OF GOVERNORS  
FEDERAL RESERVE SYSTEM  
Washington, D.C. 20551

---

# Index

## SUBSCRIPTION RATES:

Weekly \$15.00 per year or \$.40 each in the United States, its possessions, Canada, and Mexico; 10 or more of the same issue to one address, \$13.50 per year or \$.35 each. Elsewhere, \$20.00 per year or \$.50 each. Address requests to Publications Services, Division of Administrative Services, and make payment remittance payable to the order of the Board of Governors of the Federal Reserve System in a form collectible at par in U.S. Currency.

## TABLES

- 1 – 6 SECURITY VOLUME AND YIELDS
- 7, 8 STOCK MARKET AND SECURITY CREDIT
- 9 – 16 MORTGAGE MARKET

## SYMBOLS

- e ESTIMATE
- p PRELIMINARY
- r REVISED
- n.a. NOT AVAILABLE
- DATA DO NOT EXIST

Table 1

# YIELDS, VOLUME AND RECEPTION

WEEK ENDING	CORPORATE BOND MARKET				
	YIELDS		VOLUME		
	NEW ISSUE <sup>1</sup> Aaa UTILITY	RECENTLY <sup>2</sup> OFFERED Aaa UTILITY	GROSS <sup>3</sup> OFFERINGS (\$ MILLIONS)	PER CENT SOLD BY END OF WEEK	NEW ISSUES <sup>4</sup> IN SYNDICATE (\$ MILLIONS)
1978 - January 6	--	8.47	--	--	0
13	8.70	8.65	415	95	39
20	8.68	8.65	412	88	72
27	--	8.62	177	95	58
February 3	8.65	8.60	99	99	7
10	8.69	8.64	599r	96	35
17	--	8.68	--	--	0
24	8.71r	8.70r	472	86	55
March 3	--	8.70p	126	90	40
WEEK ENDING	MUNICIPAL BOND MARKET				
	YIELDS		VOLUME		
	MOODY'S NEW ISSUE Aaa	BOND BUYER 20-BOND INDEX	GROSS <sup>3</sup> OFFERINGS (\$ MILLIONS)	PER CENT SOLD BY END OF WEEK	NEW ISSUES <sup>4</sup> IN SYNDICATE (\$ MILLIONS)
1978 - January 6	5.15	5.64	145	87	316
13	5.25	5.75	858	89	284
20	5.20	5.74	807	82	273
27	5.20	5.70	658	88	297
February 3	5.30	5.63	951	87	154
10	5.27	5.59	461	91	151
17	5.20	5.61	751	74	251
24	5.20	5.65	332	79	231
March 3	5.15	5.63	624	73	253

## NOTES:

- 1 Federal Reserve series of implied yield on newly issued, Aaa-rated utility bond with 5-year call protection.
- 2 Federal Reserve series of implied free-market yield on competitively bid Aaa-rated utility bond with 5-year call protection, released from price restrictions sometime during the last four weeks.
- 3 Estimated by F.R. on the basis of available data.
- 4 Corporate Market: Salomon Brothers *Bond Market Roundup*; Municipal Market: *Weekly Bond Buyer*. Data are adjusted by Federal Reserve when necessary to make coverage of this series consistent with the gross offerings series.

Table 2  
**HIGH GRADE BOND YIELDS**

DATE	NEW ISSUE Aaa UTILITY <sup>1</sup>	RECENTLY OFFERED Aaa UTILITY <sup>2</sup>	MOODY'S SEASONED CORPORATE Aaa <sup>3</sup>	U.S. GOVT. 20-YEAR CONSTANT MATURITY <sup>4</sup>	BOND BUYER 20-BOND INDEX <sup>5</sup>
1973 - High	8.52 (8/10)	8.32 (8/10)	7.77 (8/24)	7.79 (6/10)	5.59 (8/3)
Low	7.29 (1/21)	7.28 (1/5)	7.11 (1/5)	6.42 (1/5)	4.99 (10/11)
1974 - High	10.61 (10/4)	10.52 (10/11)	9.39 (10/11)	8.68 (8/30)	7.15 (12/12)
Low	8.05 (2/15)	8.13 (1/4)	7.73 (1/4)	7.39 (1/4)	5.15 (2/7)
1975 - High	9.80 (5/2)	9.71 (5/25)	9.01 (5/2)	8.63 (9/19)	7.67 (10/3)
Low	8.89 (2/7)	9.06 (2/28)	8.57 (2/28)	7.63 (2/21)	6.27 (2/13)
1976 - High	8.95 (5/28)	9.10 (1/2)	8.66 (5/28)	8.17 (5/28)	7.29 (1/2)
Low	7.93 (12/10)	7.84 (12/31)	7.91 (12/31)	7.27 (12/31)	5.95 (12/16)
1977 - High	8.36 (12/16)	8.48 (12/30)	8.28 (12/30)	7.99 (12/30)	5.93 (2/4)
Low	7.90 (1/7)	7.95 (1/7)	7.88 (1/7)	7.26 (1/7)	5.45 (11/17)
1978 - Jan. 6	--	8.48	8.30	8.02	5.64
13	8.70	8.65	8.40	8.18	5.75
20	8.68	8.65	8.44	8.16	5.74
27	--	8.62	8.47	8.17	5.70
Feb. 3	8.65	8.60	8.46	8.17	5.63
10	8.69	8.64	8.46	8.20	5.59
17	--	8.68	8.47	8.25	5.61
24	8.71r	8.70r	8.49	8.25	5.65
Mar. 3	--	8.70p	8.49p	8.21p	5.63

**NOTES:**

- 1 Federal Reserve series of implied yield on newly issued, Aaa-rated utility bond with 5-year call protection.
- 2 Federal Reserve series of implied free-market yield on competitively bid Aaa-rated utility bond with 5-year call protection released from price restrictions sometime during the last 4 weeks.
- 3 Weekly average of daily closing figures.
- 4 Weekly average of daily figures. U.S. Treasury data.
- 5 Thursday figures. The average rating of the 20 bonds used in this index falls midway between the four top groups as classified by Moody's Investors Service. *Weekly Bond Buyer* data.

Table 3

# LONG-TERM CORPORATE AND STATE AND LOCAL GOVERNMENT SECURITY OFFERINGS AND PLACEMENTS

IN MILLIONS OF DOLLARS

PERIOD	GROSS PROCEEDS					
	CORPORATE <sup>1</sup>			STATE AND LOCAL <sup>2</sup>		
	1978 <sup>3</sup>	1977 <sup>1</sup>	1976 <sup>1</sup>	1978 <sup>3</sup>	1977 <sup>2</sup>	1976 <sup>2</sup>
January	2,600e	3,989	3,381	3,200e	3,556	2,451
February	2,550e	2,708	3,863	2,800e	3,435	2,885
March		5,495	6,632		4,137	3,365
April		3,639	3,507		3,456	2,218
May		3,735	4,186		4,571	3,575
June		5,321	6,439		5,787	3,115
July		4,074	3,216		3,185	2,734
August		3,322	3,357		4,080	2,821
September		3,905	4,817		3,891	2,814
October		4,032	4,431		3,800e	3,524
November		4,800e	3,047		3,300e	3,336
December		4,100e	6,480		3,400e	2,342
Q1		12,192	13,876		11,128	8,701
Q2		12,695	14,132		13,814	8,908
Q3		11,301	11,390		11,156	8,369
Q4		12,932e	13,958		10,500e	9,202
1st Half		24,887	28,008		24,942	17,609
3 Qtrs.		36,188	39,398		36,098	25,978
Year		49,120e	53,356		46,598e	35,180

**NOTES:**<sup>1</sup> Securities and Exchange Commission estimates of gross proceeds.<sup>2</sup> Securities Industry Association estimates of principal amounts.<sup>3</sup> Estimated by Federal Reserve on the basis of available data.

Table 4

# NEW CORPORATE SECURITY ISSUES BY TYPE OF ISSUE AND ISSUER

IN MILLIONS OF DOLLARS

PERIOD	GROSS PROCEEDS BY TYPE OF ISSUE						GROSS PROCEEDS BY TYPE OF ISSUER			
	TOTAL	BONDS		COMMON AND PREFERRED STOCK	MEMO		MANUFAC- TURING	PUBLIC UTILITY	COMMUNI- CATIONS	OTHER ISSUERS
		PUBLICLY OFFERED	PRIVATELY PLACED		ISSUES INCLUDED					
					FOREIGN	CONVERTIBLE				
1976 - I	13,876	7,569	2,754	3,553	1,340	262	4,497	4,044	765	4,569
II	14,132	7,427	3,584	3,121	1,843	478	3,757	3,140	1,879	5,358
III	11,390	4,904	4,624	1,861	1,267	199	2,982	3,317	378	4,715
IV	13,958	6,553	4,846	2,559	1,795	55	4,244	3,897	541	5,276
1977 - I	12,192	6,504	3,071	2,617	858	6	2,774	3,019	1,415	4,986
II	12,695	5,606	4,215	2,874	1,800	108	3,182	3,852	1,044	4,618
III	11,301	6,366	3,057	1,878	1,560	495	2,826	2,757	644	5,072
1976 - October	4,431	2,729	753	949	235	21	1,349	1,414	155	1,513
November	3,047	1,256	1,101	690	1,310	31	510	1,327	190	1,019
December	6,480	2,568	2,992	920	250	3	2,385	1,156	196	2,744
1977 - January	3,989	2,786	601	602	300	0	906	986	50	2,048
February	2,708	1,102	786	820	433	6	743	435	557	973
March	5,495	2,610	1,690	1,195	125	0	1,125	1,598	808	1,965
April	3,639	1,961	1,087	591	600	50	1,348	774	334	1,182
May	3,735	1,600	887	1,248	350	2	652	1,612	294	1,179
June	5,321	2,045	2,241	1,035	850	56	1,182	1,466	416	2,257
July	4,074	2,360	1,019	695	935	25	1,309	843	277	1,646
August	3,322	1,947	818	557	150	262	966	497	45	1,813
September	3,905	2,059	1,220	626	475	208	551	1,417	322	1,614
October	4,032	2,189	909	934	300	1	706	1,249	8	2,069

**NOTES:**

<sup>1</sup> Other issuers are extractive, railroad and other transportation, real estate and finance, and commercial and other.

Source: Securities and Exchange Commission.

Table 5A  
**INTERMEDIATE AND LONG-TERM  
PUBLIC SECURITY OFFERINGS**

**OTHER THAN U.S. TREASURY <sup>1</sup>**  
February 27 through March 3, 1978

ISSUER	TYPE	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	COUPON RATE	OFFERING YIELD	MOODY'S/S&P'S RATINGS
<b>CORPORATE</b>						
Missouri Pacific Railroad Co.	Equip. tr.	16.2	1979-1993	8.38	7.50-8.50	Aa/AA
Indiana & Michigan Elect. Co.	1st mtg.	100.0	2008	9.50	9.45	Baa/BBB
Duke Power	Com. stk.	110.0	--	--	--	--
Indiana and Michigan Elec. Co.	Pfd. stk.	40.0	--	9.00	9.00	Baa/BBB
<b>OTHER</b>						
European Investment Bank	Bonds	100.0	1998	9.25	9.30	Aaa/AAA
European Investment Bank	Notes	100.0	1985	8.63	8.70	Aaa/AAA

**NOTES:**

\* Rights offering.

<sup>1</sup> Includes only corporate and other security offerings of \$15 million and over; excludes options, exchanges, and secondary offerings.

Table 5B

# INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

OTHER THAN U.S. TREASURY <sup>1</sup>

February 27 through March 3, 1978

ISSUER	TYPE	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	NET INTEREST COST	OFFERING YIELD	MOODY'S/S&P'S RATINGS
<b>STATE AND LOCAL</b>						
Erie Co., N.Y.	G.O.	35.3	1979-2003	6.11	4.00-6.25	A/--
West View Bor. Mun. Auth., Pa.	Rev.	5.7	1989-1992	--	5.40-5.75	Baa/A
West View Bor. Mun. Auth., Pa.	Rev.	5.7	1997	--	6.00	Baa/A
West View Bor. Mun. Auth., Pa.	Rev.	5.7	2007	--	6.25	Baa/A
West View Bor. Mun. Auth., Pa.	Rev.	5.7	2017	--	6.40	Baa/A
West View Bor. Mun. Auth., Pa.	Rev.	8.2	1978-1986	--	4.00-5.10	Aaa/AAA
Idaho Housing Agy.	Rev.	24.7	1980-1998	--	4.00-5.40	Aa/AA
Idaho Housing Agy.	Rev.	10.7	2009	--	5.80	Aa/AA
Topeka, Kansas	Rev.	8.0	1990-1997	--	6.00-6.50	A/A
Topeka, Kansas	Rev.	15.7	2006	--	6.75	A/A
Topeka, Kansas	Rev.	6.1	2007	--	6.38	A/A
Philadelphia Hosp. Auth., Pa.	Rev.	12.1	1989-1997	--	5.30-5.90	Aa/AA
Philadelphia Hosp. Auth., Pa.	Rev.	12.0	2007	--	6.00	Aa/AA
Philadelphia Hosp. Auth., Pa.	Rev.	16.1	2008	--	5.88	Aa/AA
Houston Indep. Sch. Dist., Tex.	G.O.	40.0	1979-1993	4.72	3.70-4.90	Aaa/AA
Arlington, Texas	Rev.	7.2	1979-1998	5.08	3.90-5.40	A/A
Arlington, Texas	G.O.	11.0	1980-1999	4.99	4.00-5.25	A/A-
South Carolina, State of	G.O.	65.4	1979-1996	4.64	3.50-4.90	Aaa/AAA
New York State Housing Fin. Agy.	Rev.	7.9	1978-1989	6.47	4.00-6.15	A/AA
New York State Housing Fin. Agy.	Rev.	7.5	1998	6.47	6.38	A/AA
New York State Housing Fin. Agy.	Rev.	4.5	1993	6.47	6.25	A/AA
New York State Housing Fin. Agy.	Rev.	10.3	2003	6.47	6.40	A/AA
New York State Housing Fin. Agy.	Rev.	12.5	2008	6.47	6.53	A/AA
Lincoln, Neb.	Rev.	8.2	1979-2000	--	3.95-5.85	A-1/AA

## NOTES:

<sup>1</sup> Includes only state and local security offerings of \$10 million and over; excludes secondary offerings.

<sup>2</sup> For State and local government securities, G.O. denotes general obligation; Rev. denotes revenue obligations.



Table 5B Continued

# INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

OTHER THAN U.S. TREASURY

February 27 through March 3, 1978

ISSUER	TYPE	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	NET INTEREST COST	OFFERING YIELD	MOODY'S/S&P'S RATINGS
<b>STATE AND LOCAL</b>						
Lincoln, Neb.	Rev.	44.7	2014	--	5.93	A-1/AA
Lincoln, Neb.	Rev.	5.4	1979-1998	--	3.95-5.60	A-1/A+
Lincoln, Neb.	Rev.	9.7	2012	--	6.00	A-1/A+

Table 6A

# FORTHCOMING INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

## OTHER THAN U.S. TREASURY <sup>1</sup>

As of March 3, 1978

ISSUER	TYPE	AMOUNT (IN MILLIONS OF DOLLARS)	APPROXIMATE DATE OF OFFERING
<b>CORPORATE</b>			
Philadelphia Electric Co.	1st mtg.	100.0	Mar. 7
Montgomery Ward Credit Corp.	Debt.	75.0	Mar. 7
First National Boston Corp.	Notes	100.0	Mar. 7
Central & South West Corp.	Com. stk.	108.0	Mar. 7
Guarantee Savings & Loan Assoc.	Mtg. backed	50.0	Mar. 7
Atchison Topeka & Santa Fe Railroad Co.	Equip. tr.	21.0	Mar. 7
Southwestern Public Service Co.	1st mtg.	45.0	Mar. 8
Southwestern Public Service Co.	Com. stk. (rts)	25.0	Mar. 8
Washington Water Power Co.	Pfd. stk.	25.0	Mar. 8
Ohio Power Co.	1st mtg.	38.0	Mar. 14
Ohio Power Co.	Pfd. stk.	40.0	Mar. 14
Texas Utils. Inc.	Com. stk.	100.0	Mar. 14
Kansas City Power & Light Co.	Com. stk.	35.0	Mar. 15
Alabama Power Co.	1st mtg.	100.0	Mar. 15
Central Maine Power Co.	Com. stk.	26.0	Mar. 16
Soo Line Railroad Co.	Equip. tr.	15.2	Mar. 16
Kansas Gas & Elect. Co.	1st mtg.	30.0	Mar. 21
New York State Elect. & Gas Co.	1st mtg.	50.0	Mar. 21
New York State Elect. & Gas Co.	Com. stk.	38.0	Mar. 21
Southern Railway Co.	Equip. tr.	22.1	Mar. 21
Connecticut Light & Power Co.	1st mtg.	40.0	Mar. 22
Columbus & Southern Ohio Elect. Co.	1st mtg.	45.0	Mar. 23
United Illuminating Co.	Com. stk.	21.0	Mar. 28
Southern Pacific Transp. Co.	Equip. tr.	18.8	Mar. 28
Interstate Power Co.	1st mtg.	35.0	Mar. 28
Mountain States Tel. & Tele. Co.	Debt.	225.0	Mar. 28
Pennsylvania Power & Light Co.	Com. stk.	75.0	Mar. 29
Public Service Co. New Mexico	Pfd. stk.	26.0	Mar. 29
General Tel. Co. of California	Debt.	50.0	Mar. 30
*California Life Corp.	Debt.	20.0	Mar.
*Home Savings & Loan Assoc.	Mtg. backed	100.0	Mar.
CIT Financial Corp.	Debt.	100.0	Mar.
CIT Financial Corp.	Debt.	100.0	Mar.
*Long Island Lighting Co.	1st mtg.	75.0	Apr. 4
*San Diego Gas & Elect. Co.	1st mtg.	60.0	Apr. 4
*Minnesota Power & Light Co.	1st mtg.	50.0	Apr. 5
Minnesota Power & Light Co.	Com. stk.	26.0	Apr. 5
*Consolidated Natural Gas Co.	1st mtg.	75.0	Apr. 11

**NOTES:**

\* Included in table for first time.

1 Includes only corporate and other security issues of \$15 million and over; excludes exchanges, options

Table 6A Continued

# FORTHCOMING INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

OTHER THAN U.S. TREASURY <sup>1</sup>

As of March 3, 1978

ISSUER	TYPE	AMOUNT (IN MILLIONS OF DOLLARS)	APPROXIMATE DATE OF OFFERING
<b>CORPORATE</b>			
San Diego Gas & Electric Co.	Com. stk.	30.0	Apr.
Indianapolis Power & Light Co.	Com. stk.	24.0	Indef.
American Savings & Loan Assoc.	Mtg. backed	150.0	Indef.
<u><b>OTHER</b></u>			
*Canadian Government	Bonds	750.0	Indef.
European Atomic Energy Community	Bonds	75.0	Indef.

Table 6B

# FORTHCOMING INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

OTHER THAN U.S. TREASURY <sup>1</sup>

As of March 3, 1978

ISSUER	TYPE	AMOUNT (IN MILLIONS OF DOLLARS)	APPROXIMATE DATE OF OFFERING
<b>STATE &amp; LOCAL</b>			
California, State of	G.O.	100.0	Mar. 7
Minnesota Housing Fin. Agy.	Rev.	129.7	Mar. 8
Terrebonne Parish., La.	Rev.	10.0	Mar. 8
*Sikeston, Mo.	Rev.	90.0	Mar. 9
Port Auth. of New York & New Jersey	Rev.	75.0	Mar. 9
*Richmond Redev. Agy., Cal.	Rev.	22.8	Mar. 13
*New York, State of	G.O.	50.0	Mar. 14
*Eden Prairie, Minn.	G.O.	11.2	Mar. 14
S. California Metro. Water Dist.	Rev.	147.5	Mar. 14
Anchorage, Alaska	G.O.	13.4	Mar. 14
*Honolulu, Hawaii	G.O.	12.0	Mar. 15
Beaverton Sch. Dist. #48, Ore.	G.O.	12.6	Mar. 15
Maryland, State of	G.O.	78.8	Mar. 15
Philadelphia, Pa.	Rev.	80.0	Mar. 17
*Aiken Co. Sch. Dist., S.C.	G.O.	13.0	Mar. 21
*Texas, State of	G.O.	25.0	Mar. 21
*Jefferson Co., Texas	G.O.	18.0	Mar. 21
South Carolina Pub. Service Auth.	Rev.	200.0	Mar. 21
Lombard, Ill.	G.O.	16.4	Mar. 23
New Mexico, State of	Rev.	22.0	Mar. 27
Los Angeles Dept. of Water & Power, Cal.	Rev.	100.0	Mar. 29
Montgomery Co., Ohio	Rev.	52.5	Mar.
*Washington Public Power Supply Sys.	Rev.	180.0	Mar.
*El Cajon Civic Center Auth., Cal.	Rev.	44.8	Apr. 4
*Dallas, Texas	G.O.	32.5	Apr. 5

## NOTES:

<sup>1</sup> Includes state and local government issues of \$10 million and over, foreign government, International Bank for Reconstruction issues of Federally sponsored agencies; excludes secondary offerings.

\* Included in the table for the first time.

Table 7  
**STOCK PRICES AND VOLUME**

DATE	STOCK PRICES <sup>1</sup>				TRADING VOLUME <sup>2</sup>		
	NYSE INDEX <sup>3</sup>	DJ INDUSTRIALS	AMEX <sup>4</sup>	NASDAQ	NYSE	AMEX	NASDAQ
1974-High	53.37 (3/13)	891.66 (3/13)	102.01 (3/14)	96.53 (3/15)	24.9 (1/3)	4.4 (1/3)	7.5 (1/3)
Low	32.89 (10/3)	577.60 (12/6)	58.26 (12/9)	54.87 (10/3)	7.5 (7/5)	.9 (9/26)	2.8 (7/5)
1975-High	51.24 (7/15)	881.81 (7/15)	96.86 (7/15)	88.00 (7/15)	35.2 (2/13)	4.2 (2/21)	8.1 (2/13)
Low	37.16 (1/8)	632.04 (1/2)	62.20 (1/2)	60.70 (1/2)	8.7 (9/15)	1.1 (9/15)	2.5 (9/15)
1976-High	57.51 (9/21)	1014.79 (9/21)	107.05 (7/12)	92.52 (7/15)	44.5 (2/20)	8.6 (2/20)	11.1 (2/20)
Low	48.04 (1/2)	858.71 (1/2)	84.31 (1/2)	78.06 (1/2)	10.3 (1/2)	1.1 (1/2)	3.5 (1/2)
1977-High	57.69 (1/3)	999.75 (1/3)	127.89 (12/30)	105.05 (12/30)	35.3 (11/11)	4.2 (1/13)	11.2 (11/10)
Low	49.78 (11/2)	800.85 (11/2)	109.61 (1/12)	93.66 (4/5)	10.6 (10/10)	1.4 (9/22)	5.1 (5/27)
1978-High	51.82 (1/3)	817.74 (1/3)	126.69 (1/3)	104.00 (1/3)	28.0 (1/9)	2.9 (1/9)	10.2 (1/6)
Low	48.43 (2/28)	742.12 (2/28)	119.73 (1/11)	99.09 (1/11)	7.6 (1/20)	1.3 (1/20)	2.8 (1/20)
<b>1978</b>							
Jan. 6	50.64	793.49	123.05	101.66	22.9	2.5	9.4
13	49.57	775.73	120.64	99.77	23.4	2.2	8.6
20	49.73	776.94	121.83	100.63	17.7	2.0	6.5
27	49.06	764.12	120.84	100.62	18.8	2.4	7.1
Feb. 3	49.72	770.96	122.78	102.22	20.4	2.3	8.2
10	50.01	775.99	124.64	103.58	17.0	2.2	7.4
17	48.90	752.69	122.95	102.25	19.5	2.3	8.6
24	49.19	756.24	123.87	102.70	20.4r	2.3r	7.7r
Mar. 3	48.67	747.31	123.07	101.95	20.3	2.3	8.1

**NOTES:**

- 1 Figures other than highs and lows are Fridays only. Highs and lows are for the year and are not necessarily for Fridays.
- 2 Volume figures are weekly averages of daily figures (millions of shares).
- 3 12/31/65 = 50
- 4 Based on average price change until September 4, 1973 thereafter, based on market value of shares listed.

Table 8

## SECURITY CREDIT

END OF PERIOD	REGULATED MARGIN CREDIT EXTENDED BY			UNREGULATED NONMARGIN STOCK CREDIT AT BANKS
	BROKERS ON <sup>1</sup> MARGIN STOCK	BROKERS ON <sup>2</sup> CONVERTIBLE BONDS	BANKS <sup>3</sup>	
<b>OUTSTANDING</b>				
1976 - October	7,530	169	1,067	2,253
November	7,610	178	864	2,312
December	7,960	204	845	2,283
1977 - January	8,270	196	832	2,312
February	8,480	197	844	2,319
March	8,690	199	810	2,312
April	8,880	196	807	2,350
May	9,070	196	801	2,345
June	9,230	198	873	2,551
July	9,460	204	875	2,568
August	9,560	200	885	2,587
September	9,590	196	881	2,581
October	9,560	191	882	2,579
November	9,610	246 <sup>5/</sup>	872	2,604
December	9,740	250	873	2,568
1978 - January	9,590			
<b>CHANGE IN OUTSTANDING</b>				
1976 - October	--	-5	-12	99
November	80	9	-203	59
December	350	26	-19	-29
1977 - January	310	-8	-13	29
February	210	1	12	7
March	210	2	-34	-7
April	190	-3	-3	38
May	190	--	-6	-5
June	160	2	72	206
July	230	6	-2	17
August	100	-4	10	19
September	30	-4	-4	-6
October	-30	-5	01	-2
November	50	-55 <sup>5/</sup>	-10	25
December	130	4	1	-36
1978 - January	-150			

## NOTES:

- Margin account debt as reported by the New York Stock Exchange, excluding credit for subscription issues and convertible bonds.
- New York Stock Exchange data.
- June data for banks are universe totals; all other data for banks represent estimates for all commercial banks based on reports by a reporting sample, which accounted for 60 per cent of security credit outstanding at banks on June 30.
- Nonmargin stocks are those not listed on a national securities exchange and not included on the Board of Governors of the Federal Reserve System's list of OTC margin stocks. At banks, loans to purchase or carry nonmargin stocks are unregulated; at brokers, such stocks have no value.
- Data prior to November not strictly comparable due to changes in reporting.

Table 9

# SAVINGS FLOWS AT NONBANK THRIFT INSTITUTIONS \*

IN MILLIONS OF DOLLARS

DATE	MUTUAL SAVINGS BANKS			SAVINGS & LOAN ASSOCIATIONS			TOTAL		
	REGULAR DEPOSITS <sup>1</sup>		NET NEW MONEY <sup>2</sup>	SHARE CAPITAL		NET NEW MONEY <sup>2</sup>	DEPOSITS		NET NEW MONEY <sup>2</sup>
	NET FLOW	ANNUAL GROWTH RATE <sup>3</sup>		NET FLOW $\frac{r}{\text{ }}$	ANNUAL GROWTH RATE <sup>3</sup>		NET FLOW $\frac{r}{\text{ }}$	ANNUAL GROWTH RATE <sup>3</sup>	
1972	10,132	12.5	5,451	32,567	18.7	23,884	42,699	16.7	29,335
1973	4,842	5.3	-442	20,204	9.8	10,507	25,046	8.4	10,062
1974	2,165	2.3	-2,822	16,006	7.1	4,668	18,171	5.6	1,846
1975	11,070	11.3	4,757	42,769	17.6	29,276	53,839	15.8	34,033
1976	12,670	11.6	5,275	50,169	17.6	34,369	62,839	15.9	39,644
NOT SEASONALLY ADJUSTED									
1977-June	1,484	--	84	6,382	--	2,048	7,866	--	2,132
July	677	--	397	4,163	--	3,913	4,840	--	4,310
Aug.	282	--	-12	2,862	--	2,631	3,144	--	2,619
Sept.	1,200	--	-137	5,961	--	1,666	7,161	--	1,529
Oct.	683	--	296	2,396	--	2,270	3,079	--	2,566
Nov.	406	--	99	1,729	--	1,516	2,135	--	1,615
Dec.	1,289	--	-131	5,542	--	883	6,831	--	752
1978-Jan. <sup>p/</sup>	250	--	-50	2,750	--	2,890	3,000	--	2,840
SEASONALLY ADJUSTED									
1977-June	769	7.3	--	3,614	12.1	--	4,383	10.9	--
July	1,255	11.9	--	5,974	19.9	--	7,229	17.8	--
Aug.	1,187	11.1	--	5,671	18.6	--	6,858	16.6	--
Sept.	1,131	10.5	--	5,656	18.2	--	6,787	16.2	--
Oct.	1,257	11.6	--	3,832	12.2	--	5,089	12.0	--
Nov.	515	4.7	--	3,711	11.7	--	4,226	9.9	--
Dec.	519	4.7	--	3,410	10.8	--	3,929	9.1	--
1978-Jan. <sup>p/</sup>	344	3.1	--	2,018	6.2	--	2,362	5.4	--

## NOTES:

- 1 Regular deposits at mutual savings banks exclude items such as Christmas club and certain escrow accounts, which represent a very small part of total deposits.
- 2 New deposits net of both withdrawals and interest. Data for S&L's are for insured associations only, which represent 98 per cent of industry total resources.
- 3 Annual growth rate for monthly data is the annualized monthly percentage increase in deposits.

Source: National Association of Mutual Savings Banks and Federal Home Loan Bank Board.

\* These series have been revised to reflect annual recalculation of seasonal factors.

# MORTGAGE COMMITMENTS AT SELECTED THRIFT INSTITUTIONS

BILLIONS OF DOLLARS, SEASONALLY ADJUSTED

PERIOD	OUTSTANDING COMMITMENTS			NET CHANGE		
	TOTAL	ALL SAVINGS & LOAN ASSOCIATIONS	MUTUAL SAVINGS BKS (N.Y. STATE)	TOTAL	ALL SAVINGS & LOAN ASSOCIATIONS	MUTUAL SAVINGS BKS (N.Y. STATE)
1972	25.2	20.3	4.9	7.48	6.28	1.20
1973	19.9	16.4	3.5	-5.31	-3.92	-1.39
1974	14.7	12.5	2.2	-5.20	-3.91	-1.29
1975	20.6	18.6	2.0	5.81	6.06	- .25
1976 - Jan.	20.8	18.8	2.0	.06	.20	.02
Feb.	21.3	19.3	2.0	.61	.58	-.06
Mar.	21.7	19.5	2.2	.48	.16	.19
Apr.	21.8	19.6	2.2	.38	.10	.05
May	22.3	20.0	2.3	.48	.32	.05
June	22.6	20.4	2.2	.27	.53	.02
July	23.1	20.8	2.3	.50	.33	.03
Aug.	23.7	21.3	2.4	.87	.50	.12
Sept.	24.6	22.0	2.6	1.05	.78	.19
Oct.	26.1	23.5	2.6	1.20	1.46	.06
Nov.	27.3	24.6	2.7	1.26	1.09	.09
Dec.	28.2	25.5	2.7	.92	.92	--
1977 - Jan.	27.9	25.1	2.8	-.35	-.45	.10
Feb.	28.4	25.4	3.0	.48	.30	.18
Mar.	29.6	26.4	3.2	1.24	1.04	.20
Apr.	30.2	27.0	3.2	.56	.59	-.03
May	30.3	27.0	3.3	.12	.02	.10
June	31.4	27.6	3.8	1.07	.58	.52
July	32.1	28.4	3.7	.80	.83	-.03
Aug.	34.1	30.1	4.1	1.97	1.66	.33
Sept.	35.5	31.4	4.1	1.32	1.31	.01
Oct.	38.0	33.4	4.6	2.51	2.04	.47
Nov.	39.3	34.7	4.7	1.38	1.20	.18
Dec.	39.7	35.2	4.5	.30	.53	-.23

## NOTES:

Based on data from Federal Home Loan Bank Board and Savings Banks Association of New York State. Both series include a minor amount of non-residential commitments; S&L commitments also include loans in process. Net changes are derived directly from unrounded end-of-period outstanding levels as reported and after seasonal adjustment by Federal Reserve. Subtotals may not add to totals because of rounding.



# NET NEW MONEY BORROWINGS BY MAJOR HOUSING AGENCIES

IN MILLIONS OF DOLLARS

PERIOD	TOTAL INCLUDING SHORT-TERM DISCOUNT NOTES	INTERMEDIATE AND LONG-TERM ISSUES				FNMA & FHLB SHORT-TERM DISCOUNT NOTES <sup>1</sup>
		TOTAL	FHLB	FHLMC	FNMA	
1975 - July	+236	+300	0	0	+300	-64
Aug.	-398	-700	-700	0	0	302
Sept.	215	100	0	0	100	115
Oct.	587	850	+150	0	700	-263
Nov.	152	200	0	200	0	-48
Dec.	669	600	0	0	600	69
1976 - Jan.	-197	0	0	0	0	-197
Feb.	-964	-604	-1,100	196	300	-360
Mar.	-851	-304	0	-4	-300	-547
Apr.	124	693	0	-7	700	-569
May	-953	-607	-600	-7	0	-346
June	-107	-206	0	-6	-200	99
July	-58	291	0	-9	300	-349
Aug.	787	+190	0	+190	0	597
Sept.	195	190	0	-10	200	5
Oct.	-37	310	0	-8	318	-347
Nov.	-552	-297	-300	-9	12	-255
Dec.	145	-219	0	-7	-212	364
1977 - Jan.	12	188	0	-189	-1	-176
Feb.	-862	-592	-200	-393	1	-270
Mar.	289	-354	0	-4	-350	643
Apr.	344	746	-6	0	752	-402
May	532	297	105	200	-8	235
June	605	203	0	3	200	402
July	531	553	0	-47	600	-22
Aug.	347	301	304	-3	0	46
Sept.	195	-291	0	9	-300	486
Oct.	247	211	0	11	200	-36
Nov.	466	500	300	200	0	-34
Dec.	1,078	0	0	0	0	1,078
1978 - Jan., e	984	30	0	30	0	954

**NOTES:**

Based on data from Treasury Survey of Ownership.

<sup>1</sup> Sales of FHLB discount notes began in May 1974.
 Digitized for  
<http://fraser.stlouisfed.org/>  
 Preliminary  
 Federal Reserve Bank of St. Louis

# NET CHANGE IN MORTGAGE HOLDINGS

IN MILLIONS OF DOLLARS

PERIOD	TOTAL INCLUDING FNMA-GNMA	FINANCIAL INSTITUTIONS					FNMA-GNMA
		TOTAL	COMMERCIAL BANKS	MSB's	S & L's	INSURANCE COMPANIES	
1970	21,930	17,020	2,462	1,956	10,254	2,348	4,910
1971	41,406	39,018	9,940	3,938	23,919	1,221	2,388
1972	57,587	55,561	16,800	5,377	31,932	1,452	2,026
1973	58,372	55,072	19,600	5,642	25,552	4,278	3,300
1974	42,739	36,517	11,700	2,172	17,567	5,078	6,222
1975	43,497	38,658	4,200	2,236	29,289	2,933	4,839
1976	62,783	64,903	13,900	4,074	44,515	2,414	-2,120
<u>Not Seasonally Adjusted</u>							
1977 - Jan.	3,929	4,255	1,100	196	2,925	34	-326
Feb.	4,273	4,315	1,100	156	3,028	31	- 42
Mar.	7,112	7,046	2,000	291	4,615	140	66
Apr.	8,533	8,410	2,300	414	5,282	414	123
May	9,633	8,946	2,400	388	6,000	158	687
June	10,621	10,505	2,900	976	6,132	496	177
July	8,339	8,425	2,300	649	5,224	252	- 86
Aug.	9,502	9,665	3,000	719	5,726	220	-163
Sept.	9,127	8,930	2,300	660	5,256	744	167
Oct.	8,349	8,380	2,300	690	4,876	614	- 31
Nov.	7,940	7,844	2,100	564	4,754	426	96
Dec.			2,000	771	4,638	N.A.	222
1978 - Jan.			1,300				
<u>Seasonally Adjusted</u>							
1977 - Jan.	5,716	5,983	1,555	337	3,979	112	-267
Feb.	5,508	5,373	1,427	307	3,565	74	135
Mar.	7,316	7,099	2,047	280	4,485	287	217
Apr.	7,958	7,664	2,161	401	4,689	453	294
May	9,088	8,033	2,165	366	5,235	267	1,055
June	9,468	9,059	2,581	816	5,154	508	409
July	7,463	7,899	2,286	559	4,741	313	-436
Aug.	8,708	9,137	2,858	696	5,334	249	-429
Sept.	9,972	9,005	2,113	735	5,409	748	- 33
Oct.	8,478	8,736	2,182	735	5,245	574	-258
Nov.	8,661	8,593	2,247	590	5,904	352	68
Dec.			2,073	652	5,150	N.A.	127
1978 - Jan.			1,755				

## NOTES:

- 1 Monthly data for commercial banks based on Federal Reserve estimates benchmarked to Call Report data on real estate loans outstanding as available. Other data derived from mortgage debt outstanding as reported separately by National Assn. of Mutual Savings Banks, Federal Home Loan Bank Board, Institute of Life Insurance and, through August 1968, the Federal National Mortgage Association, and thereafter by FNMA and the Government National Mortgage Association. Data for mutual savings banks and for Life Insurance companies may differ somewhat from those derived from regular quarterly series because of minor conceptual differences for which adjustments are not made in the monthly series. Altogether, these groups accounted for 83 per cent of the net increase estimated for all holders in 1974.

2 Beginning January 1972 data reflect activity in limited amount of conventional mortgages.

# NET INCREASE IN MORTGAGE DEBT OUTSTANDING<sup>1</sup>

IN BILLIONS OF DOLLARS, SEASONALLY ADJUSTED ANNUAL RATES

QUARTER	TOTAL	RESIDENTIAL <sup>2</sup>			COMMERCIAL	MULTIFAMILY & COMMERCIAL	FARM
		TOTAL	1- to 4- FAMILY	MULTI- FAMILY			
1970 - I	25.5	18.7	13.2	5.5	5.7	11.2	1.0
II	25.3	18.3	12.5	5.8	6.9	12.7	0.0
III	33.5	23.9	15.5	8.4	8.6	17.0	1.0
IV	35.4	26.8	18.8	8.0	7.4	15.4	1.3
1971 - I	41.2	32.7	23.2	9.5	6.7	16.2	1.7
II	51.8	40.3	29.6	10.7	9.3	20.0	2.1
III	57.8	43.1	33.8	9.3	12.1	21.4	2.6
IV	59.5	44.7	35.7	9.1	11.6	20.7	3.1
1972 - I	67.6	49.3	38.0	11.3	14.8	26.1	3.5
II	74.1	54.1	41.0	13.1	16.5	29.6	3.5
III	77.6	59.1	48.1	11.0	14.9	25.9	3.6
IV	88.1	63.6	47.9	15.7	21.0	36.7	3.6
1973 - I	80.6	56.0	47.8	8.2	19.1	27.3	5.6
II	87.4	59.9	46.9	13.0	21.7	34.7	5.8
III	80.7	56.2	43.7	12.5	19.4	31.9	5.0
IV	70.4	48.5	40.6	7.9	16.4	24.3	5.5
1974 - I	69.9	48.7	39.2	9.5	17.5	27.0	3.6
II	70.9	47.2	40.3	6.9	18.7	25.6	4.9
III	54.5	35.1	28.4	6.7	13.6	20.3	5.8
IV	46.7	29.7	25.4	4.3	11.2	15.5	5.9
1975 - I	44.0	29.7	28.9	0.8	9.0	9.8	5.3
II	55.0	39.8	39.8	0.0	10.3	10.3	4.9
III	62.3	45.3	44.9	0.4	12.9	13.3	4.0
IV	67.7	50.8	51.9	-1.1	12.8	11.7	4.1
1976 - I	78.6	59.7	58.3	1.4	13.7	15.1	5.3
II	77.3	58.0	58.1	-0.1	14.5	14.4	4.8
III	94.0	73.8	70.0	3.8	13.4	17.2	6.9
IV	98.6	78.0	75.5	2.5	13.0	16.9	7.6
1977 - I (r)	108.3	84.2	80.3	3.9	15.5	19.4	8.6
II(r)	132.2	102.6	96.1	6.5	20.3	26.8	9.3
III(r)	140.3	106.6	98.9	7.7	24.8	32.5	8.9
IV (p)	140.1	109.2	99.7	9.5	22.9	32.4	8.0

**NOTES:**

- Derived from data on mortgage debt outstanding from Federal Deposit Insurance Corporation, Federal Home Loan Bank Board, Institute of Life Insurance, National Association of Mutual Savings Banks, Departments of Commerce and Agriculture, Federal National Mortgage Association, Federal Housing Administration, Veterans Administration and Comptroller of the Currency. Separation of nonfarm mortgage debt by type of property, where not available, and interpolations and extrapolations, where required, estimated mainly by Federal Reserve.
- Residential mortgage debt includes nonfarm only and is sum of 1- to 4-family and multifamily mortgage debt.

Table 14

# PRIVATE HOUSING PERMITS, STARTS, COMPLETIONS, AND MOBILE HOME SHIPMENTS

IN THOUSANDS OF UNITS, SEASONALLY ADJUSTED ANNUAL RATES

PERIOD	PERMITS <sup>1</sup>			STARTS			COMPLETIONS			MOBILE HOME SHIPMENTS
	TOTAL	1-FAMILY	2-OR MORE FAMILY	TOTAL	1-FAMILY	2-OR MORE FAMILY	TOTAL	1-FAMILY	2-OR MORE FAMILY	
1969	1,324	626	698	1,407	811	656	1,399	808	592	413
1970	1,352	647	705	1,434	813	621	1,418	802	617	401
1971	1,925	906	1,018	2,052	1,151	901	1,706	1,014	692	497
1972	2,219	1,033	1,186	2,357	1,309	1,048	1,972	1,143	828	576
1973	1,820	882	937	2,045	1,132	914	2,014	1,174	840	567
1974	1,074	644	431	1,388	888	450	1,692	932	760	329
1975	939	676	264	1,160	892	268	1,297	867	430	216
1976	1,297	894	403	1,538	1,162	376	1,362	1,026	336	246
1977	1,677	1,125	552	1,987	1,451	375	1,652	1,254	398	277
1977 - July	1,639	1,089	550	2,072	1,453	619	1,671	1,267	404	251
Aug.	1,772	1,156	616	2,038	1,454	584	1,699	1,282	417	270
Sept.	1,695	1,135	560	2,012	1,508	504	1,901	1,489	412	300
Oct.	1,850	1,216	634	2,139	1,532	607	1,627	1,217	410	319
Nov.	1,893	1,257	636	2,096	1,544	552	1,780	1,272	508	318
Dec.	1,811	1,210	601	2,194	1,568	626	1,604	1,257	347	324
1978 - Jan.	1,533	1,021	512	1,549	1,139	410				312

**NOTES:**

Private building permits (for 14,000 areas with permit systems, excluding farm), starts, and completions are Census Bureau data. A dwelling unit is started when excavation begins. In the case of apartment buildings, all units are considered started at that time; however, all such units are considered completed when more than half of the units in the structure are ready for use. Private mobile home shipments are Mobile Home Manufacturers Association data converted to seasonally adjusted annual rate by Census Bureau.

Table 15

# AVERAGE RATES AND YIELDS ON HOME MORTGAGES

PERIOD	CONVENTIONAL LOANS PRIMARY MARKET				HUD(FHA) INSURED LOANS SECONDARY MARKET			SPREAD BETWEEN RETURNS ON CONVENTIONAL AND HUD(FHA) NEW HOME MORTGAGES (BASIS POINTS)	NEW Aaa UTILITY BOND YIELD (IN PER CENT)
	NEW HOMES		EXISTING HOMES		NEW HOMES				
	RATE (IN PER CENT)	SPREAD (BASIS POINTS) <sup>1</sup>	RATE (IN PER CENT)	SPREAD (BASIS POINTS) <sup>1</sup>	YIELD (IN PER CENT)	SPREAD (BASIS POINTS) <sup>1</sup>	DISCOUNT (PERCENTAGE POINTS)		
1975 - High	9.25	15	9.30	20	9.74	31	6.2	21	9.70
Low	8.90	-70	8.95	-65	8.69	-91	2.4	-49	8.94
1976 - High	9.05	91	9.10	95	9.06	59	4.3	65	8.72
Low	8.90	5	8.95	10	8.25	8	2.0	-4	8.05
1976 - Oct.	9.00	71	9.00	71	8.55	26	4.3	45	8.29
Nov.	8.95	90	9.00	95	8.45	40	3.6	50	8.05
Dec.	8.90	NA	8.95	NA	8.25	NA	2.0	65	NA
1977 - Jan.	8.80	58	8.85	63	8.40	18	3.2	40	8.22
Feb.	8.80	52	8.85	57	8.50	22	3.9	30	8.28
Mar.	8.85	63	8.90	68	8.58	36	4.6	27	8.22
Apr.	8.90	59	8.95	64	8.57	26	4.5	33	8.31
May	8.95	NA	9.00	NA	NA	NA	NA	NA	NA
June	9.00	93	9.05	98	8.74	67	1.9	26	8.07
July	9.00	83	9.05	88	8.74	57	1.9	26	8.17
Aug.	9.00	99	9.05	1.04	8.74	73	1.9	26	8.01
Sept.	9.00	86	9.05	91	8.72	58	1.7	28	8.14
Oct.	9.00	72	9.05	.77	8.78	50	2.2	22	8.28
Nov.	9.05	82	9.05	82	8.78	55	2.2	27	8.23
Dec.	9.10	N.A.	9.10	N.A.	8.91	N.A.	3.2	19	N.A.
1978- Jan.	9.15	N.A.	9.20	N.A.	9.11	N.A.	4.7	4	N.A.

## NOTES:

<sup>1</sup> Gross yield spread is average mortgage return before deducting servicing costs, minus average yield on new issues of high-grade utility bonds with 5-year call protection.

Rates on conventional first mortgages (excluding additional fees and charges) are based on unweighted HUD (FHA) field office opinions on prevailing contract interest rates in the market areas of the insuring offices, rounded to the nearest 5 basis points. For secondary market data, weighted HUD office opinions on the average bid price for HUD (FHA) loans with minimum down-payment, prepaid in 15 years, for immediate delivery, are used.

Table 16

# FNMA AUCTION RESULTS

## HOME MORTGAGE COMMITMENTS

DATE OF AUCTION	GOVERNMENT-UNDERWRITTEN			CONVENTIONAL		
	AMOUNT (IN MILLIONS OF DOLLARS)		AVERAGE YIELD	AMOUNT (IN MILLIONS OF DOLLARS)		AVERAGE YIELD
	OFFERED	ACCEPTED		OFFERED	ACCEPTED	
1977 - High	855 (12/27)	570 (12/27)	8.98(12/27)	383 (5/2)	278 (5/2)	9.21 (12/27)
Low	50 (9/7)	35 (9/7)	8.46(1/10)	123 (7/25)	71 (9/19)	8.81 (1/10)
1977 - July 11	130.5	77.3	8.72	163.9	101.6	9.08
25	75.9	54.1	8.71	122.9	82.8	9.06
Aug. 8	195.0	143.1	8.75	199.8	144.4	9.06
22	119.9	78.3	8.77	170.4	92.3	9.06
Sept. 7	50.3	35.1	8.74	138.9	113.9	9.06
19	62.6	40.3	8.74	107.5	70.5	9.05
Oct. 3	131.3	82.2	8.77	187.3	137.2	9.07
17	325.8	212.6	8.84	242.7	167.8	9.11
31	156.1	105.7	8.86	328.1	224.0	9.14
Nov. 14	110.6	69.5	8.86	308.6	202.8	9.16
28	99.8	83.2	8.85	229.0	183.5	9.16
Dec. 13	329.1	224.3	8.89	262.2	168.9	9.17
27	855.4	569.7	8.98	329.4	190.5	9.21
1978 - Jan. 9	1011.0	605.3	9.13	403.6	192.8	9.28
23	768.8	356.6	9.21	546.3	256.8	9.37
Feb. 6	640.9	338.0	9.27	633.6	299.3	9.45
21	558.2	285.5	9.35	580.5	266.7	9.53

### NOTES:

Average secondary market yields are gross before deduction of the fee of 38 basis points paid for mortgage servicing. They reflect the average accepted bid yield for home mortgages assuming a prepayment period of 12 years for 30-year loans, without special adjustment for Federal National Mortgage Association (FNMA) commitment fees and FNMA stock purchase and holding requirements on 4-month commitments. Mortgage amounts offered by bidders relate to total eligible bids received.

Table 16

# FNMA AUCTION RESULTS

## HOME MORTGAGE COMMITMENTS

DATE OF AUCTION	GOVERNMENT-UNDERWRITTEN			CONVENTIONAL		
	AMOUNT (IN MILLIONS OF DOLLARS)		AVERAGE YIELD	AMOUNT (IN MILLIONS OF DOLLARS)		AVERAGE YIELD
	OFFERED	ACCEPTED		OFFERED	ACCEPTED	
1977 - High	855 (12/27)	570 (12/27)	8.98(12/27)	383 (5/2)	278 (5/2)	9.21 (12/27)
Low	50 (9/7)	35 (9/7)	8.46(1/10)	123 (7/25)	71 (9/19)	8.81 (1/10)
1977 - July 11	130.5	77.3	8.72	163.9	101.6	9.08
25	75.9	54.1	8.71	122.9	82.8	9.06
Aug. 8	195.0	143.1	8.75	199.8	144.4	9.06
22	119.9	78.3	8.77	170.4	92.3	9.06
Sept. 7	50.3	35.1	8.74	138.9	113.9	9.06
19	62.6	40.3	8.74	107.5	70.5	9.05
Oct. 3	131.3	82.2	8.77	187.3	137.2	9.07
17	325.8	212.6	8.84	242.7	167.8	9.11
31	156.1	105.7	8.86	328.1	224.0	9.14
Nov. 14	110.6	69.5	8.86	308.6	202.8	9.16
28	99.8	83.2	8.85	229.0	183.5	9.16
Dec. 13	329.1	224.3	8.89	262.2	168.9	9.17
27	855.4	569.7	8.98	329.4	190.5	9.21
1978 - Jan. 9	1011.0	605.3	9.13	403.6	192.8	9.28
23	768.8	356.6	9.21	546.3	256.8	9.37
Feb. 6	640.9	338.0	9.27	633.6	299.3	9.45
21	558.2	285.5	9.35	580.5	266.7	9.53

### NOTES:

Average secondary market yields are gross before deduction of the fee of 38 basis points paid for mortgage servicing. They reflect the average accepted bid yield for home mortgages assuming a prepayment period of 12 years for 30-year loans, without special adjustment for Federal National Mortgage Association (FNMA) commitment fees and FNMA stock purchase and holding requirements on 4-month commitments. Mortgage amounts offered by bidders relate to total eligible bids received.