# Capital Market Developments

EDERAL ESCUCH LIbrary.

May 9, 1977

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

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### **SYMBOLS**

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

YIELDS, VOLUME AND RECEPTION

			CORP	ORATE BOND MAI	ORATE BOND MARKET				
		YIEL	_DS	VOLUME					
WEEK ENDING		NEW ISSUE <sup>1</sup> Aaa UTILITY	RECENTLY <sup>2</sup> OFFERED Aaa UTILITY	GROSS 3 OFFERINGS (\$ MILLIONS)	PER CENT SOLD BY END OF WEEK	NEW ISSUES ( IN SYNDICATE (\$ MILLIONS)			
1977 <b>-</b> March	4		8.27	25	96	63			
	11	8.30	8.32	544	89	111			
	18	8.23	8.27	698	81	163			
	25	8.22	8.28	812	95	51			
April	1	8.26	8.28	448	88	125			
-	8	8.26	8.25	298	94	39			
	15	8.25	8.16	804	100	. 0			
	22	8.21	8.21	521	70	231			
	29	8.31r	8.25r	90	96	34			
May	6		8.31p	77	95	33			

			MUN	ICIPAL BOND MAI	RKET		
		YIE	LDS	VOLUME			
WEEK ENDING		MOODY'S NEW ISSUE Aaa	BOND BUYER 20-BOND INDEX	GROSS 3 OFFERINGS (\$ MILLIONS)	PER CENT SOLD BY END OF WEEK	NEW ISSUES <sup>4</sup> IN SYNDICATE (\$ MILLIONS)	
1977 - March	4	5.20	5.92	648	93	155	
2377 Haren	11	5.23	5.92	770	91	137	
	18	5.20	5.90	776	88	163	
	25	5.20	5.88	680	86	180	
April	1	5.20	5.85	1,103	85	175	
	8	5.17	5.79	823	83	232	
	15	5.17	5.70	1,055	91	144	
	22	5.20	5.73	409	85	125	
	29	5.17	5.68	908	87	192	
May	6	5.23	5.76	1,073	<b>7</b> 5	350	
		e e e e e e e e e e e e e e e e e e e					

- 1 Federal Reserve series of implied yield on newly issued, Aaa-rated utility bond with 5-year call protection.
- 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.

  Digitized for FRASER

HIGH GRADE BOND YIELDS

DATE	NEW ISSUE Aaa UTILITY	RECENTLY OFFERED 2 Aaa UTILITY	MOODY'S SEASONED 3	U.S. GOVT. 20-YEAR CONSTANT MATURITY	BOND BUYER 20-BOND INDEX
1973 - High	8.52 (8/10)	8.32 (8/10)	7.77 (8/24)	7.79 (8/10)	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)	5.16 (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	8.30 (4/29)	8.32 (3/18)	8.12 (3/11)	7.76 (3/25)	5.93 (2/4)
Low	7.90 (1/7)	7.95 (1/7)	7.88 (1/7)	7.26 (1/7)	5.68 (4/28)
Apr. 1	8.26	8.28	8.10	7.74	5.85
8	8.26	8.25	8.10	7.71	5.79
15	8.25	8.16	8.05	7.65	5.70
22	8.21	8.21	7.99	7.62	5.73
29	8.31r	8.25r	8.01r	7.69r	5.68
May 6		8.31p	8.02p	7.73p	5.76

- 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

		GROSS PROCEEDS								
PERIOD		CORPORATE			STATE AND LOCA	AL				
	1977 <sup>3</sup>	1976 <sup>I</sup>	1975 <sup>1</sup>	1977 <sup>3</sup>						
lanuary	3,989	3,381	5,367	3,418p	2,451	2,361				
January		3,863	4,528	3,089p	2,885	2,387				
February	3,050e									
March	4,900e	6,632r	5,378	4,100p	3,365	2,135				
April	3,450e	3,507	4,294	3,400e	2,463	2,406				
May	-	4,186	5 <b>,</b> 798		3,575	2,900				
June		6,439r	5,596		3,115	3,064				
July		3,216	4,327		2,734	3,580				
- 1										
August		3,357r	2,405		2,821	2,783				
September		4,817r	2,836		2,814	2,159				
October		4,431r	4,705		3,524	2,323				
November		3,047r	4,076		3,336	2,381				
December		6,480r	4,307		2,298	2,052				
Q1	11,939e	13,876r	15,273	10,607p	8,701	6,883				
Q2	,,,,,,	14,132r	15,688	10,007						
1					9,153	8,370				
Q3		11,390r	9,568		8,369	8,522				
24		13,958r	13,088		9,158	6,756				
1st Half		28,008	30,961		17,854	15,253				
3 Qtrs.		39,398	40,529		26,223	23,775				
rear		53,356	53,617		35,381	30,531				

- 1 Securities and Exchange Commission estimates of gross proceeds.
- 2 Securities Industry Association estimates of principal amounts.
- 3 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

		GROS	S PROCEEDS	BY TYPE OF	ISSUE		GROSS	<b>PROCEEDS</b>	BY TYPE OF	ISSUER
PERIOD		ВО	NDS	COMMON	N	иЕМО				
PENIOD	TOTAL	PUBLICLY	PRIVATELY	AND PREFERRED	ISSUES	INCLUDED	MANUFAC- TURING	PUBLIC UTILITY	COMMUNI- CATIONS	OTHER ISSUERS
		OFFERED	PLACED	STOCK	FOREIGN	CONVERTIBLE	TURING	OTILITY	CATIONS	ISSULING
.976 – 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
976 - January	3,381	2,189	613	579	605	123	1,073	1,097	16	1,197
February	3,863	2,142	794	927	335	15	1,179	789	171	1,722
March	6,632	3,238	1,347	2,047	400	124	2,245	2,158	578	1,650
April	3,507	2,350	629	528	428	37	568	644	450	1,847
May	4,186	1,937	1,051	1,198	350	15	1,709	1,148	20	1,309
June	6,439	3,140	1,904	1,395	1,005	426	1,480	1,348	1,409	2,202
July	3,216	1,239	1,348	629	500	100	1,198	932	26	1,061
August	3,357	1,565	1,113	678	367	7	1,031	920	212	1,195
September	4,817	2,100	2,163	554	400	92	753	1,465	140	2,459
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
977 – January	3,989	2,786	601	602	300	0	906	986	50	2,048
									•	

#### NOTES:

1 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 1

May 2 through May 6, 1977

ISSUER	ТҮРЕ	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	COUPON RATE	OFFERING YIELD	MOODY'S/S&P'S RATINGS
CORPORATE						
Boston Edison Co.	1st mtg.	60.0	2007	9.25	9.13	Baa/BBB
Union Pacific Pailroad	Equip tr.	16.5	1978-1992	7.50	5.65-7.70	Aaa/AAA
OTHER						
European Investment Bank	Bonds	<b>75.</b> 0	1997	9.00	9.00	Aaa/AAA
Saskatchewan, Province of	Debt.	125.0	2007	8.63	8.68	Aa/AA
Mexico	Bonds	60.0	1982	9.00	9.00	Aaa/AAA

- Rights offering.
- 1 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 1

May 2 through May 6, 1977

ISSUER	TYPE	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	NET INTEREST COST	OFFERING YIELD	MOODY'S/S&P'S RATINGS
STATE AND LOCAL						
Omaha Public Power Dist., Neb.	Rev.	170.0	2017	6.18	6.16	Aa/AA
Maricopa Co., Ariz.	Rev.	26.7	1981-1993	6.54	4.70-6.40	A-1/A+
Maricopa Co., Ariz.	Rev.	14.3	1997	6.54	<b>6.</b> 50	A-1/A+
Maricopa Co., Ariz.	Rev.	33.0	2004	6.54	6.75	A-1/A+
Maricopa Co., Ariz.	Rev.	51.6	1977-1992	4.25	2.60-4.90	Aaa/A <b>a</b> a
Valdez, Alaska	Rev.	250.0	2007	5.60	5.50	Aaa/AAA
Delaware Co. Reg. Water Ctrl. Auth.,						·
Pa.	Rev.	19.3	1979-2006		3.50-6.00	A-1/
Delaware Co. Reg. Water Ctrl. Auth.,						•
Pa.	Rev.	9.6	1977-1987		2.60-4.50	Aaa/
Pittsburgh Sch. Dist., Pa.	G.O.	23.8	1977-2001		2.75-6.00	A-1/AA
Pittsburgh Sch. Dist., Pa.	Rev.	11.2	1977-1986		2.60-4.40	Aaa/AAA
Gwinnett Co. Water & Sewerage Auth.,						,
Ga.	Rev.	20.3	1981-1997		4.25-6.00	Baa-1/BBB+
Gwinnett Co. Water & Sewerage Auth.,	•					
Ga.	Rev.	6.0	2000		6.10	Baa-1/BBB+
Gwinnett Co. Water & Sewerage Auth.,						
Ga.	Rev.	17.3	2007		6.20	Baa-1/BBB+
Gwinnett Co. Water & Sewerage Auth.,		2.70				544 1, 555.
Ga.	Rev.	20.2	1977-1985		2.60-4.30	Aaa/AAA
Malden, Mass.	G.O.	10.0	1978-1997	5.72	3.25-6.00	A/
Albuquerque, N.M.	Rev.	8.4	1979-1991	4.87	3.50-5.10	A-1/A+
Albuquerque, N.M.	Rev.	9.3	1991-1995	5.37	5.10-5.45	A-1/A+
Aurora, Colo.	G.O.	10.4	1991-2002	5.57	5.00-5.80	A-1/A+

- 1 Includes only state and local security offerings of \$10 million and over; excludes secondary offerings.
- 2 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

May 2 through May 6, 1977

ISSUER	ТҮРЕ	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	NET INTEREST COST	OFFERING YIELD	MOODY'S/S&FS RATINGS
STATE AND LOCAL Aurora, Colo.	G.O.	9.0	1998-2005	5 <b>.</b> 80	5.55-5.85	A-1/A+
Pennsylvania State Public Sch. Bldg.	g.0.	J.0	1990 2009	3.00	3.33 3.03	21 2/21.
Auth.	Rev.	11.8	1977-2006	5.51	2.50~5.75	A/AA
Mecklenburg Co., N.C.	G.O.	13.7	1979-1998	4.71	3.10-5.25	Aaa/AAA
Milwaukee, Wisc.	G.O.	16.1	1978-1992	4.55	2.80-4.90	Aaa/AAA
Anne Arundel Co., Md.	G.O.	25.0	1978⊶2007	5.13	3.00-5.80	Aa/AA
Louisiana, State of	G.O.	100.0	1978-1997	4.91	2.90-5.25	Aa/AA
Alabama, State of	G.O.	7.0	1978-1992	4.57	2.75-5.00	Aa/AA
Alabama, State of	G.O.	13.0	1978-1997	4.91	2.75-5.30	Aa/AA
Washington, State of	G.O.	93.5	1978-2002	5.19	2.90~5.45	Aa/AA+

### Table 6A

## FORTHCOMING INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

### OTHER THAN U.S. TREASURY 1

as of May 6, 1977

ISSUER	TYPE	AMOUNT (IN MILLIONS OF DOLLARS)	APPROXIMATE DATE OF OFFERING
CORPORATE			
Frenhauf Finance Co.	Notes	75.0	May 9
Pacific Power & Light Co.	Com. Stk.	56.0	May 10
Pacific Power & Light Co.	Pfd. Stk.	45.0	May 10
Jersey Cent. Power & Light Co.	1st Mtg.	60.0	May 10
Equitable Gas Co.	Pfd. Stk.	1 <b>7.</b> 5	May 10
BankAmerica Corp.	Debt.	200.0	May 11
Toledo Edison Co.	Com Stk.	50.0	May 11
Genl. Tel. Co. of the Southwest	Debt.	65.0	May 11
Connecticut Light & Power Co.	1st Mtg.	45.0	May 12
Commercial Alliance Corp.	Notes	20.0	May 16
Central Hudson Gas & Electric Corp.	Pfd. Stk.	15.0	May 17
Kansas City Power & Light Co.	Com. Stk.	32.0	May 17
Bell Telephone Co. of Pa.	Debt.	100.0	May 17
Santa Fe Natural Resources Inc	Debt.	75.0	May 17
Indiana & Mich. Electric Co.	Pfd. Stk.	40.0	May 17
Castle & Cooke Inc.	Notes	25.0	May 18
Castle & Cooke Inc.	Debt.	50.0	May 18
Consumers Power Co.	Com. Stk.	60.0	May 18
*ITEL Corp.	Com. Stk.	30.0	May 23
Cleveland Electric Illuminating Co.	Com. Stk.	75.0	May 24
Consumers Power Co.	1st Mtg.	85.0	May 24
Central Illinois Public Servic Co.	Com Stk.	40.0	May 24
AMFAC Mortgage Corp.	Med-term No	otes 25.0	May
*Commonwealth Edison Co.	1st Mtg.	150.0	June 1
Michigan Bell Tel. Co.	Debt.	150.0	June 1
*Minnesota Power & Light Co.	Com. Stk.	40.0	June 2
*Consolidated Natural Gas Co.	1st Mtg.	75.0	June 7
*Public Service Co. of New Mexi	1st Mtg.	30.0	June 8
*Atlanta Gas Light Co.	1st Mtg.	25.0	June 9
American Electric Power Co.	Com. Stk.(1	rts) 200.0	June
Central Louisiana Electric Co.	Com. Stk.	28.0	Indef.
central contistana efectific co.	SF Debt.	125.0	Indef.

- \* Included in table for first time.
- 1 Includes only corporate and other security issues of \$15 million and over; excludes exchanges, options

### Table 6B

# FORTHCOMING INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

### OTHER THAN U.S. TREASURY 1

As of May 6, 1977

ISSUER	TYPE	AMOUNT (IN MILLIONS OF DOLLARS)	APPROXIMATE DATE OF OFFERING
STATE & LOCAL			
*Lawrenceburg, Ind.	Rev.	40.0	May 9
Klein Ind. Sch. Dist., Texas	G.O.	12.0	May 9
Florida, State of	G.O.	50.0	May 10
Lower Colorado River Auth., Texas	Rev.	70.0	May 10
Long Beach Parking Auth., Cal.	Rev.	10.0	May 10
*Anchorage, Alaska	G.O.	14.9	May 10
Port of Portland, Oregon	G.O.	84.0	May 11
*W. Minnesota Mun. Power Agy., Minn.	Rev.	80.0	May 12
Dalton, Ga.	Rev.	125.0	May 12
Albuquergue, N.M.	G.O.	10.5	May 16
Katy Ind. Sch. Dist., Texas	G.O.	19.0	May 16
*West Virginia Hsg. Dev. Fund	Rev.	27.5	May 17
*Phoenix, Ariz.	Rev.	15.0	May 17
Calcasieu Par. Sch. Dist. #31, La.	G.O.	11.2	May 17
*Nassau Co., N.Y.	G.O.	35.1	May 17
Camden Co., N.J.	G.O.	15.2	May 17
*Putnam Co. Dev. Auth., Ga.	Rev.	14.7	May 18
North Carolina, State of	G.O.	55.0	May 18
Tulsa, Okla.	G.O.	22.0	May 18
*Waukesha, Wisc.	Rev.	17.8	May 24
New Jersey, State of	G.O.	50.0	May 25
Platte River Power Auth., Colo. *Massachusetts State College Bldg.	Rev.	66.8	May 26
Auth.	Rev.	20.1	May
*Illinois Poll. Ctrl. Fin. Auth.	Rev.	18.7	May
*Steel Valley School Dist., Pa.	G.O.	20.5	May
Louisiana Mun. Power Comm.	Rev.	<b>75.</b> 0	May
*California, State of	G.O.	110.0	June 7
West Virginia, State of	G.O.	50.0	June 7
Guilford Co., N.C.	G.O.	14.0	June 7
Buffalo Sewer Auth., N.Y.	Rev.	88.0	June 8
Cincinnati, Ohio	G.O.	19.5	June 8
Chicago School Dist., Ill.	G.O.	45.0	June 8
Georgia Mun. Electric Auth.	Rev.	150.0	June 9

<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.

<sup>\*</sup> Included in the table for the first time.

STOCK PRICES AND VOLUME

DATE			STOCK PRICES	1		TRADING VOLUME	
DATE	NYSE INDEX 3	DJ INDUSTRIALS	AMEX 4	NASDAQ	NYSE	AMEX	NASDAQ
1973 - High	65.58 (1/11)	1051.50 (1/11)	130.47 (1/11)	136.84 (1/11)	26.0 (9/20)	5.5 (1/12)	11.3 (1/11)
Low	49.12 (12/13)	788.31 (12/5)	85.26 (12/20)	89.12 (1 <b>2</b> /13)	9.0 (8/20)	1.4 (8/20)	3.5 (8/27)
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)
Mar. 4	54.98	953.46	111.47	96.07	17.7	2.3	7.1
11	54.72	947.72	111.64	96.07	17.1	2.7	7.0
18	55.36	961.02	112.46	96.44	18.7	2.7	7.6
25	53.92	928.86	111.98	95.28	18.6	2.9	7.0
Apr. 1	53.94	927.36	111.97	94.54	17.2r	2.3	6.3
8	53.46	918.88	110.43	94.03	16.4	2.3	6.1
15	54.94	947.76	112.50	96.26	19.8r	2.6	7.5
22	53.69	927.07	111.75	95.12	17.1	2.9	-7.8
29	53.66	926.90	112.17	95.48	16.5	2.2	-6.6
May 6	54.30	936.74	113.94	96.90	17.9	2.6	7.8

### NOTES:

Digitized for FRA AERBased on average price change until September 4, 1973 thereafter, based on market value of shares listed.

http://fraser.stlouisfed.org/ Federal Reserve Bank of St. Duis

<sup>1</sup> Figures other than highs and lows are Fridays only. Highs and lows are for the year and are not necessarily for Fridays.

<sup>2</sup> Volume figures are weekly averages of daily figures (millions of shares).

<sup>3 12/31/65 = 50</sup> 

Table 8
SECURITY CREDIT

	REGULATED	MARGIN CREDIT E		UNDECLU ATED NOMADON
END OF PERIOD	BROKERS ON <sup>1</sup> MARGIN STOCK	BROKERS ON <sup>2</sup> CONVERTIBLE BONDS	3 BANKS	UNREGULATED NONMARGIN STOCK CREDIT AT BANKS
OUTSTANDING				
1976 - January	5,420	146	984	2,276
February	5,950	153	1,038	2,332
March	6,410	162	1,057	2,355
April	6,690	163	1,077	2,325
May	6,940	161	1,007	2,357
June	7,080	166	880	2,368
July	7,340	172	898	2,317
August	7,450	167	1,061	2,368
September	7,530	174	859	2,830
October	7,350	169	1,068	2,774
November	7,610	178	839	3,351
December	7,960	204	829	3,684
1977 - January	8,270	196	820	3,693
February	8,480	197	n.a.	n.a.
March	8,690	199	n.a.	n.a.
			l	
CHANGE IN OUTSTANDING	1	_		
1976 - January	30	-1	24	<b>-</b> 5
February	530	7	54	56
March	460	9	19	22
April	280	1	20	-30
May	250	<b>-</b> 2	<b>-</b> 69	32
June	140	5	127	. 11
July	260	6	-130	-51
August	110	<b>-</b> 5	163	-51
September	80	7	202	462
October		5	209	<b>-</b> 56
November	80	9	229	577
December	350	26	-10	333
1977 - January	310	-8	<b>-</b> 9	9
February	210	1	n.a.	n.a.
March	210	2	n.a.	n.a.

- 1 Margin account debt as reported by the New York Stock Exchange, excluding credit for subscription issues and convertible bonds.
- 2 New York Stock Exchange data.
- 3 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.
- 4 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.

Table 9

### SAVINGS FLOWS AT NONBANK THRIFT INSTITUTIONS

IN MILLIONS OF DOLLARS

	MUTUAL SAVINGS BANKS			SAVINGS	& LOAN ASSO	CIATIONS	TOTAL			
	REGULAR DEPOSITS 1		NET 2	SHARE CAPITAL		NET 2	DEPOSITS		NET 2	
DATE	NET FLOW	ANNUAL 3 GROWTH RATE	4	NET FLOW	ANNUAL 3 GROWTH RATE		NET FLOW	ANNUAL 3 GROWTH RATE	NEW MONEY	
1070	10.067	10 /	5,451	32,567	18.6	23,884	42,634	16.6	29,335	
1972	10,067	12.4	-442	20,237	9.9	10,507	25,052	8.5	10,062	
1973	4,815	5.4			7.0	4,668	18,915	5.5	1,846	
1974	2,909	2.2	-2,822	16,006		29,276	53,839	15.8	34,033	
1975	11,070	11.3	4,757	42,769	17.3		61,833	16.0	39,644	
1976	11,546	11.6	5,275	50,287	17.7	34,369	01,033	10.0	39,044	
1976 - July	910		333	3,509		3,289	4,419		3,622	
Aug.	308	en en	47	2,154	***	1,967	2,462		2,014	
Sept.	1,307	-	75	5,572		1,944	6,879		2,019	
Oct.	836	em em	582	3,452		3,224	4,288		3,826	
Nov.	779		539	2,581		2,381	3,360		2,920	
	1,757		367	6,277		2,279	8,034		2,646	
Dec.	1,737		307	0,277		2,27	0,054		2,040	
1977 - Jan.	913		645	5,218		4,944	6,131		5,449	
1977 - Jan. Feb. <u>P</u> /	847		585	3,406		3,186	4,253		3,771	
				SEAS	SONALLY ADJI	JSTED				
1076 T1	1,556	16.3	<b></b>	4,902	19.0		6,458	18.3		
1976 - July	1,244	12.8		4,999	19.1		6,243	17.4	- ~	
Aug.		13.5		5,525	20.8		6,851	18.8	<b>(60</b> 67)	
Sept.	1,326	14.1		5,016	18.5		6,412	17.3		
Oct.	1,396			4,047	14.7		4,899	13.1		
Nov.	852	8.5	en en		15.9		5,509	14.5	sed 479	
Dec.	1,086	10.7		4,423	13.9		3,509	14.5		
1977 - Jan.	965	9.5		4,285	15.2		3,250	13.7	en en	
Feb. <u>p</u> /		5.7		2,934	10.3		5,521	9.1		

### NOTES:

Digitized for F3ASAnnual growth rate for monthly data is the annualized monthly percentage increase in deposits.

http://fraser.stleuisfed National Association of Mutual Savings Banks and Federal Home Loan Bank Board.

<sup>1</sup> 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.

<sup>2</sup> New deposits net of both withdrawals and interest. Data for S&L's are for insured associations only, which represent 96 per cent of industry total resources.

### Table 10

# MORTGAGE COMMITMENTS AT SELECTED THRIFT INSTITUTIONS

BILLIONS OF DOLLARS, SEASONALLY ADJUSTED

<b>,</b>	OUTST	ANDING COMM	ITMENTS	NET CHANGE				
PERIOD	TOTAL	ALL SAVINGS & LOAN ASSOCIATIONS	MUTUAL SAVINGS BKS (N.Y. STATE)	TOTAL	ALL SAVINGS & LOAN ASSOCIATIONS	MUTUAL SAVINGS BKS (N.Y. STATE)		
1972 - Dec.	25.2	20.3	4.9	.45	.43	.02		
1973 - Dec.	19.9	16.4	3.5	.04	.21	17		
1974 - Dec.	14.6	12.4	2.2		.09	09		
1975 - Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.  1976 - Jan. Feb.	14.8 14.6 15.2 16.1 16.7 17.0 17.9 18.9 19.7 20.1 20.2 20.6	12.7 12.7 13.2 14.1 14.6 14.9 15.8 16.7 17.6 18.0 18.2 18.6	2.1 1.9 2.0 2.0 2.1 2.1 2.1 2.2 2.1 2.1 2.0 2.0	03 01 .50 1.18 .55 .25 .92 1.21 .90 .01 .35 .04	.18 .06 .41 .95 .53 .29 .84 .98 .86 .37 .22 .35	11 24 .11 .01 .04 .04 03 .09 09 .02 03 02		
Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.	21.7 21.8 22.3 22.6 23.1 23.7 24.6 26.1 27.3 28.2	19.5 19.6 20.0 20.4 20.8 21.3 22.0 23.5 24.6 25.5	2.2 2.2 2.3 2.2 2.3 2.4 2.6 2.6 2.7 2.7	.48 .38 .48 .27 .50 .87 1.05 1.20 1.26	.16 .10 .32 .53 .33 .50 .78 1.46 1.09	.19 .05 .05 02 .03 .12 .19 .06 .09		
1977 - Jan. Feb. Mar.	27.9 28.4 29.5	25.1 25.4 26.3	2.8 3.0 3.2	35 .48 1.18	45 .30 .98	.10 .18 .20		

### 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

**	TOTAL	· INT	ERMEDIATE AN	D LONG-TERM I	SSUES	FNMA & FHLB
PERIOD	INCLUDING SHORT-TERM DISCOUNT NOTES	TOTAL	FHLB	FHLMC	FNMA	SHORT-TERM DISCOUNT NOTES
107/	12.769		11 700		11 050	110
1974 - Sept.	+2,768	+2,750	+1,700	. <b></b>	+1,050 +100	+18 +66
Oct.	+1,665	+1,599	+1,499 -217		+310	-182
Nov.	,	+93 +961	-217 +470		+310 +491	-162 -454
Dec.	+507	7901	T470		<del>-</del> 491	-454
1975 - Jan.	-242	<b>-</b> 5	-4	· .	-1	-237
Feb.	-659	-254	-554	+300	0	-405
Mar.	+440	+689	-11	0	+700	-249
Apr.	0	+69	<b>-</b> 30	-1	+100	-69
May	-1,568	-1,279	-1,279	0	0	-289
June	+330	+600	. 0	Ō	+600	-270
July	+236	+300	0	0	+300	-64
Aug.	-398	<b>-</b> 700	-700	0	0	302
Sept.	215	100	0	Ö	100	115
Oct.	587	850	+150	0	700	-263
Nov.	152	200	0	200	0	-203 -48
	669	600	0			
Dec.	009	800		0	600	69
1976 - Jan.	-197	o	0	0	0	-197
Feb.	-1,160	-800	-1,100	200	300	-360
Mar.	447	-100	0	0	-300	-547
Apr.	131	700	0	0	700	-569
May	-946	-600	-600	0	0	-346
June	-101	-200	0	0	-200	99
July	-49	300	o .	0	300	-349
Aug.	397	-200	0	-200	0	597
	257	200	0	-200 0	200	57
Sept.	257	200	U	U	200	37
					·	
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### NOTES:

Based on data from Treasury Survey of Ownership.

Sales of FHLB discount notes began in May 1974.

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### Table 12

### **NET CHANGE IN MORTGAGE HOLDINGS**

IN MILLIONS OF DOLLARS

		TOTAL FINANCIAL INSTITUTIONS									
PERIOD	INCLUDING FNMA-GNMA	TOTAL	COMMERCIAL BANKS	MSB's	S & L's	INSURANCE COMPANIES	FNMA-GNMA				
			Not Sea	sonally A	djusted						
				······································							
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	64,589	64,965	13,500	4,074	44,977	2,414	-376				
1976 - June	6,140	6,783	1,300	517	4,804	162	-643				
July	6,394	6,088	1,200	314	4,512	62	306				
Aug.	6,141	5,861	1,100	384	4,239	138	280				
Sept.	6,231	6,371	1,600	364	4,081	326	-140				
Oct.	5,283	5,699	1,300	398	3,895	106	-416				
Nov.	5,849	5,257	900	341	3,531	485	592				
Dec.	6,213	6,376	1,000	690	3,913	773	-163				
.977 - Jan.	3,430	3,756	600	196	2,926	34	<b>-3</b> 26				
Feb.	4,075	4,117	900	156	3,030	31	- 42				
Mar.		•	1,600		4,537						
						1 1					
			Seaso	nally Adj	usted						
1976 - June	4,944	5,346	982	358	3,831	175	-402				
July	5,246	5,281	1,183	225	3,753	120	- 35				
Aug.	5,327	5,315	951	359	3,840	165	12				
Sept.	6,973	6,417	1,414	438	4,234	331	-344				
Oct.	5,432	6,067	1,285	444	4,270	68	-635				
Nov.	6,649	6,088	1,042	366	4,268	412	561				
Dec.	6,198	6,448	1,082	573	4,425	368	-250				
.977 - Jan.	5,217	5,484	1,055	337	3,980	112	-267				
Feb.	5,310	5,175	1,227	307	3,567	74	135				
Mar.		•	1,647		4,407						
	1 1						l				

<sup>1</sup> 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.

Digitized for Beginning January 1972 data reflect activity in limited amount of conventional mortgages. http://fraser.stlouisfed.org/

### **NET INCREASE IN** MORTGAGE DEBT OUTSTANDING

IN BILLIONS OF DOLLARS, SEASONALLY ADJUSTED ANNUAL RATES

	2		RESIDENTIAL	3		MULTIFAMILY		
QUARTER	TOTAL	TOTAL	1- to 4- FAMILY	MULTI- FAMILY	COMMERCIAL		FARM	
1969 - I	34.1	25.5	21.2	4.4	6.6	11.0	2.0	
II	30.8	23.6	19.0	4.5	5.2	9.8	2.0	
III	28.2	21.4	16.8	4.6	5.2	9.8	1.7	
IV	29.6	22.3	16.0	6.3	6.0	12.3	1.3	
1970 - I	23.3	16.7	11.2	5.5	5.6	11.1	0.9	
II	26.9	19.2	13.6	5.5	6.8	12.3	1.0	
III	34.1	24.5	16.2	8.2	8.3	16.5	1.4	
IV	37.1	28.1	19.5	8.6	7.6	16.1	1.4	
1971 - I	41.8	32.8	23.3	9.5	6.6	16.1	2.5	
II	51.4	40.0	30.0	10.4	8.9	19.3	2.5	
III	56.6	42.2	33.1	9.1	11.7	20.8	2.7	
IV	60.3	46.0	36.3	9.7	11.5	21.2	2.8	
1972 - I	70.6	50.6	39.4	11.2	16.6	27.8	3.4	
II	72.9	53.6	40.7	12.9	15.6	28.6	3.6	
III	75.2	56.7	46.0	10.7	14.7	25.4	3.8	
IV	89.3	65.7	49.5	16.2	20.4	36.5	3.3	
1973 - I	86.4	59.6	51.4	8.2	21.3	29.5	5.6	
II	84.0	58.3	45.3	13.0	20.2	33.2	5.5	
III	80.0	55.2	43.1	12.1	19.5	31.6	5.3	
IV	71.4	49.5	41.4	8.2	16.3	24.5	5.6	
1974 - I	71.8	49.3	39.8	9.6	18.9	28.5	3.6	
II	69.0	46.8	39.5	7.3	17.4	24.7	4.8	
III	56.0	35.7	29.5	6.2	14.0	20.2	6.3	
IV	46.3	28.9	24.0	4.8	11.6	16.5	5.8	
1975 - I	38.8	26.3	26.3	0.0	7.2	7.2	5.3	
II	54.5	40.3	40.3	0.0	9.4	9,3	4.8	
III	62.9	46.1	46.1	0.1	12.5	12.5	4.3	
IV	69.2	51.6	52.1	-0.5	14.1	13.6	3.5	
1976 - I	75.7	58.6	58.2	0.5	11.1	11.6	6.0	
II r	71.3	53.3	53.0	0.2	12.4	12.6	5.6	
III r	87.6	65.3	64.4	0.8	14.5	15.3	7.9	
IV r	94.7	71.9	70.4	1.5	14.1	15.6	8.7	

### 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.
- May differ somewhat from related flow of funds series mainly because of more aggregative type of seasonal adjustment.
- Residential mortgage debt includes nonfarm only and is sum of 1-to 4- family and multifamily mortgage debt.

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Table 14

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

IN THOUSANDS OF UNITS, SEASONALLY ADJUSTED ANNUAL RATES

		PERMITS 1			STARTS			COMPLETIONS		
PERIOD TO	TOTAL	1-FAMILY	2-OR MORE FAMILY	TOTAL	1—FAMILY	2-OR MORE FAMILY	TOTAL	1—FAMILY	2-OR MORE FAMILY	HOME SHIPMENTS
1060			600	1 / 07	011	(5)	1 200	000	500	413
1969	1,324	626	698	1,407	811 813	656 621	1,399	808 802	592 617	401
1970	1,352	647	705	1,434		ì	1,418	1,014	692	497
1971	1,925	906	1,018	2,052	1,151	901	1,706		828	576
1972	2,219	1,033	1,186	2,357	1,309	1,048	1,972	1,143	840	567
1973	1,820	882	937	2,045	1,132	914	2,014	1,174 932	760	329
1974	1,074	644	431	1,388	888	450	1,692			i
1975	939	676	264	1,160	892	268	1,297	867	430	216
1976	1,281	895	386	1,538	1,162	376	1,362	1,026	336	250
1976 - Jan.	1,147	851	296	1,259	973	286	1,213	926	287	260
Feb.	1,165	863	302	1,476	1,216	260	1,299	953	346	281
Mar.	1,188	882	306	1,426	1,124	302	1,399	1,032	367	244
Apr.	1,082	803	279	1,385	1,071	314	1,266	986	280	238
May May	1,158	807	351	1,435	1,091	344	1,360	934	426	246
June	1,150	829	321	1,494	1,122	372	1,373	1,052	321	231
July	1,215	870	345	1,413	1,129	284	1,307	1,038	269	221
Aug.	1,296	874	422	1,530	1,172	358	1,401	1,094	307	242
Sept.	1,504	926	578	1,768	1,254	514	1,387	1,017	370	248
Oct.	1,492	998	494	1,715	1,269	446	1,326	989	337	263
Nov.	1,590	1,072	518	1,706	1,236	470	1,399	1,068	331	247
Dec.	1,514	1,053	461	1,889	1,324	565	1,435	1,074	361	248
1977 <b>-</b> Jan.	1,307	927	380	1,384	1,006	378	1,411	1,099	312	258
Feb.	1,529	1,064	465	1,815	1,431	384	1,615	1,210	405	275
Mar.	1,708	1,205	503	2,127	1,525	602	-,	_,		265p
		•		·	-					

#### 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.

Digitized for FRASER Permit data for 1969 and 1970 based on 13,000 areas with permit systems. http://fraser.stlouisfed.org/

Table 15

### **AVERAGE RATES AND YIELDS ON HOME MORTGAGES**

			ONAL LOANS Y MARKET			HA) INSURED CONDARY MA	SPREAD BETWEEN		
	NEW H	OMES	EXISTING		NEW HOMES	RETURNS ON CONVENTIONAL	NEW Aaa UTILITY		
PERIOD	RATE (IN PER CENT)	SPREAD (BASIS POINTS)	1 RATE (IN PER CENT)	SPREAD (BASIS POINTS)	1 YIELD (IN PER CENT)	SPREAD (BASIS POINTS)	DISCOUNT (PERCENTAGE POINTS)	AND HUD(FHA) NEW HOME	BOND YIELD (IN PER CENT)
1975 <b>-</b> 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 - Jan.	9.05	39	9.10	44	9.06	40	2.4	- 1	8.66
Feb.	9.00	42	9.05	47	9.04	46	2.2	- 4	8.58
Mar.	8.95	42	9.00	47	n.a.	n.a.	n.a.	n.a.	8.53
Apr.	8.90	32	8.95	37	8.82	24	2.5	8	8.58
May	9.00	5	9.05	10	9.03	8	4.1	- 3	8.95
June	9.05	35	9.10	40	9.05	35	4.2	0	8.70
July	9.05	33	9.10	38	8.99	27	3.8	6	8.72
Aug.	9.05	58	9.10	63	8.93	46	3.3	12	8.47
Sept.	9.00	77	9.05	82	8.82	59	2.5	18	8.23
Oct.	9.00	71	9.00	71	8.55	26	4.3	45	8.29
Nov.	8.95	90	9.00	9 <b>5</b>	8.45	40	3.6	50	8.05
Dec.	8.90	n.a.	8.95	n.a.	8.25	n.a.	2.0	65	n.a.
.977 - 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

### NOTES:

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 downpayment, prepaid in 15 years, for immediate delivery, are used.

<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.

Table 16

### **FNMA AUCTION RESULTS** HOME MORTGAGE COMMITMENTS

	GOVER	NMENT-UNDERV	VRITTEN	CONVENTIONAL				
DATE OF AUCTION		OUNT OF DOLLARS)	AVERAGE YIELD		OUNT OF DOLLARS)	AVERAGE YIELD		
	OFFERED	ACCEPTED		OFFERED	ACCEPTED			
1976 - High	634 (5/17)	321 (5/17)	9.20 (6/1)	171 (9/7)	127 (11/15)	9.31 (6/1, 6/2)		
Low	21 (12/27)	) 19 (12/27)	8.39(12/27)	33 (1/26)	23 (2/23)	8.90 (12/27)		
1976 <b>-</b> Sept. 7	121.9	68.8	8.92	170.6	117.8	9.13		
20	99.1	49.1	8.84	151.1	107.6	9.09		
Oct. 4	124.3	61.8	8.80	153.8	94.4	9.07		
18	111.2	45.3	8.70	143.7	121.4	9.02		
Nov. 1	215.3	73.2	8.67	141.7	112.2	9.00		
15	218.9	114.2	8.68	140.9	126.5	9.00		
30	59.9	33.7	8.63	70.7	58.2	8.99		
Dec. 13	36.0	22.6	8.51	79.7	68.1	8.89		
27	20.9	18.9	8.39	70.5	67.3	8.80		
1977 - Jan. 10	385.7	285.8	8.46	184.2	132.5	8.81		
24	361.7	263.3	8.49	142.6	105.8	8.83		
Feb. 7	389.6	213.6	8.52	151.7	120.2	8.85		
24	478.8	271.1	8.58	148.3	115.6	8.87		
Mar, 7	703.3	324.9	8.66	206.4	153.2	8.90		
21	434.9	287.1	8.70	167.5	114.9	8.92		
Apr. 4	321.5	201.9	8.72	196.1	158.3	8.97		
18	134.6	67.9	8.62	152.0	122.4	8.97		
May 2	723.1	422.2	8.70	383.4	255.1	9.03		

### 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 related stock requirements on 4-month commitments. Mortgage amounts offered by bidders relate to total Digitized for Fightle bids received. http://fraser.stlouisfed.org/

Federal Reserve Bank of St. Louis