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MAY 7 1976  
FEDERAL RESERVE BANK  
OF RICHMOND

# Capital Market Developments

**May 3, 1976**

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

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## 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 OFFERED <sup>2</sup> Aaa UTILITY	GROSS OFFERINGS <sup>3</sup> (\$ MILLIONS)	PER CENT SOLD BY END OF WEEK	NEW ISSUES <sup>4</sup> IN SYNDICATE (\$ MILLIONS)
1976 - Feb. 6	8.68	8.62	50	99	5
13	--	8.68	350	100	0
20	8.64	8.67	302	96	27
27	8.58	8.56	1,376	82	165
Mar. 5	8.72	8.72	440	90	73
12	8.63	8.64	998	95	30
19	8.61	8.60	920	99	6
26	8.53	8.50	410	92	63
Apr. 2	8.60	8.54	345	96	46
9	--	8.50	252	98	10
16	8.42r	8.44	448	96	41
23	8.38r	8.54r	1,153	89	98
30	8.58p	8.60p	387	85	151

  

WEEK ENDING	MUNICIPAL BOND MARKET				
	YIELDS		VOLUME		
	MOODY'S NEW ISSUE Aaa	BOND BUYER 20-BOND INDEX	GROSS OFFERINGS <sup>3</sup> (\$ MILLIONS)	PER CENT SOLD BY END OF WEEK	NEW ISSUES <sup>4</sup> IN SYNDICATE (\$ MILLIONS)
1976 - Feb. 6	6.00	6.86	774	87	159
13	6.05	6.95	625	80	170
20	6.06	6.97	539	77	239
27	6.06	6.98	508	89	154
Mar. 5	6.10	7.04	509	87	155
12	6.05	6.98	1,064	90	187
19	6.01	6.92	529	88	169
26	5.81	6.72	534	92	93
Apr. 2	5.77	6.69	490	82	134
9	5.74	6.65	502	78	158
16	5.63	6.54	514	93	97
23	5.63	6.55	543	85	139
30	5.63	6.55	523	84	136

## 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>
1972 - High	7.60 (4/21)	7.49 (4/21)	7.36 (4/28)	6.19 (4/14)	6.54 (4/13)
Low	6.99 (11/24)	7.15 (12/1)	7.05 (2/12)	5.74 (11/17)	4.96 (10/21)
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	8.88 (1/9)	9.10 (1/2)	8.66 (1/2)	8.09 (2/13)	7.29 (1/2)
Low	8.38 (4/23)	8.44 (4/16)	8.36 (4/23)	7.80 (4/23)	6.54 (4/16)
1976 - Mar. 5	8.72	8.72	8.55	8.07	7.04
12	8.63	8.64	8.55	7.99	6.98
19	8.61	8.60	8.54	7.97	6.92
26	8.53	8.50	8.50	7.89	6.72
Apr. 2	8.60	8.54	8.46	7.90	6.69
9	--	8.50	8.42	7.84	6.65
16	8.42r	8.44	8.36	7.80	6.54
23	8.38r	8.54r	8.36	7.84r	6.55
30	8.58	8.60p	8.41	7.92	6.55

**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

5

**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>		
	1975	1974	1973	1976	1975	1974
January	5,365	3,328	2,327		2,361	2,255
February	4,530	2,687	1,962	2,331	2,387	2,003
March	5,378	3,217	3,933	2,655	2,135	2,025
				3,232		
April	4,294	3,060	2,497		2,406	2,397
May	5,798	3,164	2,543		2,900	2,304
June	5,618	2,981	3,578		3,064	2,166
July	4,390	3,248	2,631		3,580	1,459
August	2,398	2,667	1,806		2,783	1,106
September	2,845	1,617	1,915		2,159	1,701
October	4,710	4,609	3,398		2,323	2,860
November	4,087	3,739	3,563		2,381	2,483
December	4,279	3,511	3,238		2,052	1,479
Q1	15,273	9,232	8,222		6,883	6,283
Q2	15,710	9,205	8,618		8,370	6,867
Q3	9,633	7,532	6,352		8,522	4,266
Q4	13,076	11,859	10,199		6,756	6,822
1st Half	30,983	18,437	16,840		15,253	13,150
3 Qtrs.	40,616	25,969	23,192		23,775	17,416
Year	53,692	37,828	33,391		30,531	24,238

**NOTES:**

1 Securities and Exchange Commission estimates of gross proceeds.

2 Securities Industry Association estimates of principal amounts.

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				
1975 - I	15,273	10,829	2,352	2,092	1,255	1	6,058	4,735	1,384	3,099
II	15,710	10,510	1,595	3,605	1,035	656	6,699	4,407	1,190	3,414
III	9,633	5,428	2,149	2,056	1,225	463	2,525	3,324	679	3,105
IV	13,076	5,816	4,133	3,127	1,902	215	3,463	3,414	1,214	4,985
1974 - Dec.	3,511	2,172	886	453	--	--	1,652	629	175	1,055
1975 - Jan.	5,365	3,657	1,135	573	470	1	1,904	1,271	938	1,252
Feb.	4,530	3,201	707	622	610	--	1,675	1,957	129	771
Mar.	5,378	3,971	510	897	175	--	2,479	1,507	317	1,076
Apr.	4,294	2,771	423	1,100	135	130	1,731	1,380	415	767
May	5,798	3,796	502	1,500	475	315	2,650	1,549	413	1,188
June	5,618	3,943	670	1,005	425	211	2,318	1,478	362	1,459
July	4,390	2,658	1,075	657	925	425	1,180	1,039	270	1,901
Aug.	2,398	1,356	479	563	--	--	711	1,024	112	551
Sept.	2,845	1,414	595	836	300	38	634	1,261	297	653
Oct.	4,710	2,389	774	1,547	102	61	955	1,247	928	1,581
Nov.	4,087	1,666	1,638	783	825	--	1,115	1,268	55	1,649
Dec.	4,279	1,761	1,721	797	975	154	1,393	899	231	1,755

## 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<sup>1</sup>**

March 29, - April 30, 1976

ISSUER	TYPE	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	COUPON RATE	OFFERING YIELD	MOODY'S RATING
<b>CORPORATE</b>						
Inland Steel Co.	Com stk	74.1	--	--	--	--
Big Three Industries	Com stk	57.8	--	--	--	--
Pacific Gas & Electric Co.	Pfd stk	110.0	--	10.18	9.25	A-
Pennsylvania Power & Light Co.	Com stk	70.0	--	--	--	--
Hospital Corp. of America	Com stk	20.1	--	--	--	--
Greyhound Leasing & Financial Corp.	Notes	60.0	1984	9.70	9.70	Baa/BBB
Big Three Industries Inc.	SF debt	50.0	2001	8.55	8.55	A
Atchison & Topeka Santa Fe Ry	Equip tr	15.0	1977-1991	8.00	6.15-8.00	Aaa
Hawaiian Tele. Co.	1st mtg	35.0	2006	8.50	8.59	Aa
Public Service Electric & Gas Co.	1st mtg	60.0	2006	8.75	8.75	Aa
Liggett & Myers Inc.	Debt	75.0	2001	8.63	8.63	A
Hertz Corp.	SF debt	50.0	2001	8.88	8.88	A
Arvin Industries	Pfd stk	21.0	--	8.00	8.00	/BB
Ohio Edison	Com stk	70.0	--	--	--	--
American Hoist	Com stk	16.6	--	--	--	--
Chesapeake & Ohio Ry	Equip tr	15.0	1977-1991	8.13	6.25-8.25	Aa
Capital Financial Services Inc.	Notes	25.0	1983	8.95	8.95	--/A
General Motors Accept. Corp.	Notes	150.0	1986	8.13	8.18	A
Borg Warner Acceptance	Notes	50.0	1986	8.38	8.47	A
Northern Indiana Public Svc	Com stk	36.3	--	--	--	--
Minnesota Power & Light	Com stk	15.0	--	--	--	--
Rexnord Inc.	Conv debt	30.0	2006	5.88	5.88	Baa/BBB

**NOTES:**

\* Rights offering.

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

Table 5A Continued

# INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

OTHER THAN U.S. TREASURY

March 29, - April 30, 1976

ISSUER	TYPE	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	COUPON RATE	OFFERING YIELD	MOODY'S RATING
<b>CORPORATE</b>						
Cyprus Mines Corp.	Notes	100.0	2001	8.50	8.50	A
Bucyrus Erie Co.	Notes	50.0	1983	7.75	7.75	A
CIT Financial Corp.	Debt	100.0	2001	8.38	8.45	Aa
CIT Financial Corp.	Debt	100.0	1986	7.88	7.88	Aa
Private Export Funding Corp.	Notes	150.0	1984	7.80	7.80	Aaa
El Paso Co.	Com stk	65.0	--	--	--	--
Baltimore Gas & Electric Co.	Com stk	34.5	--	--	--	--
Wisconsin Public Service Co.	Com stk	18.4	--	--	--	--
Southern Bell Tele.	Debt	450.0	2016	8.25	8.29	Aaa
Beneficial Finance Co. of N.J.	Debt	75.0	1984	7.75	7.84	Aa
Midland Enterprises Inc.	1st mtge	25.0	1996	8.70	8.70	A
Sears Roebuck & Co.	S.F. debt	250.0	2006	8.00	8.02	Aaa
Avco Financial Services	Notes	100.0	1984	8.50	8.59	A
Utah Power & Light	1st mtge	32.0	2006	8.75	8.75	A
Appalachian Power Co.	1st mtge	60.0	2006	9.75	9.60	Baa/BBB
Kansas Power & Light Co.	Com stk	23.6	--	--	--	--
Sohio Pipe Line Co.	Debt	250.0	2001	8.75	8.80	A/AA-
Central Maine Power Co.	1st mtge	35.0	2006	9.63	9.63	Baa/BBB
Southwestern Electric Power	1st mtge	45.0	2006	8.75	8.75	Aa
Kansas Power & Light	1st mtge	45.0	2006	8.63	8.70	Aa
<b>Other</b>						
Societe Nationale de Chemins	Notes	100.0	1983	8.75	8.90	Aaa
British Columbia's Municipal Fin. Auth.	S.F. debt	52.5	2001	8.88	8.88	Aa
European Coal & Steel Community	Notes	75.0	1984	8.88	8.71	Aaa
European Coal & Steel Community	Debt	100.0	1996	9.00	9.11	Aaa
Nippon Tele. & Tel. Public Corp.	Notes	100.0	1981	7.88	8.00	Aaa



Table 5A Continued

## INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

### OTHER THAN U.S. TREASURY

March 29, - April 30, 1976

ISSUER	TYPE	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	COUPON RATE	OFFERING YIELD	MOODY'S RATING
<b>CORPORATE</b>						
<u>Cancelled due to legal technicalities</u> Pennsylvania Electric Co.	1st mtge	60.0	2006	9.00	9.00	A/BBB

Table 5B

# INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

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

March 29, thru April 30, 1976

ISSUER	TYPE <sup>2</sup>	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	NET INTEREST COST	OFFERING YIELD	MOODY'S RATING
<b>STATE AND LOCAL</b>						
Kentucky Hsg. Corp.	Rev	49.0	1977-1996	6.96	3.50-6.90	Aa
Kentucky Hsg. Corp.	Rev	41.0	2007	6.96	7.20	Aa
Belleville, Ill.	Rev	3.7	1980-1991	7.81	5.40-7.25	A-1
Belleville, Ill.	Rev	12.6	2006	7.81	7.75	A-1
Albuquerque, N.M.	G.O.	15.4	1977-1982	4.49	3.45-4.60	A-1
Albuquerque, N.M.	G.O.	3.9	1977-1983	4.93	3.25-4.85	A-1
Cleveland Reg. Sewer Dist., Ohio	Rev	16.6	1977-1992	6.93	4.00-6.70	A
Cleveland Reg. Sewer Dist., Ohio	Rev	16.4	1999	6.93	7.14	A
California, State of	G.O.	100.0	1978-2002	5.38	3.40-5.70	Aaa
Peabody, Mass.	G.O.	10.2	1977-1996	5.73	3.50-6.30	Aa
Kansas, State of	Rev	50.0	1976-1982	4.43	3.00-4.65	A-1
Illinois Hsg. Dev. Auth.	Rev	5.5	1978-1996	7.40	4.50-7.00	A-1
Illinois Hsg. Dev. Auth.	Rev	26.9	2018	7.40	7.38	A-1
Gilroy Unified Sch. Dist., Cal.	Rev	10.0	1979-2008	6.63	4.50-6.90	A
Little Blue Val. Sewer Dist., Mo.	Rev	25.0	1981-2010	6.58	4.60-6.80	A-1
Wichita Unified Sch. Dist., Kansas	G.O.	15.0	1977-1996	5.18	3.10-6.00	Aa
Texas, State of	G.O.	35.0	1984-1989	4.06	4.45-5.00	Aaa
South Carolina Pub. Service Auth.	Rev	19.3	1981-1998	6.98	4.60-6.75	A-1
South Carolina Pub. Service Auth.	Rev	20.7	2006	6.98	6.88	A-1
South Carolina Pub. Service Auth.	Rev	60.0	2016	6.98	7.05	A-1
Maine, State of	G.O.	19.4	1977-1986	4.46	3.20-4.80	Aa
Minneapolis, Minn.	G.O.	13.0	1977-1986	4.45	3.20-4.80	Aaa
Minneapolis, Minn.	G.O.	2.9	1977-1996	5.20	3.20-5.75	Aaa

**NOTES:**<sup>1</sup> Includes only state and local security offerings of \$10 million and over; excludes secondary offerings.<sup>2</sup> In case of State and local government securities, G.O. denotes general obligation; Rev.-Ut., revenue obligations secured only by income from public utilities; Rev.-Q.-Ut., revenue bonds secured only by income from quasi-utilities; Rev.-S.T., revenue bonds secured by revenue from specific taxes only; Rev.-Rent., revenue bonds secured solely by lease payments.<sup>3</sup> Includes foreign government and International Bank for Reconstruction and Development issues and non-guaranteed issues by Federal Agencies.

Table 5B Continued

# INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

## OTHER THAN U.S. TREASURY

March 29, thru April 30, 1976

ISSUER	TYPE	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	NET INTEREST COST	OFFERING YIELD	MOODY'S RATING
<b>STATE AND LOCAL</b>						
New York, State of	G.O.	15.0	1977-2001	7.00	--	--
South Carolina, State of	G.O.	13.6	1977-1986	4.40	2.90-4.60	Aaa
Missouri State Environmental Auth.	Rev	10.5	2001	8.19	8.00	--
Wilmington, Del.	G.O.	12.5	1977-2001	6.27	3.60-6.80	A-1
Port Arthur Nav. Dist., Texas	Rev	26.4	2006	6.17	6.10	Aaa
Valdez, Alaska	G.O.	11.2	1978-1993	6.56	4.70-6.80	A
Oregon, State of	G.O.	125.0	1981-1994	5.58	4.10-5.60	Aaa
Ohio, State of	G.O.	45.0	1977-2001	6.36	3.50-6.75	Aa
Washington Pub. Power System	Rev	19.6	1983-1998	6.48	4.40-6.00	Aaa
Washington Pub. Power System	Rev	35.1	2010	6.48	6.53	Aaa
Washington Pub. Power System	Rev	45.3	2018	6.48	6.60	Aaa
Escambia Co., Fla.	Rev	12.8	2006	--	6.75	Aa
University of Massachusetts Bldg. Auth.	Rev	5.3	1977-1996	7.47	4.75-6.90	A-1
University of Massachusetts Bldg. Auth.	Rev	16.8	2011	7.47	7.50	A-1
Conejo Valley Unified Sch. Dist. Cal.	G.O.	10.5	1977-1996	5.74	3.40-6.00	A-1
Gulf Coast Waste Disposal Auth., Tex.	Rev	17.5	2001	--	6.20	Aa
Bucks Co. Water & Sewer Auth., Pa.	Rev	5.9	1976-1985	--	3.00-5.10	Aaa
Bucks Co. Water & Sewer Auth., Pa.	Rev	8.4	1981-2011	--	7.00	Aaa
Michigan State Hsg. Dev. Auth.	Rev	4.3	1977-1997	7.85	4.25-7.40	A-1
Michigan State Hsg. Dev. Auth.	Rev	3.0	2003	7.85	7.50	A-1
Michigan State Hsg. Dev. Auth.	Rev	17.7	2019	7.85	7.88	A-1
Milwaukee Co., Wisc.	G.O.	4.3	1977-1986	4.44	3.00-4.70	Aaa
Milwaukee Co., Wisc.	G.O.	7.5	1977-1991	4.79	3.00-5.20	Aaa
Alexandria Sant. Auth., Va.	Rev	6.8	1980-1989	6.82	4.50-6.00	A
Alexandria Sant. Auth., Va.	Rev	16.2	2001	6.82	6.88	A
Lynchburg, Va.	G.O.	15.6	1977-1996	5.16	3.20-6.00	Aa

Table 5B Continued

# INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

## OTHER THAN U.S. TREASURY

March 29, thru April 30, 1976

ISSUER	TYPE	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	NET INTEREST COST	OFFERING YIELD	MOODY'S RATING
<b>STATE AND LOCAL</b>						
Erie Co., N.Y.	G.O.	39.7	1977-2001	7.02	4.75-7.10	A-1
Massachusetts Hsg. Finance Agy.	Rev	4.7	1978-1991	7.80	5.00-7.00	A-1
Massachusetts Hsg. Finance Agy.	Rev	40.0	2017	7.80	7.75	A-1
Savannah Port Auth., Ga.	Rev	11.5	2006	--	6.20	A
Stamford, Conn.	G.O.	15.4	1977-1996	5.14	3.10-5.80	Aaa
Allegheny Co. Hosp. Dev. Auth., Pa.	Rev	2.8	1980-1991	--	5.00-7.00	--
Allegheny Co. Hosp. Dev. Auth., Pa.	Rev	1.1	1994	--	7.13	--
Allegheny Co. Hosp. Dev. Auth., Pa.	Rev	13.6	2011	--	7.50	--
Salt River Agric. Improv. Power Dist., Ariz.	Rev	22.6	1984-1999	6.61	4.70-6.10	Aa
Salt River Agric. Improv. Power Dist., Ariz.	Rev	30.8	2006	6.61	6.50	Aa
Salt River Agric. Improv. Power Dist., Ariz.	Rev	86.6	2016	6.61	6.63	Aa
Alabama Pub. Sch. & College Auth.	Rev	40.0	1977-1996	5.51	3.20-6.15	Aa
Northampton Co., Pa.	G.O.	10.5	1977-1996	--	3.20-6.10	--
Gtr. New Bedford Voc. High Sch. Dist., Mass.	G.O.	13.5	1977-1991	6.79	4.00-7.00	A
Deer Park Ind. Sch. Dist., Texas	G.O.	13.5	1977-1992	4.95	3.10-5.20	Aa
Pennsylvania Hsg. Finance Agy.	Rev	7.0	1977-1996	7.77	4.30-7.20	A-1
Pennsylvania Hsg. Finance Agy.	Rev	4.9	2002	7.77	7.50	A-1
Pennsylvania Hsg. Finance Agy.	Rev	46.4	2023	7.77	7.75	A-1
Tennessee, State of	G.O.	125.0	1977-1996	5.10	3.20-5.85	Aaa
Michigan State Hospital Fin. Auth.	Rev	4.6	1980-1993	7.57	5.50-7.40	--
Michigan State Hospital Fin. Auth.	Rev	12.2	2007	7.57	7.50	--
Tulsa Parking Auth., Okla.	Rev	20.4	1987-1996	--	6.50-7.50	Baa

Table 5B Continued

# INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

## OTHER THAN U.S. TREASURY

March 29, thru April 30, 1976

ISSUER	TYPE	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	NET INTEREST COST	OFFERING YIELD	MOODY'S RATING
<b>STATE AND LOCAL</b>						
Denver Sch. Dist. #1 Colo.	G.O.	24.3	1977-1985	4.35	3.20-4.70	Aa
Menasha, Wisc.	G.O.	3.4	1977-1989	5.17	3.40-5.50	Aa
Menasha, Wisc.	G.O.	6.8	1977-1991	5.30	3.40-5.75	Aa
Minnesota Hsg. Finance Agy.	Rev	2.4	1979-1998	7.03	4.25-6.80	A-1
Minnesota Hsg. Finance Agy	Rev	8.8	2018	7.03	7.00	A-1
West Virginia Hsg. Dev. Fund	Rev	5.2	1977-1996	7.22	4.00-6.80	A-1
West Virginia Hsg. Dev. Fund	Rev	2.7	2001	7.22	7.00	A-1
West Virginia Hsg. Dev. Fund	Rev	2.9	2005	7.22	7.10	A-1
West Virginia Hsg. Dev. Fund	Rev	14.4	2018	7.22	7.25	A-1
Decatur Indust. Dev. Bd., Ala.	Rev	10.0	1986-2006	--	5.13-6.25	Aa
Muscatine, Iowa	Rev	14.9	1986-2006	--	5.13-6.25	Aa
Missouri Hsg. Dev. Commission	Rev	3.7	1978-2001	6.51	4.00-6.60	Aa
Missouri Hsg. Dev. Commission	Rev	8.1	2019	6.51	6.65	Aa
Scottsdale Unified Sch. Dist. #48, Ariz.	G.O.	12.8	1977-1984	4.76	3.30-5.00	A-1
Tempe Union High Sch. Dist. #213, Ariz.	G.O.	10.3	1986-1990	5.62	5.20-5.70	A-1
Louisa Indust. Dev. Auth. Va.	Rev	20.0	2006	6.82	6.75	A
Oakland Co., Mich.	G.O.	22.8	1977-1979	3.90	--	MIG1

Table 6A

# **FORTHCOMING INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS**

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

As of April 30, 1976

ISSUER	TYPE	AMOUNT (IN MILLIONS OF DOLLARS)	APPROXIMATE DATE OF OFFERING
<b>CORPORATE</b>			
Boston Edison	Pfd stk	35.0	May 3
Southern Natural Gas	Debt	60.0	May 4
Philadelphia Electric Co.	Pfd stk	50.0	May 4
Allied Stores Corp.	Com stk	53.0	May 4
Kansas City Pwr. & Light Co.	1st mtge	40.0	May 4
Gelco Corp.	Conv debt	20.0	May 4
Iowa Public Service Co.	1st mtge	25.0	May 4
*Farrell Lines	Gvt gtr	21.0	May 5
Central Illinois Light Co.	1st mtge	45.0	May 5
Engelhard Minerals & Chemicals Corp.	Conv debt	100.0	May 5
Bankamerica Corp.	Debt	200.0	May 6
Ocean Drilling & Exploration	Pfd stk	40.0	May 11
*Southern Ry	Equip tr	17.4	May 11
Cleveland Electric Illuminating	Com stk	60.0	May 11
Southern Calif. Gas	1st mtge	50.0	May 12
Ohio Power Co.	1st mtge	80.0	May 12
Cleveland Electric Illuminating Co.	Pfd stk	40.0	May 12
*Idaho Power Co.	Pfd stk	25.0	May 18
Youngstown Sheet & Tube Co.	1st mtge	50.0	May 18
Public Service Co. of Indiana	Com stk	80.0	May 18
Illinois Bell Tel. Co.	Debt	200.0	May 18
Interstate Power Co.	Com stk	18.0	May 19
Columbia Gas System	Debt	75.0	May 19
*Columbia & Southern Ohio Electric	Com stk	46.0	May 19
Wisconsin Pwr. & Light Co.	1st mtge	35.0	May 19
*Wisconsin Power & Light Co.	Com stk	26.0	May 20
General Telephone & Electronics	Pfd stk	110.0	May 20
*Natural Fuel Gas Co.	Pfd stk	25.0	May 20
*Continental Oil Co.	Com stk	300.0	May 24
*Continental Oil Co.	Debt	200.0	May 24
Union Electric	1st mtge	70.0	May 25
*Long Island Lighting	1st mtge	60.0	May 25
*Kansas City Power & Light	Com stk	20.0	May 25
Indianapolis Pwr. & Light	1st mtge	25.0	May 26
Kentucky Utilities	1st mtge	30.0	May 26
Northern States Power Co.	Com stk	65.0	May 27
SCM Corp.	SF debt	50.0	May

**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 April 30, 1976

ISSUER	TYPE	AMOUNT (IN MILLIONS OF DOLLARS)	APPROXIMATE DATE OF OFFERING
<b>CORPORATE</b>			
*Tampa Electric Co.	Pfd stk	15.0	May
*Hanes Corp.	Com stk	18.5	May
*Olinkraft Inc.	Com stk	30.0	May
*Eaton Corp.	Debt	60.0	May
*Eaton Credit Corp.	Notes	40.0	May
DuPont Co.	Notes	100.0	May
DuPont Co.	Debt	300.0	May
*Seafirst Corp.	SF debt	50.0	May
Browning Ferris Industries	Notes	40.0	May
Champion Internat'l. Corp.	Com stk	75.0	May
Parker-Hannifin Corp.	Com stk	15.0	May
New York States Electric Co.	Pfd stk	30.0	INDEF
New York States Electric & Gas	Com stk	40.0	INDEF
Shell Oil Co.	Com stk	162.0	INDEF
Adventist Properties Mtge. Trust	Bene int	15.0	INDEF
Applied Digital Data System	Com stk	15.0	INDEF
Reliance Group Inc.	Pfd stk	50.0	INDEF
Abbott Laboratories	Com stk	81.0	INDEF
D. H. Baldwin	Notes	15.0	INDEF
<u>Other</u>			
New Brunswick Pwr. Comm.	Debt	100.0	May 4
Brazil	Debt	50.0	May 12
*Inter-American Dev. Bank	Debt	100.0	May 13
*Canberra, Australia	Debt	50.0	May
*Canberra, Australia	Notes	75.0	May
*Canberra, Australia	Notes	75.0	May
<u>Postponed</u>			
Philadelphia Electric Co.	Pfd stk	50.0	Apr. 22
Chromalloy American Corp.	Com stk	25.0	Apr.

Table 6B

# **FORTHCOMING INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS**

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

As of April 30, 1976

ISSUER	TYPE	AMOUNT (IN MILLIONS OF DOLLARS)	APPROXIMATE DATE OF OFFERING
<b>STATE &amp; LOCAL</b>			
Pima Co., Ariz.	G.O.	14.9	May 3
Lower Colorado River Auth., Texas	Rev	60.0	May 3
Honolulu, Hawaii	G.O.	35.0	May 4
Illinois Educ. Facilities Auth.	Rev	10.0	May 4
Dallas, Texas	G.O.	22.0	May 5
Irvine Ranch Water Dist., Cal.	G.O.	10.4	May 5
Tallahassee, Fla.	Rev	24.0	May 5
*Gulf Coast Waste Disposal Auth., Tex.	Rev	15.0	May 6
*Vermont, State of	G.O.	14.0	May 6
Sacramento Mun. Utility Dist., Cal.	G.O.	25.0	May 6
*New York, State of	G.O.	59.0	May 10
*Minnetonka, Minn.	G.O.	12.0	May 10
Baltimore, Md.	G.O.	34.3	May 11
*New Castle Co., Del.	G.O.	17.7	May 11
Georgia, State of	G.O.	31.9	May 11
Florida State Board of Education	G.O.	100.0	May 11
*Chicago Pub. Bldg. Comm., Ill.	Rev	24.0	May 11
*Chesapeake, Va.	G.O.	12.5	May 11
Milwaukee, Wisc.	G.O.	12.2	May 11
S. California Metro. Water Dist.	Rev	50.0	May 11
*Puerto Rico Telephone Auth.	Rev	50.0	May 11
*St. Clair Co., Mich.	Rev	28.5	May 12
*New Hampshire, State of	G.O.	49.0	May 12
Illinois, State of	G.O.	150.0	May 12
Brazos River Auth., Texas	Rev	10.0	May 17
Ohio, State of	G.O.	100.0	May 18
Mississippi, State of	G.O.	40.0	May 18
Glendale, Calif.	Rev	10.0	May 18
Columbus Sch. Dist., Ohio	G.O.	34.0	May 18
*Springfield City Sch. Dist., Ohio	G.O.	12.1	May 18
Louisiana, State of	G.O.	73.0	May 18
*Indianapolis, Ind.	Rev	15.0	May 19
San Antonio, Texas	G.O.	20.0	May 20
*Farmington, N. Mexico	Rev	25.0	May 25
*Pittsburgh Sch. Dist., Pa.	G.O.	22.2	May 25
*Tennessee State Sch. Bond Auth.	Rev	66.0	May 25
Elizabeth, N.J.	G.O.	13.0	May 25

**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 6B Continued

**FORTHCOMING INTERMEDIATE AND LONG-TERM  
PUBLIC SECURITY OFFERINGS  
OTHER THAN U.S. TREASURY <sup>1</sup>**

As of April 30, 1976

ISSUER	TYPE	AMOUNT (IN MILLIONS OF DOLLARS)	APPROXIMATE DATE OF OFFERING
<b>STATE &amp; LOCAL</b>			
*North Carolina, State of	G.O.	75.0	May 26
Los Angeles Dept. Water & Power	Rev	20.0	May 26
Cal.	Rev	20.0	May 27
*Neuces River Auth., Texas			
 <u>Postponement</u>			
Washington, State of	G.O.	59.8	April 27
St. Clair Co., Mich.	Rev	28.5	April 28

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
1973 - High	65.48 (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 (12/13)	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	55.15 (3/24)	1,011.02 (4/21)	105.30 (3/11)	92.09 (2/25)	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)
1976							
Feb. 6	52.97	954.90	97.16	87.25	31.5	3.7	8.7
13	53.27	958.36	99.54	88.96	27.6	3.5	7.2
20	54.61	987.80	103.91	91.02	34.8	6.4	9.2
27	53.35	972.61	103.37	90.25	32.4	5.7	8.9
Mar. 5	53.05	972.92	103.65	89.47	24.1	4.0	7.2
12	53.91	987.64	104.48	90.99	27.2	4.0	7.6
19	53.76	979.69	103.37	89.54	21.4	3.3	7.0
26	54.87	1,003.46	104.73	90.89	23.1	3.1	7.0
Apr. 2	54.54	991.58	104.09	90.63	17.8	2.6	6.3
9	53.41	968.28	102.08	88.89	21.2	2.8	7.2
16	53.55	980.48	101.90	89.17	16.4	2.1	5.8
23	54.48	1,000.71	103.09	90.60	21.7	2.5	7.0r
30	54.11	996.85	102.57	90.08	16.7	2.0	6.0

## 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>	
OUTSTANDING				
1975 - Jan.	3,950	134	848	1,919
Feb.	4,130	136	830	1,897
Mar.	4,180	134	844	1,882
Apr.	4,360	138	824	1,885
May	4,700	140	819	1,883
June	4,990	146	844	2,434
July	5,300	143	820	2,387
Aug.	5,220	142	832	2,457
Sept.	5,250	145	852	2,520
Oct.	5,300	144	1,007	2,311
Nov.	5,370	146	1,008	2,270
Dec.	5,390	147	960	2,281
1976 - Jan.	5,420	146	1,000	2,321
Feb.	5,950	n. a.	1,037	2,333
Mar.	6,410			
CHANGE IN OUTSTANDING				
1975 - Jan.	110	-3	-8	-145
Feb.	180	2	-18	-22
Mar.	50	-2	14	-15
Apr.	180	4	-20	-3
May	340	2	-5	-2
June	290	6	25	551
July	310	-3	-24	-47
Aug.	-80	-1	12	70
Sept.	30	3	20	63
Oct.	50	-1	155	-209
Nov.	70	2	1	-41
Dec.	20	1	-48	11
1976 - Jan.	30	-1	40	40
Feb.	530	n. a.	37	12
Mar.	460			

**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.

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	ANNUAL GROWTH RATE <sup>3</sup>		NET FLOW	ANNUAL GROWTH RATE <sup>3</sup>	
1971	9,621	13.5	5,378	27,793	19.0	20,653	37,414	17.2	26,331
1972	10,067	12.4	5,451	32,567	18.7	23,884	42,634	16.7	29,335
1973	4,815	5.3	-442	20,237	9.8	10,507	25,052	8.4	10,062
1974	2,909	3.0	-2,822	16,053	7.0	4,668	18,962	5.8	1,846
1975	11,070	11.3	4,757	43,118	17.7	29,276	54,188	15.9	34,033
1974 - September	319	--	-689	1,425	--	-1,068	1,744	--	-1,757
October	-74	--	-260	438	--	312	364	--	52
November	449	--	236	1,226	--	1,091	1,675	--	1,327
December	1,053	--	-37	3,393	--	571	4,446	--	534
1975 - September	785	--	-338	3,698	--	631	4,483	--	293
October	348	--	131	2,264	--	2,086	2,612	--	2,217
November	765	--	549	2,246	--	2,072	3,011	--	2,621
December	1,394	--	114	4,332	--	968	5,726	--	1,082
1976 - January p/ February 2/	1,037 1,017	-- --	810 787	5,376 3,834	-- SEASONALLY ADJUSTED	5,108 3,710	6,413 4,951	-- --	5,918 4,497
1975 - January	405	4.9	--	2,351	11.5	--	2,756	9.6	--
February	713	8.7	--	3,005	14.6	--	3,718	12.9	--
March	1,149	13.8	--	3,864	18.6	--	5,013	17.2	--
April	955	11.4	--	3,712	17.6	--	4,667	15.8	--
May	1,295	15.3	--	4,237	19.8	--	5,532	18.5	--

**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 96 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.

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	ANNUAL GROWTH RATE <sup>3</sup>		NET FLOW	ANNUAL GROWTH RATE <sup>3</sup>	
1975 - June	1,369	16.0	--	4,395	20.2	--	5,764	19.0	--
July	1,190	13.7	--	4,774	21.5	--	5,964	19.3	--
August	1,044	11.9	--	3,933	17.4	--	4,977	15.9	--
September	802	9.0	--	3,682	16.1	--	4,484	14.1	--
October	731	8.2	--	3,334	14.4	--	4,065	12.6	--
November	772	8.6	--	3,125	13.3	--	3,897	12.0	--
December	633	7.0	--	2,926	12.3	--	3,559	10.8	--
1976 - January	1,039	11.4	--	4,232	17.7	--	5,271	15.9	--
February p/	797	8.7	--	3,652	15.0	--	4,449	13.3	--

**NOTES:**

<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 98 per cent of industry total resources.

<sup>3</sup> 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.

Table 10

# 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 - 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.	14.6	12.5	2.1	-.03	.08	-.11
Feb.	14.5	12.6	1.9	-.01	.14	-.24
Mar.	15.0	13.0	2.0	.50	.39	.11
Apr.	16.2	14.2	2.0	1.18	1.17	.01
May	16.8	14.7	2.1	.55	.49	.06
June	17.0	14.9	2.1	.25	.21	.04
July	17.9	15.9	2.1	.92	.94	-.02
Aug.	19.1	16.9	2.2	1.21	1.10	.11
Sept.	20.0	17.9	2.1	.90	.96	-.06
Oct.	20.1	18.0	2.1	.01	.07	-.06
Nov.	20.4	18.4	2.0	.35	.42	-.07
Dec.	20.4	18.5	2.0	.04	.08	.04
1976 - Jan.	20.5	18.5	2.0	.06	.02	.04
Feb.	21.1	19.2	1.9	.66	.72	-.06

**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 <u>1/</u>
		TOTAL	FHLB	FHLMC	FNMA	
1973 - July	+1,475	+1,528	+998	--	+530	-53
Aug.	+1,693	+1,349	+1,349	--	--	+344
Sept.	+1,910	+1,850	+1,500	--	+350	+60
Oct.	+1,946	+1,950	+1,300	--	+650	-4
Nov.	+11	-150	--	-150	--	+161
Dec.	+598	+256	--	--	+256	+342
1974 - Jan.	-671	-756	-800	--	+44	+85
Feb.	-695	-657	-657	--	--	-38
Mar.	+424	+450	--	--	+450	-26
Apr.	+508	-4	-4	--	--	+512
May	+1,442	+992	+992	--	--	+450
June	+2,699	+2,250	+1,500	--	+750	+449
July	+1,804	+1,499	+1,000	--	+499	+305
Aug.	+878	+200	+400	-200	--	+678
Sept.	+2,768	+2,750	+1,700	--	+1,050	+18
Oct.	+1,665	+1,599	+1,499	--	+100	+66
Nov.	-89	+93	-217	--	+310	-182
Dec.	+507	+961	+470	--	+491	-454
1975 - Jan.	-242	-5	-4	--	-1	-237
Feb.	-659	-254	-554	+300	0	-405
Mar.	+440	+689	-11	0	+700	-249
Apr.	0	+69	-30	-1	+100	-69
May	-1,568	-1,279	-1,279	0	0	-289
June	+330	+600	0	0	+600	-270
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. p	669	600	0	0	600	69
1976 - Jan. p	-154	0	0	0	0	-154

**Notes:**

Based on data from the Treasury Survey of Ownership.

1/ Sales of FHLB discount notes began in May 1974.p/ Preliminary.

Table 12

# 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	
<u>Not Seasonally Adjusted</u>							
1971	41,647	39,259	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	42,748	36,526	11,700	2,172	17,560	5,078	6,222
1975	42,475	37,636	2,900	2,236	29,400	3,100	4,839
1975 - Oct.	4,781	4,132	700	226	2,996	210	649
Nov.	3,284	2,918	200	200	2,323	195	366
Dec.	4,413	3,754	200	272	2,774	508	658
1976 - Jan.	1,912	1,502	0	87	1,378	37	410
Feb.	3,040	2,776	200	106	2,322	148	264
Mar.							
Apr.							
May							
June							
<u>Seasonally Adjusted</u>							
1975 - Oct.	5,152	4,641	722	273	3,490	156	511
Nov.	3,829	3,474	311	214	2,949	133	355
Dec.	4,793	4,058	481	200	3,360	17	735
1976 - Jan.	3,382	2,896	378	184	2,189	145	486
Feb.	4,254	3,839	562	249	2,754	274	415
Mar.							
Apr.							
May							
June							

## 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<sup>4</sup>

QUARTER	TOTAL	RESIDENTIAL			COMMERCIAL	MULTIFAMILY & COMMERCIAL	FARM
		TOTAL	1- to 4- FAMILY	MULTI- FAMILY			
1969 - I	31.7	23.3	18.9	4.4	6.2	10.6	2.2
II	28.9	21.3	16.7	4.7	5.3	10.0	2.2
III	25.7	18.7	14.0	4.7	5.3	10.0	1.8
IV	25.4	18.0	12.2	5.7	6.0	11.7	1.4
1970 - I	20.7	15.7	11.1	4.6	3.5	8.1	1.5
II	22.7	16.7	11.5	5.2	4.5	9.7	1.5
III	28.4	21.2	14.9	6.3	5.1	11.4	2.1
IV	32.5	23.4	17.1	6.3	7.0	13.2	2.2
1971 - I	37.2	27.4	18.7	8.7	7.6	16.3	2.2
II	46.7	34.9	25.6	9.4	9.4	18.7	2.4
III	52.1	38.1	28.4	9.7	11.6	21.4	2.3
IV	56.3	43.1	33.6	9.5	10.8	20.4	2.4
1972 - I	62.8	47.7	38.0	9.7	12.4	22.1	2.6
II	61.7	45.5	35.8	9.7	13.7	23.3	2.6
III	63.9	46.2	37.4	8.8	15.1	23.9	2.7
IV	72.1	51.5	42.6	8.9	18.2	27.1	2.4
1973 - I	83.4	59.7	51.1	8.7	19.7	28.3	4.1
II	72.4	50.4	39.6	10.8	18.0	28.8	3.9
III	70.6	48.9	40.1	8.8	18.1	26.9	3.7
IV	61.4	39.5	32.6	6.9	18.0	24.9	3.9
1974 - I	60.2	37.7	29.4	8.3	18.9	27.2	3.6
II	62.3	38.9	32.4	6.5	18.6	25.0	4.8
III	52.0	31.8	26.1	5.7	14.3	20.0	5.9
IV	43.0	25.9	21.6	4.3	11.3	15.6	5.7
1975 - I	35.4	21.1	19.4	1.7	9.1	10.8	5.1
II	45.7	31.7	30.9	0.9	9.7	10.6	4.3
III r	56.3	40.6	37.9	2.7	11.4	14.0	4.4
IV r	68.1	51.8	49.0	2.8	11.4	14.1	4.9

**NOTES:**

- <sup>1</sup> 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.
- <sup>2</sup> May differ somewhat from related flow of funds series mainly because of more aggregative type of seasonal adjustment.
- <sup>3</sup> Residential mortgage debt includes nonfarm only and is sum of 1-to 4- family and multifamily mortgage debt.
- <sup>4</sup> Data revised April 12 due to reestimation of seasonal factors.

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	1,467	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	924	668	257	1,161	893	269	1,296	866	430	216
1975 - Jan.	689	508	182	1,005	748	257	1,547	959	588	185
Feb.	701	515	186	953	722	231	1,350	793	557	219
Mar.	677	503	173	986	763	223	1,314	757	557	199
Apr.	837	603	234	982	774	208	1,244	782	462	194
May	912	658	254	1,085	853	232	1,269	827	442	224
June	949	679	270	1,080	874	206	1,202	808	394	210
July	1,042	711	331	1,207	916	291	1,261	882	379	225
Aug.	995	732	263	1,264	979	285	1,267	880	387	235
Sept.	1,095	779	316	1,304	966	338	1,315	969	346	215
Oct.	1,079	769	310	1,431	1,093	338	1,115	738	377	229
Nov.	1,085	787	298	1,381	1,048	333	1,386	992	394	232
Dec.	1,028	766	262	1,283	962	321	1,329	993	336	228
1976 - Jan.	1,120	828	292	1,236	957	279	1,211	924	287	263
Feb.	1,134	850	284	1,562	1,297	265	1,270	933	337	287
Mar.	1,156	835	321	1,444	1,135	309				

## 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.

<sup>1</sup>Permit data for 1969 and 1970 based on 13,000 areas with permit systems

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)	RATE (IN PER CENT)	SPREAD (BASIS POINTS)	YIELD (IN PER CENT)	SPREAD (BASIS POINTS)	DISCOUNT (PERCENTAGE POINTS)		
1974 - High	9.80	45	9.80	50	10.38	44	6.3	1	10.46
Low	8.55	-70	8.60	-70	8.54	-25	2.3	-70	8.10
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
1975 - Oct.	9.25	3	9.30	8	9.53	31	4.0	-28	9.22
Nov.	9.20	n.a.	9.25	n.a.	9.41	n.a.	3.1	-21	n.a.
Dec.	9.15	n.a.	9.20	n.a.	9.32	n.a.	2.4	-17	n.a.
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

**NOTES:**

1 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	
1975 - High Low	643 (8/25) 25 (2/10)	366 (8/11) 18 (2/10)	9.95 (9/22) 8.78 (2/10)	100 (4/7) 10 (10/20)	51 (4/21) 9 (2/10)	10.02 (9/22) 8.96 (3/10)
1975 - Oct. 6 20	198.5 43.2	143.0 23.2	9.95 9.65	27.5 9.7	23.5 9.2	10.02 9.81
Nov. 3 17	69.8 293.1	41.7 180.6	9.32 9.33	19.6 68.6	15.2 34.6	9.54 9.40
Dec. 1 15 29	255.9 287.1 95.3	138.5 158.8 52.7	9.32 9.31 9.29	73.9 69.7 41.8	40.5 31.2 11.8	9.38 9.36 9.35
1976 - Jan. 12 26	58.4 103.9	31.5 57.7	9.13 9.07	42.7 33.4	32.1 24.7	9.28 9.22
Feb. 9 23	252.2 126.9	179.9 81.2	9.07 9.04	57.8 44.0	36.9 23.3	9.17 9.14
Mar. 8 22	299.9 146.3	171.9 121.6	9.06 9.03	75.4 46.2	45.0 33.7	9.15 9.13
Apr. 5 19	106.2 132.1	56.2 60.1	8.94 8.83	56.4 55.3	31.8 33.4	9.05 9.00

**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.