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# Capital Market Developments

FEDERAL RESERVE BANK  
of KANSAS CITY  
SEP 12 1977  
Research Library

**September 6, 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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## **TABLES**

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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 <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)
1977 - July 1	—	8.03	262	68	278
8	8.14	8.12	650	78	192
15	8.14	8.12	822	82	165
22	8.12	8.14	189	84	148
29	8.17	8.14	659	90	67
August 5	--	8.10	303	92	76
12	8.07	8.05	246	92	78
19	8.11	8.04	237	95	52
26	8.01r	8.03r	695	92	76
September 2	7.97p	8.02p	450	95	70

  

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)
1977 - July 1	5.18	5.56	1,519	92	259
8	5.20	5.63	202	75	230
15	5.20	5.64	734	86	191
22	5.22	5.62	658	88	145
29	5.22	5.62	1,265	82	269
August 5	5.25	5.63	433	89	229
12	5.30	5.63	542	83	202
19	5.30	5.63	775	91	204
26	5.27	5.58	992	95	161
September 2	5.27	5.54	1,188	91	182

**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

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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 (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	8.34 (5/20)	8.33 (5/6)	8.12 (3/11)	7.78 (5/13)	5.93 (2/4)
Low	7.90 (1/7)	7.95 (1/7)	7.88 (1/7)	7.26 (1/7)	5.54 (9/1)
1977 - Aug. 5	--	8.10	8.00	7.66	5.63
12	8.07	8.05	8.00	7.69	5.63
19	8.11	8.04	7.99	7.68	5.63
26	8.01r	8.03r	7.96r	7.58r	5.58
Sept. 2	7.97p	8.02p	7.92p	7.52p	5.54

## 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			STATE AND LOCAL		
	1977 <sup>3</sup>	1976 <sup>1</sup>	1975 <sup>1</sup>	1977 <sup>3</sup>	1976 <sup>2</sup>	1975 <sup>2</sup>
January	3,989	3,381	5,367	3,419	2,451	2,361
February	2,708	3,863	4,528	3,142	2,885	2,387
March	5,495	6,632	5,378	4,135	3,365	2,135
April	3,639	3,507	4,294	3,563	2,218	2,406
May	3,350e	4,186	5,798	4,304	3,575	2,900
June	4,400e	6,439	5,596	5,700e	3,115	3,064
July	2,400e	3,216	4,327	3,200e	2,734	3,580
August		3,357	2,405		2,821	2,783
September		4,817	2,836		2,814	2,159
October		4,431	4,705		3,524	2,323
November		3,047	4,076		3,336	2,381
December		6,480	4,307		2,342	2,052
Q1	12,192	13,876	15,273	10,696	8,701	6,883
Q2	11,389e	14,132	15,688	13,567e	8,908	8,370
Q3		11,390	9,568		8,369	8,522
Q4		13,958	13,088		9,202	6,756
1st Half	23,581e	28,008	30,961	24,263e	17,609	15,253
3 Qtrs.		39,398	40,529		25,978	23,775
Year		53,356	53,617		35,180	30,531

**NOTES:**

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

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
1976 - 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
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

**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>

August 1 through September 2, 1977

ISSUER	TYPE	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	COUPON RATE	OFFERING YIELD	MOODY'S/S&P'S RATINGS
<b>CORPORATE</b>						
Long Island Lighting Co.	Com. stk. (rts.)	102.0	--	--	--	--
Illinois Pwr. Co.	Pfd. stk.	50.0	--	8.00	7.80	Aa/AA
Southern Pacific Co.	Equip. tr.	15.2	1977-1992	--	6.30-7.75	Aa/AA
General Electric Credit Corp.	Sub. debt.	50.0	1997	8.25	8.33	A/A-
General Electric Credit Corp.	Notes	150.0	1988	7.63	7.68	Aa/A-
Farrell Lines Inc.	Govt. gtr.	37.0	2004	8.05	8.05	--/--
Farrell Lines Inc.	Govt. gtr.	13.9	1990	7.70	7.70	--/--
Farrell Lines Inc.	Govt. gtr.	9.8	1987	7.40	7.40	--/--
Michigan General Corp.	Debt.	25.0	1992	10.88	10.88	B/BB
Public Svc. Co. of New Hampshire	Com. stk.	25.8	--	--	--	--
Chemical New York Bank	Pfd. stk.	100.0	--	7.50	7.50	Aa/--
Missouri Pacific Railroad	Equip. tr.	15.6	1978-1992	7.50	6.25-7.75	Aa/AA
Chemical New York Corp.	Debt.	100.0	2002	8.25	8.30	Aaa/--
Northern Indiana Public Svc. Co.	1st mtg.	50.0	2007	8.13	8.18	Aa/AA
World Airways	Equip. tr.	65.0	1983	10.00	10.00	Ba/BB+
Dayton Power & Light Co.	Com. stk.	50.6	--	--	--	--
American Hospital Supply Corp.	Notes	100.0	2007	7.88	7.90	Aa/AA
Chesapeake & Ohio Railroad	Equip. tr.	15.0	1978-1992	7.63	6.50-7.75	Aa/AA
Westvaco Corp.	Notes	50.0	2007	8.13	8.19	A/A
Sierra Pacific Power Co.	1st mtg.	35.0	2007	8.63	8.50	Baa/A
American Commercial Lines Inc.	Gvt. gtr.	7.3	1982	7.10	7.10	--/--
American Commercial Lines Inc.	Gvt. gtr.	7.3	1992	7.80	7.80	--/--
American Commercial Lines Inc.	Gvt. gtr.	7.3	1987	7.65	7.65	--/--

**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

August 1 through September 2, 1977

ISSUER	TYPE	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	COUPON RATE	OFFERING YIELD	MOODY'S/S&P'S RATINGS
<b>CORPORATE</b>						
American Commercial Lines Inc.	Gvt. gtr.	14.6	2002	8.00	8.00	--/--
Manufacturers Hanover Corp.	Com. stk.	102.8	--	--	--	--
Manufacturers Hanover Corp.	Debt.	150.0	2007	8.13	8.18	Aaa/AAA
Ashland Oil Inc.	SF debt.	100.0	2002	8.20	8.20	A/A
Niagara Mohawk Power Corp.	1st mtg.	75.0	2007	8.35	8.37	A/A-
U.S. Home Corp.	Notes	50.0	1987	10.00	10.00	--/BB
Buttes Gas & Oil Co.	Debt.	70.0	1997	10.25	10.25	B/B
City Investing Co.	Notes	100.0	1997	9.13	9.13	--/BB
Iowa Public Service Co.	1st mtg.	25.0	2007	8.00	8.15	Aa/AA
Duke Power Co.	1st mtg.	125.0	2007	8.13	8.20	A/A
Arizona Public Service Co.	Pfd. stk.	50.0	--	8.32	8.32	A/A+
Chrysler Financial Corp.	Notes	50.0	1983	8.88	8.95	Baa/BBB
Chrysler Financial Corp.	Sub. notes	75.0	1987	9.38	9.40	Baa/BB
Piedmont Natural Gas Co.	SF debt.	30.0	1977	8.63	8.70	Baa/BBB+
Central Tele. of Virginia	1st mtg.	45.0	2007	8.20	8.20	A/A+
Digital Equipment Corp.	Conv. debt.	250.0	2002	4.50	4.50	A/BBB
<b>OTHER</b>						
New Brunswick Elec. & Pwr. Comm.	Debt.	75.0	2007	8.75	8.85	A-/A+
Newfoundland, Province of	Debt.	75.0	2002	9.13	9.13	Baa-1/A



Table 5B

# INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

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

August 1 through September 2, 1977

ISSUER	TYPE	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	NET INTEREST COST	OFFERING YIELD	MOODY'S/S&P'S RATINGS
<b>STATE AND LOCAL</b>						
La Cygne, Kansas	Rev.	21.9	2007	5.94	5.91	Aa/AA-
Massachusetts Bay Trans. Auth.	Rev.	75.0	1978-2017	5.93	3.40-6.15	A-1/AA
Walker Co. Hosp. Dist., Texas	Rev.	4.8	1981-1997	6.97	4.60-6.40	Baa/BBB+
Walker Co. Hosp. Dist., Texas	Rev.	7.4	2008	6.97	7.00	Baa/BBB+
Iowa Hsg. Finance Auth.	Rev.	25.6	1979-1994	--	3.40-5.30	A-1/AA
Iowa Hsg. Finance Auth.	Rev.	17.0	2008	--	5.89	A-1/AA
Portland Hosp. Fac. Auth., Ore.	Rev.	10.7	1980-1994	5.97	4.00-5.80	--/A+
Portland Hosp. Fac. Auth., Ore.	Rev.	20.6	2007	5.97	6.25	--/A+
Portland Hosp. Fac. Auth., Ore.	Rev.	5.0	2009	5.97	5.00	--/A+
Erie School Dist., Pa.	G.O.	11.3	1979-1991	5.89	3.75-5.80	--/A
Erie School Dist., Pa.	G.O.	8.6	1997	5.89	6.00	--/A
Oklahoma, State of	G.O.	75.8	1978-1996	4.40	2.75-4.63	Aaa/--
Maine State Hsg. Auth.	Rev.	4.0	1980-1997	6.22	4.00-5.75	A-1/AA
Maine State Hsg. Auth.	Rev.	6.7	2010	6.22	6.20	A-1/AA
Maine State Hsg. Auth.	Rev.	8.6	2020	6.22	6.25	A-1/AA
Hawaii, State of	G.O.	75.0	1980-1997	4.97	3.70-5.60	Aa/AA
Puerto Rico Highway Auth.	Rev.	15.0	1979-1992	7.00	4.00-6.50	Baa-1/A
Puerto Rico Highway Auth.	Rev.	60.0	2007	7.00	7.00	Baa-1/A
California, State of	G.O.	30.0	1978-1997	4.59	2.80-5.00	Aaa/AAA
Tennessee Hsg. Dev. Agy.	Rev.	24.0	1979-1996	5.90	3.50-5.70	A-1/A+
Tennessee Hsg. Dev. Agy.	Rev.	13.5	2005	5.90	6.10	A-1/A+
Tennessee Hsg. Dev. Agy.	Rev.	12.0	2016	5.90	6.13	A-1/A+
Blount Co., Tenn.	G.O.	11.5	1978-1996	5.02	3.20-5.60	A/A+
Oklahoma City, Okla.	G.O.	26.3	1980-1997	4.56	3.50-5.25	Aa/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

August 1 through September 2, 1977

ISSUER	TYPE	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	NET INTEREST COST	OFFERING YIELD	MOODY'S/S&P'S RATINGS
<b>STATE AND LOCAL</b>						
Grand Island, Neb.	Rev.	15.2	1982-1997	6.05	4.30-5.75	A/A+
Grand Island, Neb.	Rev.	34.8	2012	6.05	6.10	A/A+
Illinois Health Fac. Auth.	Rev.	5.7	1979-1995	6.58	3.75-6.40	A/--
Illinois Health Fac. Auth.	Rev.	5.1	2004	6.58	6.60	A/--
Illinois Health Fac. Auth.	Rev.	5.0	2007	6.58	6.60	A/--
New York State Hsg. Finance Agy.	Rev.	17.1	1978-1992	6.42	4.00-6.25	A/AA
New York State Hsg. Finance Agy.	Rev.	15.6	1999	6.42	6.40	A/AA
New York State Hsg. Finance Agy.	Rev.	28.8	2007	6.42	6.44	A/AA
Salt River Agric. Improv. & Power Dist., Ariz.	Rev.	68.6	1989-2003	5.90	4.75-5.75	Aa/A+
Salt River Agric. Improv. & Power Dist., Ariz.	Rev.	87.3	2015	5.90	5.95	Aa/A+
St. Petersburg, Fla.	Rev.	53.6	1983-1995	5.76	4.40-5.55	A-1/A
St. Petersburg, Fla.	Rev.	4.8	1978-1991	4.84	3.10-5.00	Aaa/AAA
Kentucky Housing Corp.	Rev.	21.5	1979-1997	--	3.40-5.40	Aa/AA
Kentucky Housing Corp.	Rev.	28.5	2010	--	5.73	Aa/AA
Petersburg, Ind.	Rev.	25.0	2007	5.85	5.80	Aa/AA-
Bexar Co. Hosp. Dist., Texas	Rev.	5.7	1982-1997	6.62	4.20-5.90	A/A
Bexar Co. Hosp. Dist., Texas	Rev.	7.5	2007	6.62	6.25	A/A
Medford Hosp. Fac. Auth., Oregon	Rev.	13.6	2007	--	6.25	Aa/A+
Mayfield Heights, Ohio	Rev.	4.2	1980-1993	6.51	4.25-6.25	A/A
Mayfield Heights, Ohio	Rev.	10.5	2007	6.51	6.50	A/A
Hopkins Co., Ky.	Rev.	9.7	1981-1992	--	4.70-6.40	Baa-1/A-
Hopkins Co., Ky.	Rev.	15.7	2002	--	6.75	Baa-1/A-
Chicago, Ill.	G.O.	62.5	1980-1992	5.02	3.75-5.25	Aa/AA
Sioux City, Iowa	Rev.	10.2	1980-1997	6.38	4.10-6.25	A/--
Sioux City, Iowa	Rev.	11.0	2006	6.38	6.43	A/--

Table 5B Continued

# INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

OTHER THAN U.S. TREASURY

August 1 through September 2, 1977

ISSUER	TYPE	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	NET INTEREST COST	OFFERING YIELD	MOODY'S/S&P'S RATINGS
<b>STATE AND LOCAL</b>						
Houston Co. Hosp. Bd., Ala.	Rev.	9.6	1982-1992	6.31	4.50-6.00	A-1/A+
Houston Co. Hosp. Bd., Ala.	Rev.	7.1	1997	6.31	6.20	A-1/A+
Houston Co. Hosp. Bd., Ala.	Rev.	9.7	2002	6.31	6.38	A-1/A+
Poughkeepsie, N.Y.	G.O.	13.2	1978-2006	5.58	3.25-5.75	A/AAA
La Cygne, Kansas	Rev.	21.9	2007	5.94	5.91	Aa/AA-
New York State Hsg. Finance Agy.	Rev.	2.4	1978-1988	6.41	3.50-6.00	A/AA
New York State Hsg. Finance Agy.	Rev.	0.7	1990	6.41	6.00	A/AA
New York State Hsg. Finance Agy.	Rev.	3.2	1997	6.41	6.25	A/AA
New York State Hsg. Finance Agy.	Rev.	1.9	2000	6.41	6.37	A/AA
New York State Hsg. Finance Agy.	Rev.	6.0	2007	6.41	6.44	A/AA
Palm Beach Co. Hlth. Fac. Auth., Fla.	Rev.	2.7	1981-1990	--	6.50-7.50	--/--
Palm Beach Co. Hlth. Fac. Auth., Fla.	Rev.	3.9	1997	--	8.15	--/--
Palm Beach Co. Hlth. Fac. Auth., Fla.	Rev.	8.4	2005	--	8.50	--/--
Calcasieu Par. Indust. Dev. Bd., La.	Rev.	10.0	2007	--	5.80	--/--
Aurora Jt. Sch. Dist., #28, Colo.	G.O.	17.0	1979-1996	--	3.60-5.45	A-1/--
Allegheny Co. Hosp. Dev. Auth., Pa.	Rev.	7.7	1981-1994	6.78	4.75-6.40	--/A-
Allegheny Co. Hosp. Dev. Auth., Pa.	Rev.	23.0	2010	6.78	6.75	--/A-
Valdez, Alaska	Rev.	315.0	2007	6.10	6.05	A/AA
Municipal Assistance Corp., N.Y.C.	Rev.	200.0	1992	7.67	7.50	Baa/A
Kansas City, Kansas	Rev.	8.2	1982-1997	5.45	4.00-5.30	Aa/AA
Kansas City, Kansas	Rev.	12.7	2007	5.45	5.57	Aa/AA
Calcasieu Par. Indust. Dev. Bd., La.	Rev.	23.0	2007	5.95	5.95	A/--
Platte River Pwr. Auth., Colo.	Rev.	20.6	1982-1996	5.84	4.25-5.60	A/A+
Platte River Pwr. Auth., Colo.	Rev.	14.0	2002	5.84	5.80	A/A+
Platte River Pwr. Auth., Colo.	Rev.	32.4	2011	5.84	5.93	A/A+
Michigan State Hsg. Dev. Auth.	Rev.	19.8	1979-2002	--	3.75-6.25	A-1/A+
Michigan State Hsg. Dev. Auth.	Rev.	45.2	2020	--	6.50	A-1/A+

Table 5B Continued

# INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

## OTHER THAN U.S. TREASURY

August 1 through September 2, 1977

ISSUER	TYPE	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	NET INTEREST COST	OFFERING YIELD	MOODY'S/S&P'S RATINGS
<b>STATE AND LOCAL</b>						
Texas, State of	G.O.	25.0	1986-1991	4.45	4.10-4.55	Aaa/AAA
Valdez, Alaska	Rev.	20.0	2007	5.66	5.63	Aa/--
South Carolina, State of	G.O.	63.9	1978-1994	4.44	2.90-4.80	Aaa/AAA
South Bay Irrigation Dist., Cal.	Rev.	22.5	1979-2002	5.68	3.50-5.90	Baa-1/AAA
San Diego Sch. Bldg. Corp., Cal.	Rev.	10.8	1980-1995	5.31	3.70-5.30	Aa/A+
San Diego Sch. Bldg. Corp., Cal.	Rev.	6.3	2000	5.31	5.57	Aa/A+
Holland Comm. Hosp. Auth., Mich.	Rev.	14.6	1980-2008	6.43	4.25-6.50	A/A-
Dallas-Fort Worth Reg. Airport., Tex.	Rev.	84.0	1981-1996	6.00	4.30-5.80	A/A
Dallas-Fort Worth Reg. Airport., Tex.	Rev.	190.0	2002	6.00	6.04	A/A
Philadelphia Hospitals Auth., Pa.	Rev.	6.2	1981-1991	6.30	5.00-6.60	--/A-
Philadelphia Hospitals Auth., Pa.	Rev.	3.7	1995	6.30	6.80	--/A-
Philadelphia Hospitals Auth., Pa.	Rev.	27.8	2010	6.30	7.00	--/A-
Ohio, State of	Rev.	50.0	1979-2003	5.15	3.25-5.50	Aa/AA
Wyoming Capital Bldg. Comm.	Rev.	27.6	1979-1998	--	4.10-5.00	Aaa/--
Washington Sub. Sanitary Dist., Md.	G.O.	242.0	1978-2007	5.50	3.25-5.65	Aa/AA
Jefferson Co. Cap. Projects Corp., Ky.	Rev.	23.0	1978-2002	5.30	3.20-5.60	Aa/--
Georgia, State of	G.O.	76.8	1978-1997	4.61	3.00-4.90	Aaa/AA
South Carolina Pub. Service Auth.	Rev.	14.8	1982-2002	5.76	4.00-5.60	A-1/AA
South Carolina Pub. Service Auth.	Rev.	100.2	2017	5.76	5.75	A-1/AA
Harristown Dev. Corp., Pa.	Rev.	30.3	1987-1999	6.30	5.30-6.10	A/A+
Harristown Dev. Corp., Pa.	Rev.	29.8	2007	6.30	6.20	A/A+
Harristown Dev. Corp., Pa.	Rev.	89.2	2016	6.30	6.30	A/A+
Allegheny Co., Pa.	G.O.	105.2	1978-2006	5.55	3.25-5.80	A-1/AA
Paterson, N.J.	G.O.	19.4	1978-1995	--	3.60-6.00	Baa-1/A
Jonesboro, Arkansas	Rev.	15.1	1983-1997	5.93	4.50-5.75	A/A
Jonesboro, Arkansas	Rev.	19.9	2007	5.93	6.03	A/A

Table 6A

# FORTHCOMING INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

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

As of September 2, 1977

ISSUER	TYPE	AMOUNT (IN MILLIONS OF DOLLARS)	APPROXIMATE DATE OF OFFERING
<b>CORPORATE</b>			
*American Export Lines Inc.	Gvt. gr.	43.1	Sept. 7
Duke Power Co.	Pfd. stk.	50.0	Sept. 7
Public Service Elec. & Gas Co.	Pfd. stk.	30.0	Sept. 8
Public Service Elec. & Gas Co.	1st mtg.	60.0	Sept. 8
Alabama Power Co.	Pfd. stk.	50.0	Sept. 13
Florida Power & Light Co.	1st mtg.	20.0	Sept. 13
Missouri Pacific Railroad	Equip. tr.	15.0	Sept. 13
Western Airlines Inc.	Pfd. stk.	30.0	Sept. 14
Data General Corp.	Debt.	60.0	Sept. 14
Minnesota Power & Light Co.	1st mtg.	45.0	Sept. 15
Utah Power & Light Co.	Pfd. stk.	30.0	Sept. 15
Utah Power & Light Co.	1st mtg.	50.0	Sept. 15
First United Bancorporation	Notes	25.0	Sept. 15
Baltimore Gas & Elec. Co.	1st mtg.	75.0	Sept. 19
Union Pacific Railroad	Equip. tr.	24.0	Sept. 20
Iowa Power & Light Co.	1st mtg.	30.0	Sept. 20
Iowa Power & Light Co.	Com. stk.	22.0	Sept. 21
Rochester Gas & Elec. Co.	Com. stk.	20.0	Sept. 21
Rochester Gas & Elec. Co.	1st mtg.	50.0	Sept. 22
Central Ill. Light Co.	Pfd. stk.	15.0	Sept. 27
Mississippi Power Co.	1st mtg.	20.0	Sept. 27
Metropolitan Edison Co.	1st mtg.	35.0	Sept. 27
Columbus & Southern Ohio Elec. Co.	Com. stk.	53.5	Sept. 28
Central Power & Light Co.	1st mtg.	75.0	Sept. 28
Houston Lighting & Power Co.	1st mtg.	125.0	Sept. 29
Kansas Gas & Elec. Co.	1st mtg.	25.0	Sept.
Consumer Power Co.	1st mtg.	100.0	Sept.
Oklahoma Gas & Elec. Co.	1st mtg.	35.0	Sept.
Public Service Co. of Indiana	1st mtg.	85.0	Sept.
Loral Corp.	SF debt.	20.0	Sept.
Western Co. of North America	Sub. debt.	32.5	Sept.
Atchison, Topeka & Santa Fe Railway	Equip. tr.	36.0	Sept.
Atchison, Topeka & Santa Fe Railway	Equip. tr.	24.0	Sept.
Gulf States Utilities Co.	Conv. debt.	50.0	Sept.
Pennsylvania Life Co.	Debt.	30.0	Sept.
*Norin Corp.	Pfd. stk.	15.0	Sept.
*Toledo Edison Co.	Pfd. stk.	30.0	Indef.
*Union Elec. Co.	Pfd. stk.	40.0	Indef.
International Tel. & Tele. Corp.	Med-term notes	50.0	Indef.

**NOTES:**

\* Included in table for first time.

<sup>1</sup> 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 September 2, 1977

ISSUER	TYPE	AMOUNT (IN MILLIONS OF DOLLARS)	APPROXIMATE DATE OF OFFERING
<b>CORPORATE</b>			
<u>OTHER</u>			
Ontario, Province of	Debt.	200.0	Sept.
*New Zealand	Notes	75.0	Sept.
*European Investment Bank	Bonds	100.0	Sept.
*European Investment Bank	Notes	75.0	Sept.

Table 6B

# FORTHCOMING INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

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

As of September 2, 1977

ISSUER	TYPE	AMOUNT (IN MILLIONS OF DOLLARS)	APPROXIMATE DATE OF OFFERING
<b>STATE &amp; LOCAL</b>			
Nashville & Davidson Co. Metro. Gvt., Tenn.	G.O.	24.0	Sept. 6
Granite School Dist., Utah	G.O.	18.5	Sept. 6
Trenton, Mich.	Rev.	12.0	Sept. 6
Kansas, State of	Rev.	40.0	Sept. 7
Greenville Co., S.C.	G.O.	21.0	Sept. 8
*Washington Public Power Supply System	Rev.	130.0	Sept. 13
*Manatee Co., Fla.	Rev.	17.5	Sept. 13
Henrico Co., Va.	G.O.	28.0	Sept. 13
Lake Co. Forest Preserve Dist., Ill.	G.O.	18.0	Sept. 13
Oak Brook, Ill.	G.O.	10.3	Sept. 13
Oregon, State of	G.O.	30.0	Sept. 13
*Jacksonville, Fla.	Rev.	55.5	Sept. 13
Maine Municipal Bond Bank	Rev.	42.5	Sept. 14
*Little Blue Val. Sewer Dist., Mo.	Rev.	55.8	Sept. 14
St. Clair Co., Mich.	Rev.	19.2	Sept. 15
St. Clair Co., Mich.	Rev.	11.0	Sept. 15
*San Jose Redev. Agy., Calif.	G.O.	24.8	Sept. 20
Wisconsin, State of	G.O.	39.0	Sept. 20
*Middlesex Co. Sewerage Auth., N.J.	Rev.	70.0	Sept. 22
Jefferson Co., Ark.	Rev.	36.0	Sept. 22
Jackson Co., Miss.	Rev.	20.0	Sept. 27
Austin, Texas	G.O.	18.0	Sept. 29
Austin, Texas	Rev.	55.0	Sept. 29
Blair Co. Hospital Auth., Pa.	Rev.	35.4	Sept.
New Jersey Hsg. Finance Agy.	Rev.	125.0	Sept.
Cleveland, Ohio	Rev.	72.0	Sept.
Rochester, Minn.	Rev.	53.0	Sept.
Petoskey Hosp. Fin. Auth., Mich.	Rev.	26.2	Sept.

**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
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 (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	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)	124.21 (7/19)	103.10 (7/22)	31.9 (7/19)	4.2 (1/13)	10.5 (1/19)
Low	52.56 (5/31)	854.12 (8/25)	109.61 (1/12)	93.66 (4/5)	15.2 (5/9)	1.9 (5/23)	5.1 (5/27)
July 1	54.92	912.65	120.58	99.90	19.8	2.8	7.4
8	54.81	907.99	121.60	100.81	20.9	2.9	7.4
15	54.99	905.95	123.18	101.41	23.6	3.1	8.7
22	55.71	923.42	123.76	103.10	27.6	3.1	8.8
29	54.12	890.07	120.15	100.65	23.0	2.7	7.4
Aug. 5	54.04	888.69	120.53	100.86	19.2	2.1	6.1
12	53.61	871.10	120.27	100.76	18.5	2.1	6.7
19	53.38	863.48	118.68	100.85	19.6	2.3	7.4
26	52.60	855.42	117.51	99.89	18.8	2.1	7.0
Sept. 2	53.32	872.31	118.86	100.83	17.8	2.2	6.8

**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 - July	7,340	172	876	2,756
August	7,450	167	881	2,807
September	7,530	174	1,081	2,651
October	7,530	169	1,068	2,774
November	7,610	178	864	2,866
December	7,960	204	845	2,817
1977 - January	8,270	196	832	2,844
February	8,480	197	844	2,850
March	8,690	199	810	n.a.
April	8,880	196	809	2,878
May	9,070	196	801	2,886
June	9,230	198	823	2,992
July	9,460	204	n.a.	n.a.
<b>CHANGE IN OUTSTANDING</b>				
1976 - July	260	6	-4	-69
August	110	-5	5	-51
September	80	7	200	-156
October	--	-5	-13	123
November	80	9	-204	92
December	350	26	-19	-49
1977 - January	310	-8	-13	27
February	210	1	12	6
March	210	2	-34	n.a.
April	190	-3	-1	n.a.
May	190	--	-8	8
June	160	2	22	106
July	230	6	n.a.	n.a.

**NOTES:**

- 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

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>	
1972	10,067	12.4	5,451	32,567	18.6	23,884	42,634	16.6	29,335
1973	4,815	5.4	-442	20,237	9.9	10,507	25,052	8.5	10,062
1974	2,909	2.2	-2,822	16,006	7.0	4,668	18,915	5.5	1,846
1975	11,070	11.3	4,757	42,769	17.3	29,276	53,839	15.8	34,033
1976	11,546	11.6	5,275	50,287	17.7	34,369	61,833	16.0	39,644
1977-January	913	--	645	5,218	--	4,944	6,131	--	5,449
February	847	--	585	3,406	--	3,186	4,253	--	3,771
March	1,903	--	623	7,578	--	3,604	9,481	--	4,227
April	107	--	-168	2,124	--	1,924	2,231	--	1,756
May	856	--	577	3,647	--	3,419	4,503	--	3,996
June	1,368	--	38	6,384	--	2,048	7,752	--	2,086
July p/	747	--	400	4,171	--	3,918	4,918	--	4,318
<u>SEASONALLY ADJUSTED</u>									
1977-January	965	9.5	--	4,285	15.2	--	5,250	13.7	--
February	589	5.7	--	2,932	10.3	--	3,521	9.1	--
March	696	6.7	--	3,608	12.5	--	4,304	11.0	--
April	527	5.1	--	3,397	11.7	--	3,924	9.9	--
May	927	8.9	--	3,947	13.4	--	4,874	12.2	--
June	681	6.5	--	3,738	12.6	--	4,419	11.0	--
July p/	1,463	13.9	--	6,187	20.6	--	7,650	18.9	--

- 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 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.	14.8	12.7	2.1	-.03	.18	-.11
Feb.	14.6	12.7	1.9	-.01	.06	-.24
Mar.	15.2	13.2	2.0	.50	.41	.11
Apr.	16.1	14.1	2.0	1.18	.95	.01
May	16.7	14.6	2.1	.55	.53	.04
June	17.0	14.9	2.1	.25	.29	.04
July	17.9	15.8	2.1	.92	.84	-.03
Aug.	18.9	16.7	2.2	1.21	.98	.09
Sept.	19.7	17.6	2.1	.90	.86	-.09
Oct.	20.1	18.0	2.1	.01	.37	.02
Nov.	20.2	18.2	2.0	.35	.22	-.03
Dec.	20.6	18.6	2.0	.04	.35	-.02
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 (p)		28.4			.83	

**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
		TOTAL	FHLB	FHLMC	FNMA	
1974 - 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.	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 p/	538	200	0	0	200	338
July p/	191	600	0	0	600	-409

**NOTES:**

Based on data from Treasury Survey of Ownership.

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	41,406	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	62,845	64,965	13,500	4,074	44,977	2,414	-2,120
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.	6,241	5,961	1,200	384	4,239	138	280
Sept.	6,331	6,471	1,700	364	4,081	326	-140
Oct.	5,183	5,599	1,200	398	3,895	106	-416
Nov.	5,149	5,457	1,100	341	3,531	485	-308
Dec.	6,313	6,476	1,100	690	3,913	773	-163
1977 - Jan.	3,630	3,956	800	196	2,926	34	-326
Feb.	4,175	4,217	1,000	156	3,030	31	-42
Mar.	6,614	6,548	1,500	291	4,617	140r	66
Apr.	8,132	8,009	1,900	414	5,281	414	123
May	8,780	8,093	1,900	388	5,647	158	687
June	10,367	10,192	2,700	862	6,134	496	175
July			2,100		5,213		
<u>Seasonally Adjusted</u>							
1976 - June	4,924	5,346	982	358	3,831	175	-422
July	5,246	5,281	1,183	225	3,753	120	-35
Aug.	5,427	5,415	1,051	359	3,840	165	12
Sept.	6,173	6,517	1,514	438	4,234	331	-344
Oct.	5,332	5,967	1,185	444	4,270	68	-635
Nov.	5,949	6,288	1,242	366	4,268	412	-339
Dec.	6,289	6,539	1,173	573	4,425	368	-250
1977 - Jan.	5,417	5,684	1,255	337	3,980	112	-267
Feb.	5,410	5,275	1,327	307	3,567	74	135
Mar.	6,818	6,601	1,547	280	4,487	287	217
Apr.	7,557	7,263	1,761	401	4,648	453	294
May	8,235	7,180	1,665	366	4,882	267	1,055
June	9,154	8,747	2,381	702	5,156	508	407
July			2,086		4,730		

## 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 <sup>2</sup>	RESIDENTIAL <sup>3</sup>			COMMERCIAL	MULTIFAMILY & COMMERCIAL	FARM
		TOTAL	1- to 4- FAMILY	MULTI- FAMILY			
1970 - I	24.0	15.7	9.6	6.1	7.3	13.3	0.9
II	29.0	19.6	13.7	5.9	8.3	14.3	1.0
III	37.5	26.3	16.1	10.1	9.9	20.1	1.3
IV	39.5	29.0	19.4	9.6	9.0	18.7	1.4
1971 - I	41.6	33.2	23.5	9.7	5.9	15.6	2.5
II	49.2	40.0	29.5	10.4	9.0	19.4	0.3
III	56.0	42.0	32.9	9.0	11.5	20.5	2.5
IV	61.0	46.1	36.3	9.8	12.0	21.8	2.9
1972 - I	70.3	51.1	39.7	11.3	15.9	27.2	3.4
II	72.7	53.1	40.3	12.8	15.9	28.7	3.7
III	74.5	56.5	45.8	10.7	14.4	25.1	3.6
IV	90.5	66.1	49.8	16.3	20.9	37.2	3.4
1973 - I	86.8	60.3	52.2	8.1	21.0	29.1	5.5
II	83.6	57.4	44.5	13.0	20.6	33.5	5.6
III	79.2	55.2	43.1	12.1	19.0	31.1	5.0
IV	72.6	50.1	41.7	8.4	16.5	24.9	6.0
1974 - I	72.7	50.3	40.8	9.5	18.9	28.4	3.4
II	68.3	45.6	38.4	7.2	17.7	24.9	5.0
III	55.2	35.6	29.5	6.1	13.7	19.7	5.9
IV	47.6	29.5	24.8	4.7	11.6	16.3	6.4
1975 - I	40.0	27.4	26.7	0.6	7.7	8.3	5.0
II	53.3	38.6	38.6	0.0	9.7	9.7	5.0
III	61.5	45.2	46.1	-0.8	12.2	11.4	4.0
IV	70.7	52.6	52.4	0.2	14.2	14.5	3.8
1976 - I	83.7	68.9	67.7	1.2	8.7	14.8	6.1
II	75.0	59.5	57.8	1.6	10.4	15.5	5.2
III	91.3	71.3	69.9	1.4	12.3	20.0	7.7
IV	101.5	78.4	76.8	1.6	14.9	23.1	8.2
1977 - I (p)	108.3	85.4	81.1	4.3	16.8	22.9	6.1

**NOTES:**

- 1 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.
- 2 May differ somewhat from related flow of funds series mainly because of more aggregative type of seasonal adjustment.
- 3 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	1,281	895	386	1,538	1,162	376	1,362	1,026	336	250
1976 - July	1,229	866	363	1,413	1,129	284	1,307	1,038	269	221
Aug.	1,308	876	432	1,530	1,172	358	1,401	1,094	307	242
Sept.	1,481	914	567	1,768	1,254	514	1,387	1,017	370	248
Oct.	1,481	987	494	1,715	1,269	446	1,326	989	337	263
Nov.	1,583	1,055	528	1,706	1,236	470	1,399	1,068	331	247
Dec.	1,532	1,049	483	1,889	1,324	565	1,435	1,074	361	248
1977 - Jan.	1,333	930	403	1,384	1,006	378	1,416	1,103	313	258
Feb.	1,526	1,060	466	1,802	1,424	378	1,637	1,242	395	275
Mar.	1,687	1,188	499	2,089	1,503	586	1,707	1,236	471	275
Apr.	1,605	1,051	554	1,880	1,413	467	1,540	1,226	314	252
May	1,615	1,077	538	1,937	1,455	482	1,524	1,167	357	252
June	1,678	1,105	578	1,910	1,400	510	1,620	1,177	443	264
July	1,630	1,139	491	2,064	1,462	602				249p

**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)	RATE (IN PER CENT)	SPREAD (BASIS POINTS)	YIELD (IN PER CENT)	SPREAD (BASIS POINTS)	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 - 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	95	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.
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	n.a.	9.00	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
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

**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	
1976 - High	634 (5/17)	321 (5/17)	9.20 (6/1)	171 (9/7)	127 (11/15)	9.31 (6/1, 6/28)
Low	21 (12/27)	19 (12/27)	8.39(12/27)	33 (1/26)	23 (2/23)	8.90 (12/27)
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	702.3	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
16	585.4	285.5	8.74	415.9	278.0	9.08
31	534.3	319.7	8.79	365.3	218.6	9.13
June 13	188.1	78.1	8.77	210.5	157.5	9.13
27	90.8	49.7	8.73	160.6	105.5	9.11
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

**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.