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# Capital Market Developments

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FEDERAL RESERVE BANK  
OF RICHMOND

**December 15, 1975**

Prepared by the  
**CAPITAL MARKETS SECTION**  
in conjunction with the  
**MORTGAGE, AGRICULTURAL, 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

# 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)
1975 - Oct. 3	9.72	9.70	398	93	5
10	9.60	9.56	357	98	0
17	9.53	9.41	739	95	17
24	9.32	9.30	432	97	10
31	9.22	9.33	560	96	25
Nov. 7	9.10	9.24	280	94	48
14	9.11	9.24	700	96	172
21	9.40	9.30	587	67	268
28	--	9.25	100	85	135
Dec. 5	9.46	9.34	425	88	105
12	9.37p	9.27p	727	91	84

  

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)
1975 - Oct. 3	6.92	7.67	451	81	142
10	6.80	7.48	479	76	154
17	6.60	7.29	335	92	86
24	6.44	7.17	495	89	110
31	6.60	7.36	375	74	122
Nov. 7	6.74	7.52	471	78	194
14	6.62	7.43	372	89	122
21	6.59	7.39	752	78	214
28	6.59	7.39	657	92	163
Dec. 5	6.52	7.31	420	89	110
12	6.53	7.34	358	82	121

## 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 <sup>2</sup> Aaa UTILITY	MOODY'S SEASONED <sup>3</sup> CORPORATE Aaa	U.S. GOVT. 20-YEAR CONSTANT MATURITY <sup>4</sup>	BOND BUYER 20-BOND INDEX <sup>5</sup>
1971 - High	8.26 (7/30)	8.23 (1/1)	7.71 (8/21)	6.51 (6/18)	6/23 (6/23)
Low	7.02 (2/5)	7.17 (12/31)	7.06 (2/12)	5.69 (3/23)	4.97 (10/21)
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)
1975 - Nov. 7	9.10	9.24	8.76	8.19	7.52
14	9.11	9.24	8.75	8.22	7.43
21	9.40	9.30	8.81	8.34	7.39
28	--	9.25r	8.81	8.35r	7.39
Dec. 5	9.46	9.34	8.83	8.34	7.31
12	9.37p	9.27p	8.86p	8.38p	7.34

**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

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**LONG-TERM CORPORATE AND  
STATE AND LOCAL GOVERNMENT  
SECURITY OFFERINGS AND PLACEMENTS**  
IN MILLIONS OF DOLLARS

PERIOD	GROSS PROCEEDS					
	CORPORATE			STATE AND LOCAL		
	1975	1974	1973	1975	1974	1973
January	5,376	3,328	2,327	2,361	2,255	1,977
February	4,526	2,687	1,962	2,387	2,003	1,515
March	5,368	3,217	3,933	2,135	2,025	2,467
April	4,439	3,060	2,497	2,406	2,397	1,826
May	5,647	3,164	2,543	2,900	2,304	1,939
June	5,593	2,981	3,578	3,064	2,166	2,152
July	4,114	3,248	2,631	3,560 <sup>3/</sup>	1,459	2,028
August		2,667	1,806	2,799 <sup>3/</sup>	1,106	1,657
September		1,617	1,915	2,120 <sup>3/</sup>	1,701	1,750
October		4,609	3,398	2,253 <sup>3/</sup>	2,860	2,313
November		3,739	3,563		2,483	2,257
December		3,511	3,238		1,479	2,089
Q1	15,270	9,232	8,222	6,883	6,283	5,959
Q2	15,679	9,205	8,618	8,370	6,867	5,917
Q3		7,532	6,352	8,479	4,266	5,435
Q4		11,859	10,199		6,822	6,659
1st Half	30,949	18,437	16,840		13,150	11,876
3 Qtrs.		25,969	23,192		17,416	17,311
Year		37,828	33,391		24,238	23,970

**NOTES:**

- 1 Securities and Exchange Commission estimates of gross proceeds.
- 2 Securities Industry Association estimates of principal amounts.
- 3 Includes Municipal Assistance Corporation bonds.

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				
1974 - III	7,532	5,025	1,222	1,285	373	310	1,887	2,376	1,008	2,263
IV	11,859	8,611	1,571	1,677	374	76	4,079	3,702	743	3,337
1975 - I	15,270	10,829	2,333	2,108	1,255	1	6,055	4,732	1,380	3,105
II	15,679	10,510	1,588	3,581	1,035	656	6,513	4,405	1,338	3,423
1974 - July	3,248	2,086	616	546	223	205	1,094	618	295	1,242
Aug.	2,667	2,042	299	326	--	104	605	1,078	364	620
Sept.	1,617	897	307	413	150	1	188	680	349	401
Oct.	4,609	3,423	355	831	175	--	728	2,109	475	1,297
Nov.	3,739	3,016	330	393	199	76	1,699	964	93	985
Dec.	3,511	2,172	886	453	--	--	1,652	629	175	1,055
1975 - Jan.	5,376	3,657	1,130	589	470	1	1,901	1,268	938	1,268
Feb.	4,526	3,201	730	622	610	--	1,675	1,957	125	771
Mar.	5,368	3,971	500	897	175	--	2,479	1,507	317	1,066
Apr.	4,439	2,771	422	1,246	135	130	1,731	1,378	563	766
May	5,647	3,796	521	1,330	475	315	2,479	1,549	413	1,207
June	5,593	3,943	645	1,005	425	211	2,303	1,478	362	1,449
July	4,114	2,658	801	655	925	425	1,089	1,019	263	1,743

## **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>

December 1, thru December 12, 1975

ISSUER	TYPE	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	COUPON RATE	OFFERING YIELD	MOODY'S RATING
<b>CORPORATE</b>						
Appalachian Power Co.	1st mtge	60.0	1984	10.50	10.50	Baa/BBB
Iowa Pub. Service	1st mtge	25.0	2005	10.13	10.20	A/AA
Northwest Natural Gas	1st mtge	20.0	1986	10.50	10.50	Baa/BBB
Sedco Maritime Inc.	Fed gtr	48.1	1995	9.20	9.20	NR/AAA
Sedco Maritime Inc.	Fed gtr	25.9	1976-1982	--	6.25-8.30	NR/AAA
Ford Motor Credit Co.	Notes	100.0	1986	8.88	8.91	Aa/A
New Bedford Gas & Edison Light Co.	Notes	15.0	2000	10.63	10.50	Aa/A
Ford Motor Credit Co.	Debt	125.0	2006	9.75	9.82	Aa/A
Idaho Power Co.	Com stk	26.8	--	--	--	--
Pacific Power & Light	Pfd stk	40.0	--	9.92	9.92	Baa/BBB
Detroit Edison	Pfd stk	50.0	--	11.00	11.00	Ba/BB
Union Electric Co.	Com stk	47.6	--	--	--	--
General Telephone Co of the Southwest	pfd stk	15.0	--	9.52	9.65	A
J.C. Penney Co.	com stk	136.5	--	--	--	--
City Home Corp	pfd stk	50.0	--	11.00	11.00	--
Ohio Edison	pfd stk	40.0	--	10.48	10.48	A/A
Denny's Inc.	com stk	18.0	--	--	--	--
Cheapeake & Potomac Tel. Co. of Va.	debt	100.0	2015	9.25	9.35	Aaa
Sperry Rand Corp.	conv debt	150.0	2000	6.00	6.00	Baa/BBB
Montana Power	1st mtg	65.0	2005	9.70	9.70	Aa
Detroit Edison Co.	1st mtg	50.0	2000	11.88	11.88	Baa/BBB
General Tele. Co. of the Southwest	debt	45.0	2005	9.88	9.95	A
Offshore Logistics Inc.	fed gtr	5.7	1985	8.45	8.45	Aaa

**NOTES:**

• Rights offering.

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

Table 5A Continued

# INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

OTHER THAN U.S. TREASURY

December 1, thru December 12, 1975

ISSUER	TYPE	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	COUPON RATE	OFFERING YIELD	MOODY'S RATING
<b>CORPORATE</b>						
Offshore Logistics Inc.	fed gtr	25.9	2000	9.13	9.13	Aaa
Portland General Elect. Co.	1st mtg	50.0	2005	11.63	11.69	Baa
Alabama Bancorp	notes	35.0	1984	9.50	9.50	NR/AA
Texasgulf Inc.	debt	125.0	2000	9.38	9.38	A/AA
Indiana & Michigan Elect. Co.	1st mtg	75.0	1984	10.88	10.70	BAA/BBB
<b>Other</b>						
The World Bank	debt	250.0	1980	8.35	8.35	Aaa
The World Bank	notes	250.0	1985	8.85	8.85	Aaa
The World Bank	notes	250.0	2000	9.35	9.35	Aaa
Hudson Bay Mining & Smelting Co. Ltd	SF debt	50.0	1975	10.50	10.50	A

Table 5B

# INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

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

December 1, thru December 12, 1975

ISSUER	TYPE <sup>2</sup>	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	NET INTEREST COST	OFFERING YIELD	MOODY'S RATING
<b>STATE AND LOCAL</b>						
Missouri Environmental Improv. Auth.	Rev	13.4	2005	7.88	7.88	A
Minnesota, State of	G.O.	37.3	1976-1995	5.61	3.40-6.30	Aaa
Washington, State of	G.O.	14.5	1976-2000	6.30	3.60-6.60	Aa
Washington, State of	G.O.	18.0	1976-2000	6.30	3.60-6.60	Aa
Halstead, Kansas	Rev	3.2	1979-1992	9.56	6.25-8.60	A
Halstead, Kansas	Rev	4.9	2000	9.56	9.39	A
Halstead, Kansas	Rev	6.9	2006	9.56	9.52	A
Washington Pub. Power Supply Sys.	Rev	26.1	1983-1998	7.87	5.40-7.25	Aaa
Washington Pub. Power Supply Sys.	Rev	52.7	2010	7.87	7.88	Aaa
Washington Pub. Power Supply Sys.	Rev	71.2	2018	7.87	7.94	Aaa
G. Chicago Metro Sant. Dist., Ill.	G.O.	25.0	1977-1990	6.00	4.10-6.50	Aa
Clayton Co. Sch. Dist., Ga.	G.O.	12.0	1977-2002	7.39	4.00-7.50	A-1
Maricopa Co. Sch. Dist. #3, Ariz.	Rev	13.9	1982-1988	6.43	5.70-6.50	A-1
Cleveland City S.D., Ohio	G.O.	20.0	1977-1996	8.00	6.00-8.00	A
Albuquerque Mun. Sch. Dist., N.M.	G.O.	15.8	1976-1981	--	--	A-1
Cuyahoga Co., Ohio	G.O.	15.0	1977-2000	7.21	4.75-7.75	Aa
Minnesota Higher Educ. Comm.	Rev	10.0	1980	--	5.75	A
East Orange, N.J.	G.O.	15.7	1976-2000	--	7.00-9.25	A
Connecticut Dev. Auth.	Rev	10.1	1976-1987	7.70	4.50-7.10	Aa
Connecticut Dev. Auth.	Rev	3.8	1992	7.70	7.60	Aa
Connecticut Dev. Auth.	Rev	3.6	1996	7.70	7.75	Aa
Connecticut Dev. Auth.	Rev	5.9	2002	7.70	7.84	Aa

## 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

December 1, thru December 12, 1975

ISSUER	TYPE	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	NET INTEREST COST	OFFERING YIELD	MOODY'S RATING
<b>STATE AND LOCAL</b>						
Red River Auth. of Texas	Rev	10.7	2005	7.84	7.79	A
Los Angeles Dept. of Airports, Calif.	Rev	35.0	1976-2005	7.48	4.40-7.75	A-1
Union Co. Indust. Poll. Auth., N.J.	Rev	37.5	2005	--	6.70	Aaa
Tyler Ind. Sch. Dist., Texas	G.O.	16.0	1978-1995	5.76	3.75-6.70	A-1
Ohio, State of	Rev	11.5	1978-2002	7.68	5.00-7.75	A
Denver, Colo.	G.O.	34.0	1976-1990	5.76	3.75-6.20	Aa
Carson Redevelopment Agy., Calif.	G.O.	5.0	1977-1988	7.92	4.75-7.25	A
Carson Redevelopment Agy., Calif.	G.O.	13.0	2000	7.92	8.00	A

Table 6A

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

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

As of December 12, 1975

ISSUER	TYPE	AMOUNT (IN MILLIONS OF DOLLARS)	APPROXIMATE DATE OF OFFERING
<b>CORPORATE</b>			
Burlington Northern, Inc.	equip tr.	15.0	December 16
International Paper Co.	SF debt	150.0	December 16
Union Tank Car Co.	equip tr.	40.0	December 16
Alabama Power Co.	1st mtg.	100.0	December 17
Alabama Power Co.	pfd. stk.	25.0	December 17
Northwest Energy Co.	com. stk.	20.3	December
Textron Inc.	SF debt	60.0	December
Textron Inc.	notes	60.0	December
Associates Corp. of North America	notes	50.0	December
Associates Corp. of North America	debt	50.0	December
American Express Credit Corp.	notes	50.0	December
So. Carolina Elec & Gas	pfd. stk.	15.0	December
Consumers Power	com. stk.	50.0	January
*New York State Elect. & Gas Corp.	1st mtg.	75.0	January 7
*Cincinnati Gas & Elec. Co.	pfd. stk.	45.0	January 8
*Indianapolis Power and Light	com. stk.	30.0	January 8
*Kansas Nebraska Natural Gas	debt	20.0	January 13
*Cheapeake and Ohio Ky.	equip tr.	15.0	January 13
*Northern Natural Gas	1st mtg.	125.0	January 13
*Central Illinois Light	com. stk.	16.0	January 13
Middle South Utilities	com. stk.	100.0	January 13
*Oklahoma Gas and Elect.	1st mtg.	55.0	January 14
Southland Fin. Corp.	notes	35.0	Indef.
American Financial Corp.	debt	50.0	Indef.
<u>Other</u>			
European Coal & Steel Community	notes	100.0	December
*Toronto, City of	notes	10.0	January 14
*Toronto, City of	debt	60.0	January 14
Asia Development Bank	notes	75.0	Indef.
<u>Postponements</u>			
Household Finance Corp.	debt	75.0	December 9
Central Telephone Co.	1st mtg.	20.0	December 10
Carter Hawley Hale Stores Inc.	debt	60.0	December
Allegheny Power System	com. stk.	60.0	December 9

**NOTES:**

\* Included in table for first time.

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

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

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

as of December 12, 1975

ISSUER	TYPE	AMOUNT (IN MILLIONS OF DOLLARS)	APPROXIMATE DATE OF OFFERING
<b>STATE &amp; LOCAL</b>			
Wayne Co., Mich.	G.O.	19.2	December 15
Indianapolis Sant. Dist., Ind.	G.O.	15.0	December 16
Virginia Beach, Va.	G.O.	19.6	December 16
St. Bernard Par., La	Rev.	25.0	December 16
Newark, N.J.	G.O.	15.0	December 16
Du Page Co. Forest Preserve Dist., Ill.	G.O.	14.0	December 16
Russell Co. Indust. Dev. Auth., Va.	Rev.	17.0	December 17
*Suffolk Co., N.Y.	G.O.	27.0	December 18
*New Jersey Mtg. Finance Agy.	Rev.	16.0	December 18
*Pennsylvania, State of	G.O.	100.0	January 8
*Austin, Texas	Rev.	40.0	January 15
Oakland Comm. College Dist., Mich.	G.O.	12.5	January 15
<u>Postponement</u>			
Richmond, Va.	G.O.	25.0	December 10
Ramapo, N.Y.	G.O.	14.9	December 11

**NOTES:**

- 1 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>	BJ 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)
<u>1975</u>							
Oct. 3	45.49	813.21	83.21	75.50	13.6	1.5	4.4
10	46.67	832.91	84.13	76.96	15.3	1.5	4.6
17	47.06	832.18	83.38	77.63	16.2	1.5	5.2
24	47.57	840.52	83.07	78.62	17.2	1.6	5.0
31	47.06	836.04	82.79	76.99	15.3	1.5	4.6
Nov. 7	47.24	835.80	83.34	77.21	15.0	1.4	4.9
14	48.16	853.67	85.68	78.98	19.1	1.8	5.5
21	47.38	840.76	84.37	77.74	17.2	1.6	5.3
28	48.24	860.67	85.82	78.80	15.8	1.5	4.9
Dec. 5	45.84	818.80	82.40	74.72	17.1r	1.8	5.3
12	46.26	832.73	81.92	74.91	15.3	1.7	5.1

**NOTES:**

- Figures other than highs and lows are Fridays only. Highs and lows are for the year and are not necessarily for Fridays.
- Volume figures are weekly averages of daily figures (millions of shares).
- 12/31/85 = 50
- 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 MARGIN STOCK	BROKERS ON <sup>2</sup> CONVERTIBLE BONDS	BANKS <sup>3</sup>	
OUTSTANDING				
1974 - July	4,840	158	1,023	2,091
Aug.	4,590	156	953	2,119
Sept.	4,020	148	924	2,060
Oct.	3,930	145	916	2,024
Nov.	3,960	139	891	2,053
Dec.	3,840	137	856	2,064
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	n.a.	n.a.
July	5,300	143r	n.a.	n.a.
Aug.	5,220	142		
Sept.	5,250	145		
Oct.	5,300	144		
CHANGE IN OUTSTANDING				
1974 - July	-320	-14	-14	19
Aug.	-250	-3	-70	28
Sept.	-570	-7	-29	-59
Oct.	-90	-3	-8	-36
Nov.	30	-6	-25	29
Dec.	-90	-2	-35	11
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	n.a.	n.a.
July	310	-3r	n.a.	n.a.
Aug.	-80	-1		
Sept.	30	3		
Oct.	50	-1		

## 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	37,444	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	4,669	18,952	5.8	1,847
1974 - July	-521	--	-733	-481	--	-581	-1,002	--	-1,314
Aug.	-646	--	-837	-1,147	--	-1,218	-1,793	--	-2,055
Sept.	319	--	-689	1,425	--	-1,068	1,744	--	-1,757
Oct.	-74	--	-260	438	--	312	-364	--	52
1975 - June <u>r/</u>	1,871	--	716	6,226	--	3,089	8,097	--	3,805
July	509	--	264	3,055	--	2,865	3,564	--	3,129
Aug. <u>r/</u>	197	--	-21	1,472	--	1,313	1,684	--	1,323
Sept.	785	--	-338	3,698	--	631	4,483	--	293
Oct. <u>p/</u>	330	--	120	2,282	--	2,103	2,612	--	2,223
SEASONALLY ADJUSTED									
1975 - January	369	4.5	--	2,455	12.1	--	2,824	9.9	--
February	715	8.7	--	3,057	14.9	--	3,772	13.1	--
March	1,489	18.0	--	4,842	23.3	--	6,331	21.7	--
April	867	10.3	--	3,642	17.2	--	4,509	15.2	--
May	1,352	15.9	--	4,331	20.2	--	5,683	19.0	--
June	1,530	17.8	--	5,031	23.0	--	6,561	21.6	--
July <u>r/</u>	957	11.0	--	4,144	18.6	--	5,101	16.5	--
August <u>r/</u>	865	9.8	--	3,208	14.2	--	4,073	13.0	--
September	621	7.0	--	3,049	13.3	--	3,670	11.6	--
October <u>p/</u>	665	7.4	--	3,123	13.5	--	3,788	11.8	--

**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 1C

# 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)
1971 - Dec.	17.7	14.0	3.7	.49	.30	.19
1972 - Dec.	25.1	20.2	4.9	.56	.55	.01
1973 - Dec.	19.7	16.2	3.5	.15	.35	-.20
1974 - Jan.	19.3	15.9	3.4	-.33	-.31	-.10
Feb.	19.2	16.0	3.2	-.06	.09	-.19
Mar.	19.5	16.3	3.1	.20	.34	-.13
Apr.	19.7	16.7	3.0	.20	.39	-.10
May	18.5	15.7	2.9	-1.08	-1.07	-.06
June	18.0	15.1	2.9	-.61	-.54	-.06
July	17.3	14.6	2.8	-.64	-.55	-.04
Aug.	16.7	13.9	2.8	-.56	-.66	-.01
Sept.	16.2	13.5	2.7	-.56	-.39	-.13
Oct.	14.9	12.5	2.4	-1.31	-1.05	-.30
Nov.	14.4	12.0	2.3	-.54	-.42	-.10
Dec.	14.4	12.3	2.2	-.03	.25	-.11
1975 - Jan.	14.4	12.3	2.1	-.04	.06	-.10
Feb.	14.4	12.6	1.8	.04	.29	-.25
Mar.	15.2	13.2	2.0	.71	.60	.11
Apr.	16.2	14.3	2.0	1.13	1.07	.06
May	16.9	14.9	2.1	.72	.61	.11
June	17.1	15.1	2.1	.34	.27	.07
July	18.2	16.1	2.1	.92	.95	-.03
Aug.	19.4	17.2	2.2	1.18	1.06	+.12
Sept.	20.1	17.9	2.2	.64	.74	-.06
Oct.	20.0	18.0	2.1	.56	.65	-.09

## 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 SHORT-TERM DISCOUNT NOTES
		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 p	+252	+600	0	0	+600	-348
July p	+165	+300	0	0	+300	-135

## 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>							
1970	21,736	16,827	2,462	1,845	10,254	2,348	4,909
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	2,170	17,578	5,078	6,222
1975 - Jan.	1,311	860	100	66	426	268	451
Feb.	1,586	1,512	-100	100	1,109	403	74
Mar.	2,329	1,942	0	70	1,614	258	387
Apr.	3,458	3,268	400	132	2,285	451	190
May	3,966	3,909	300	181	3,184	244	57
June	4,443	4,401	500	323	3,425	153	42
July	4,493	3,783	200	334	3,122	127	710
Aug.	4,435	3,937	300	213	3,259	165	498
Sept.	4,477	3,720	600	119	2,883	118	757
Oct.				226	2,996		
<u>Seasonally Adjusted</u>							
1975 - Jan.	2,612	2,106	447	170	1,154	335	506
Feb.	2,827	2,628	184	242	1,646	556	199
Mar.	2,469	1,908	53	47	1,411	397	561
Apr.	3,519	3,128	384	166	2,015	563	391
May	3,488	3,307	33	149	2,769	356	181
June	3,246	3,181	167	193	2,655	166	65
July	3,851	3,329	175	269	2,751	134	522
Aug.	3,412	3,186	31	167	2,836	152	226
Sept.	4,381	3,830	449	175	3,069	137	551
Oct.				281	3,486		

## 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 these 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.

Table 13

# **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			
1968 - I	28.1	19.4	16.3	3.1	6.4	9.5	2.3
II	26.4	18.2	15.0	3.2	6.0	9.2	2.2
III	25.5	17.2	13.6	3.5	6.5	10.1	1.8
IV	29.6	20.4	16.5	3.9	7.4	11.3	1.9
1969 - I	32.0	23.8	19.4	4.4	6.0	10.4	2.2
II	29.1	21.5	16.8	4.6	5.4	10.1	2.2
III	25.8	18.7	14.0	4.7	5.3	10.0	1.7
IV	25.2	18.5	13.1	5.4	5.3	10.7	1.4
1970 - I	20.7	14.4	9.4	5.0	4.8	9.8	1.5
II	22.9	16.8	11.6	5.2	4.6	9.8	1.5
III	28.5	21.3	15.0	6.3	5.1	11.5	2.1
IV	31.8	22.8	16.2	6.6	6.8	13.4	2.2
1971 - I	37.3	27.4	19.4	8.0	7.7	15.7	2.2
II	47.7	35.5	26.2	9.4	9.8	19.2	2.4
III	52.3	38.5	28.6	9.9	11.5	21.4	2.3
IV	54.2	41.2	31.3	9.9	10.5	20.4	2.5
1972 - I	62.8	46.1	37.7	8.4	14.1	22.5	2.6
II	64.9	47.0	37.4	9.6	15.3	24.9	2.6
III	65.1	47.1	38.0	9.1	15.3	24.4	2.6
IV	68.3	49.5	40.0	9.5	16.3	25.8	2.5
1973 - I	83.4	63.1	53.1	10.0	16.3	26.3	4.1
II	75.6	53.9	44.0	9.9	17.8	27.8	3.8
III	71.3	51.4	41.8	9.6	16.3	25.9	3.6
IV	57.9	38.3	31.7	6.5	15.0	21.5	4.6
1974 - I	58.5	39.5	32.1	7.4	15.4	22.7	3.6
II	65.3	44.0	37.1	6.8	17.3	24.1	4.0
III	50.0	35.7	27.5	8.2	9.0	17.2	5.3
IV	38.6	23.7	17.3	6.4	7.6	14.0	7.3
1975 - I	35.2	25.5	21.3	4.3	4.9	9.2	4.8
II	50.7	38.9	36.1	2.8	7.8	10.6	4.0

**NOTES:**

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

Table 14

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

IN THOUSANDS OF UNITS, SEASONALLY ADJUSTED ANNUAL RATES

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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	1,338	888	450	1,692	932	760	329
1975 - Jan.	689	508	182	999	739	260	1,535	964	571	185
Feb.	701	515	186	1,000	733	267	1,320	770	550	219
Mar.	677	503	173	985	775	210	1,305	734	571	199
Apr.	837	603	234	980	762	218	1,211	756	455	194
May	912	658	254	1,130	887	243	1,276	832	444	224
June	949	679	270	1,094	884	210	1,165	785	380	210
July	1,042	711	331	1,235	935	300	1,269	901	368	225
Aug.	995	732	263	1,269	987	282	1,229	855	374	235
Sept.	1,095	779	316	1,268	929	339	1,214	895	319	215
Oct.	1,092	775	317	1,458	1,103	355				

## 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)		
1973 - High	8.95	107	8.95	107	9.18	130	9.4	21	8.36
Low	7.70	31	7.75	37	7.55	14	2.2	-23	7.38
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
1974 - Oct.	9.70	-33	9.70	-33	10.13	10	4.6	-43	10.03
Nov.	9.55	-13	9.60	- 8	n.a.	n.a.	n.a.	n.a.	9.68
Dec.	9.45	n.a.	9.45	n.a.	9.51	n.a.	3.8	- 6	n.a.
1975 - Jan.	9.15	15	9.20	20	8.99	- 1	3.8	16	9.00
Feb.	9.05	11	9.05	11	8.84	-10	2.6	21	8.94
Mar.	8.90	-70	8.95	-65	8.69	91	5.4	21	9.60
Apr.	9.00	-66	9.05	-61	n.a.	n.a.	n.a.	n.a.	9.66
May	9.05	-57	9.10	-52	9.16	46	5.0	-11	9.62
June	9.00	-37	9.05	-32	9.06	-31	4.3	- 6	9.37
July	9.00	-25	9.05	-20	9.13	-12	4.8	-13	9.25
Aug.	9.15	-34	9.15r	-34	9.32r	-17	6.2	-17	9.49
Sept.	9.25	-45	9.30	-40	9.74	4	5.5	-49	9.70
Oct.	9.25	3	9.30	8	9.53	31	4.0	-28	9.22

**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	
1974 - High Low	1155 (3/25) 26 (11.18)	333 (3/25) 18 (11/18)	10.59 (9/9) 8.43 (2/25)	164 (4/18) 14 (10/21)	63 (4/8) 7 (11/18)	10.71 (9/9) 8.47 (3/11)
1975 - Jan. 13	25.3	21.2	9.37	17.9	14.9	9.50
27	41.4	28.6	9.12	11.1	10.6	9.39
Feb. 10	24.6	18.1	8.98	14.8	9.1	9.20
24	36.2	23.8	8.87	20.0	9.1	9.04
Mar. 10	99.2	60.1	8.78	34.4	22.1	8.96
24	460.5	321.4	8.85	60.7	35.8	9.00
Apr. 7	551.6	277.2	8.98	99.8	44.6	9.13
21	470.9	247.3	9.13	79.2	64.8	9.26
May 5	525.5	280.4	9.29	69.8	43.9	9.43
19	165.6	115.0	9.25	46.4	38.4	9.41
June 2	172.5	80.4	9.14	51.2	27.1	9.26
16	73.4	38.6	9.06	28.5	15.7	9.21
30	358.7	246.9	9.07	67.5	47.3	9.18
July 14	333.2	174.9	9.10	71.4	35.8	9.20
28	415.8	247.7	9.17	56.5	34.5	9.26
Aug. 11	578.7	365.5	9.32	96.9	48.9	9.38
25	643.1	223.0	9.50	98.5	31.0	9.55
Sept. 8	530.1	197.7	9.70	96.9	43.9	9.75
22	293.6	142.0	9.86	68.8	35.2	9.92
Oct. 6	198.5	143.0	9.95	27.5	23.5	10.02
20	43.2	23.2	9.65	9.7	9.2	9.81
Nov. 3	69.8	41.7	9.32	19.6	15.2	9.54
17	293.1	180.6	9.33	68.6	34.6	9.40
Dec. 1	255.9	138.5	9.32	73.9	40.5	9.38

**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.