Capital Market Developments

February 10, 1976

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

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YIELDS, VOLUME AND RECEPTION

		CORP	ORATE BOND MAI	RKET	
	YIE	LDS		VOLUME	
WEEK ENDING	NEW ISSUE 1 Aaa UTILITY	RECENTLY ² OFFERED Aaa UTILITY	GROSS 3 OFFERINGS (\$ MILLIONS)	PER CENT SOLD BY END OF WEEK	NEW ISSUES 4 IN SYNDICATE (\$ MILLIONS)
1976 - Jan. 2		9.10			
9	8.88	8.94	365	100	0
16	8.64	8.68	413	95	38
23	8.62	8.69	537	96	- 34
30	8.66r	8.68	870	96 -\f	30
Feb. 6	8.67p	8,64	50	99	5
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	T	MUN	ICIPAL BOND MA	RKET	
	YIE	LDS		VOLUME	
WEEK ENDING	MOODY'S NEW ISSUE Aaa	BOND BUYER 20-BOND INDEX	GROSS 3 OFFERINGS (\$ MILLIONS)	PER CENT SOLD BY END OF WEEK	NEW ISSUES 4 IN SYNDICATE (\$ MILLIONS)
1976 - Jan. 2 9 16 23 30	6.45 6.25 6.25 6.15 6.00	7.29 7.13 7.09 7.01 6.85	6 277 364 383 1,319	44 92 65 87 78	63 34 132 57 164
Feb. 6	6.00	6.86	839	87	159
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- 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 Band Market Roundup; Municipal Market: Weekly Band Buyer, Data are adjusted by Federal Reserve when Digitized for recessary to make coverage of this series consistent with the gross offerings series.

Table 2
HIGH GRADE BOND YIELDS

 DATE	NEW IS		NTLY OFFERED 2	MOODY'S SEASONE CORPORATE Asa	D 3 U.S. GOVT. 20-YEAR CONSTANT MATURITY	BOND BUYER 20-BOND INDEX
1971 - High	8.26 (7/3		3 (1/1)	7.71 (8/21)	6.51 (6/18)	6.23 (6/23)
Low	7.02 (2/5	7.1	7 (12/31)	7.06 (2/12)	5.69 (3/23)	4.97 (10/21)
1972 - High	7.60 (4/2	11) 7 /	0 (//01)	7 26 (1/20)	. 10 (((1))	
Low	6.99 (11/		9 (4/21)	7.36 (4/28)	6.19 (4/14)	6.54 (4/13)
LOW	6.99 (11/	24) /.1	5 (12/1)	7.05 (2/12)	5.74 (11/17)	4.96 (10/21)
1973 ~ High	8.52 (8/1	.0) 8.3	2 (8/10) .	7.77 (8/24)	7.79 (8/10)	5.59 (8/3)
. Low	7.29 (1/2	1) 7.2	8 (1/5)	7.11 (1/5)	6.42 (1/5)	4.99 (10/11)
		1			(1,2)	(10)
1974 ← High	10.61 (10/	(4) 10.5	2 (10/11)	9.39 (10/11)	8.68 (8/30)	7.15 (12/12)
Low	8.05 (2/1	.5) 8.1	3 (1/4)	7.73 (1/4)	7.39 (1/4)	5.16 (2/7)
1975 - High	9.80 (5/2	2) 9.7	1 (5/25)	9.01 (5/2)	8.63 (9/19)	7.67 (10/3)
Low	8.89 (2/7		6 (2/28)	8.57 (2/28)	7.63 (2/21)	6.27 (2/13)
		,	- (-//	0.13. (2, 20,	, 103 (2, 22)	
1976 - Jan.	2	9.1	0 .	8.66	8.04	7.29
	9 8.88	8.9	4	8.63	7.99	7.13
1		. 8.6		8.60	7.97	7.09
2	-	8.6		8.58	8.03	7.01
. 3	0 8.66r	8.6	8	8.57r	8.02r	6.85
Feb.	6 8.67p	8.6	4 p	8.56p	8.02p	6.86
reb.	0 8.0/p	8.6	4P	8.56p	8.02p	6.86

- 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 week!
- 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.

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Federal Reserve Bank of St. Louis

Table 3

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

IN MILLIONS OF DOLLARS

			GROSS	PROCEEDS			
PERIOD		CORPORATE		1 S	TATE AND LO	CAL	
	1975	1974	1973	1975	1974	1973	
January	5,364	3,328	2,327	2,361	2,255	1,977	
February	4,528	2,687	1,962	2,387	2,003	1,515	
March	15,378	3,217	3,933	2,135	2,025	2,467	
April	4,293	3,060	2,497	2,406	2,397	1,826	
May	5,628	3,164	2,543	2,900	2,304	1,939	
June	5,618	2,981	3,578	3,064	2,166	2,152	
July	4,388	3,248	2,631	3,580	1,459	2,028	
August .	2,399	2,667	1,806	2,/83	1,106	1,657	
September	2,830	1,617	1,915	2,159	1,701	1,750	
October	4,573	4,609	3,398	2,323	2,860	2,313	
November		3,739	3,563	2,381	2,483	2,257	
December		3,511	3,238	2,052	1,479	2,089	
Q1	15,270	9,232	8,222	6,883	6,283	5,959	
Q2	15,539	9,205	8,618	8,370	6,867	5,917	
Q3 Q4	9,617	7,532	6,352	8,522		5,435	
Q4		11,859	10,199	6,756	6,822	6,659	
1st Half	30,809	18,437	16,840	15,253	13,150	11,876	
3 Qtrs.	40,426	25,969	23,192	23,775	17,416	17,311	
Year		37,828	33,391	30,531	24,238	23,970	
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NOTES:

Digitized for Fincludes Municipal Assistance Corporation bonds.

¹ Securities and Exchange Commission estimates of gross proceeds.

Securities Industry Association estimates of principal amounts.

Table 4

NEW CORPORATE SECURITY ISSUES BY TYPE OF ISSUE AND ISSUER

IN MILLIONS OF DOLLARS

		GROS	S PROCEEDS	BY TYPE OF	ISSUE		GROSS	PROCEEDS	BY TYPE OF	ISSUER
PERIOD		ВО	NDS	COMMON	N	IEMO				
PERIOD	TOTAL	PUBLICLY	PRIVATELY	AND PREFERRED	ISSUES	INCLUDED	MANÙFAC- TURING	PUBLIC UTILITY	COMMUNI- CATIONS	OTHER ISSUERS
		OFFERED	PLACED	STOCK	FOREIGN	CONVERTIBLE	TUNING	O TILLIT	CATIONS	10002110
1974 - 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	15,539	10,510	1,588	3,581	1,035	656	6,513	4,405	1,338	3,423
III	9,617	5,428	2,133	2,056	1,225	463	2,580	3,322	679	3,036
1974 - 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	98
Dec.	3,511	2,172	886	453			1,652	629	175	1,05
1975 - Jan.	5,364	3,657	1,134	573	470	1	1,904	1,271	938	1,25
Feb.	4,528	3,201	705	622	610		1,675	1,957	127	77
Mar.	5,378	. 3,971	510	897	175		2,479	1,507	317	1,07
Apr.	4,293	2,771	422	1,100	135	130	1,731	1,380	415	76
May	5,628	3,796	502	1,330	475	315	2,480	1,549	413	1,18
June	5,618	3,943	670	1,005	425	211	2,318	1,478	362	1,45
July	4,388	2,658	1,073	657	925	425	1,180	1,037	270	1,90
Aug.	2,399	1,356	480	563	}		711	1,024	112	55
Sept.	2,830	1,414	580	. 836	300	38	689	1,261	297	58
· Oct.	4,573	2,389	637	1,547	102	61	873	1,226	926	1,54
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NOTES:

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¹ Other issuers are extractive, railroad and other transportation, real estate and finance, and commercial and other. Source: Securities and Exchange Commission.

Table 5A

INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

OTHER THAN U.S. TREASURY 1

February 2, thur February 6, 1976

ISSUER	ТҮРЕ	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	COUPON RATE	OFFERING YIELD	MOODY'S RATING
CORPORATE			:			
South Carolina Elect. & Gas South Carolina Elect. & Gas	1st mtge Com stk	50.0	2006	9.13	9.13	<u>A</u>
General Tele. of Northwest	Pfd stk	20.0		8.16	8.16	A/A
•						
		*				
						**
				•		
Other_		-				
Kubota Ltd.	Conv debt	75.0	1991	6.75	6.75	-/A
Casisse Nationale des Telecommunications	Gtr notes	100.0	1984	8.88	8.88	Aaa
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WATER

Diabte offering

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

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INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

OTHER THAN U.S. TREASURY 1

February 2, thru February 6, 1976

ISSUER	TYPE · 2	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	NET INTEREST COST	OFFERING YIELD	MOODY'S
STATE AND LOCAL						
assachusetts Hsg. Finance Agy.	Rev	1.0	1978-1985	8.58	6.75-8.00	A-1
assachusetts Hsg. Finance Agy.	Rev	15.8	2017	8.58	8.50	A-1
ashington Sub. Sanitary Dist., Md.	G.O.	54.2	1978-2011	6.21	3.60-6.50	Aa
ashington Sub. Sanitary Dist., Md.	G.O.	3.3	1978-2011	6.45	3.70-6.60	Aa
perior, Wisc.	Rev	7.0	1980-1991	8.50	5.50-8.00	Baa
uperior, Wisc.	Rev	28.0	2001	8.50	8.50	Baa
ashington Power Supply Sys.	Rev	37.0	1981-1998	6.84	4.30-6.25	Aaa
ashington Power Supply Sys.	Rev	66.5	2010	6.84	6.90	Aaa
ashington Power Supply Sys.	Rev	76.5	2017	6.84	7.00	Aaa
entura Co. Pub. Fac. Corp., Calif. ashville & Davidson Co. Metro. Gov.,	Rev	27.5	1979-1995	6.33	4.25-6.60	A-1
Tenn.	Rev	10.0	1976-2005	6.25	3,20-6,80	Aa
ouisiana, State of	G.O.	100.0	1977-2001	5.59	3.00-6.10	Aa

NOTES:

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

3 Includes foreign government and International Bank for Reconstruction and Development issues and non-guaranteed issues by Federal Agencies.

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Table: 6A

FORTHCOMING INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

OTHER THAN U.S. TREASURY 1

as of February 6, 1976

ISSUER	TYPE	AMOUNT (IN MILLIONS OF DOLLARS)	APPROXI DATE OF OF	
CORPORATE	-	ı		
Genl. Electric Credit Corp.	Notes	200.0	February	10
Burroughs Corp.	Notes	100.0	February	12
*Global Marine Deepwater Drilling Inc.	Gtr ship fin	100.0	February	16
*Global Marine Deepwater Drilling Inc.	Gtr ship fin	52.1	February	16
Mississippi Power	1st mtge	25.0	February	17
American Electric Power Co.	Com stk (rts)	150.0	February	18
Jersey Cent. Pwr. & Light	1st mtge	60.0	February	18
Utah Power & Light	1st mtge	35.0	February	18
Atchison & Topeka & Santa Fe Ry	Equip tr	15.0	February	18
*American Cyanamid Co.	SF debt	100.0	February	19
Pennsylvania Electric Co.	Pfd stk	35.0	February	19
Allegheny Power	Com stk	70.0	February	19
Public Service of New Mexico	Pfd stk	20.0	February	19
Public Service of New Mexico	Com stk	20.0	February	19
*Dresser Industries	Com stk	138.0	February	23
*Houston Lighting & Power	Com stk	50.0	February	24
Philadelphia Elect. Co.	1st mtge	100.0	February	25
Iowa Power & Light Co.	Com stk	15.0	February	25
Iowa Power & Light	1st mtge	25.0	February	25.
New Jersey Bell Tele.	Debt	100.0	February	26
Portland General Electric	Com stk	25.0	February	26
Reliance Group Inc.	Pfd stk	50.0	February	
*John Deere Credit Co.	Debt	100.0	February	
Fairmont Foods	Conv debt	15.0	February	
Texas Electric Service	1st mtge	100.0	March	2
*Northeast Utilities	Com stk	63.7	March	3
Public Service Electric & Gas Co.	Com stk	40.0	March	4
*Public Service Electric & Gas Co.	Com stk	40.0	March	4
Public Service Electric & Gas Co.	1st mtge	70.0	March	4
*Toledo Edison	Com stk	50.0	March	8
*Cent. Illinois Pub. Service	1st mtge	25.0	March	9
*Duquesne Light	Pfd stk	30.0	March	9
*Central Illinois Public Service Co.	Com stk	30.0	March	9 .
*Boston Edison	Pfd stk	35.0	March	10
*Union Electric Co.	Pfd stk	35.0	March	10
*Metro. Edison Co.	1st mtge	50.0	March	11
*Southwestern Public Service	Pfd stk	15.0	March	

- 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

MEDITHROMING INTERMEDIATE ANIMOND TERM PUBLIC SECURITY OFFERINGS

OTHER THAN U.S. TREASURY

as of February 6, 1976							
ISSUER	TYPE	AMOUNT (IN MILLIONS OF DOLLARS	APPROXIMATE DATE OF OFFERING				
CORPORATE			CORPORATE				
Pillsbury Co.	Com stk	40.0	INDEF				
Other BP North American Finance Corp. Winnipeg, City of Nova Scotia Mexico	Debt Debt SF debt Notes	150.0 50.0 50.0 50.0	February 1910 February 1910 February 25 February 25				
HERICO	4. *		୍ର _{ପ୍ରତ୍} ର ପ୍ରତ୍ୟକ୍ତ କଥା ଅନ୍ୟର				
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Table 6B

FORTHCOMING INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

OTHER THAN U.S. TREASURY 1

as of February 6, 1976

ISSUER	TYPE	AMOUNT (IN MILLIONS OF DOLLARS)	APPROXIM DATE OF OFF	
STATE & LOCAL				
*Harristown Dev. Corp., Pa.	Rev	105.0	February	9
Utica Comm. Sch. Dist., Mich.	G.O.	15.5	February	9
Rochester, Minn.	Rev	17.1	February	10
Knoxville, Tenn.	G.O.	16.6	February	10
Los Angeles Dept. Water & Power,			-	
Calif.	Rev	50.0	February	10
*Muskogee Indust. Trust, Okla.	Rev	33.0	February	10
Fayetteville, N.C.	G.O.	10.0	February	10
Vista Building Auth., Calif.	Rev	25.5	February	10
Everett, Mass.	G.O.	15.6	February	10
*Compton Redevelopment Agy., Calif.	G.O.	10.0	February	11
Allegheny Co., Pa.	G.O.	27.0	February	11
Richmond, Va.	G.O.	25.0	February	11
S. Francisco Social Serv. Corp.,			•	
Calif.	Rev	10.8	February	11
Maryland, State of	G.O.	150.0	February	11
*Loudon Co., Va.	G.O.	11.9	February	17
California Educ. Fac. Auth.	Rev	18.1	February	17
*Michigan State Hospital Auth.	Rev	13.7	February	17
Alaska, State of	G.O.	40.0	February	17
Blount Co., Tenn.	G.O.	13.0	February	17
San Francisco Airports Comm.,			,	
Calif	Rev	143.5	February	18
Harris Co., Texas	G.O.	20.0	February	19
Harris Co. Flood Ctrl. Dist., Tex.	G. O.	15.0	February	19
*Hawaii, State of	G.O.	75.0	February	19
Peoria Bldg. Auth., Ill.	Rev	12.0	February	19
Texas, State of	G.O.	18.0	February	25

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.

STOCK PRICES AND VOLUME

DATE			STOCK PRICES	1		TRADING VOLUME	
	NYSE INDEX 3	DJ INDUSTRIALS	AMEX 4	NASDAQ	NYSE	AMEX	NASDAQ
	65.48 (1/11) 49.12 (12/13)	1051.50 (1/11) 788.31 (12/5)	130.47 (1/11) 85.26 (12/20)	136.84 (1/11) 89.12 (12/13)	26.0 (9/20) 9.0 (8/20)	5.5 (1/12) 1.4 (8/20)	11.3 (1/11) 3.5 (8/27)
	53.37 (3/13) 32.89 (10/3)	891.66 (3/13) 577.60 (12/6)	102.01 (3/14) 58.26 (12/9)	96.53 (3/15) 54.87 (10/3)	24.9 (1/3) 7.5 (7/5)	4.4 (1/3) .9 (9/26)	7.5 (1/3) 2.8 (7/5)
	51.24 (7/15) 37.16 (1/8)	881.81 (7/15) 632.04 (1/2)	96.86 (7/15) 62.20 (1/2)	88.00 (7/15) 60.70 (1/2)	35.2 (2/13) 8.7 (9/15)	4.2 (2/21) 1.1 (9/15)	8.1 (2/13) 2.5 (9/15)
12 19	45.84 46.26 46.82 47.60	818.80 832.73 844.38 859.81	82.40 81.92 82.43 82.58	74.72 74.91 75.92 77.13	17.1 14.9 16.9 13.6	1.8 1.7 2.0 1.8	5.3 4.9 5.7 4.8
9 16 23	48.04 50.29 51.41 52.59	858.71 911.05 929.63 953.95 975.28	84.31 88.82 92.05 94.17 96.84	78.06 82.31 04.30 85.26 87.05	15.1 28.9 31.9 32.3 32.4r	2.4 2.7 2.9 3.4. 3.7 r	5.9 6.7 7.5 8.1 7.8
eb. 6	52.97	954.90	97.16	87.25	32.5	4.3	8.9

- 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.

SECURITY CREDIT

	REGULATED	MARGIN CREDIT EX	(TENDED BY	UNREGULATED NONMARGIN
END OF PERIOD	BROKERS ON ¹ MARGIN STOCK	BROKERS ON 2 CONVERTIBLE BONDS	BANKS	STOCK CREDIT AT BANKS
OUTSTANDING)		
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	1	n.a.
Ju1y	5,300	143	1	n.a.
Aug.	5,220	. 142	1	
Sept.	5,250	145	1	* •
Oct.	5,300	144		
Nov.	5,370	146		
Dec.	5,390	n.a.	ł	
: HANGE IN OUTSTANDING	· ·	4	1	
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.
July	310	- 3	.,	n.a.
Aug.	-80	-1	,	
Sept.	30	3		
Oct.	50	-1		
Nov.	70	2	1	
Dec.	20	n.a.		
	1		1	

- 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.

SAVINGS FLOWS AT NONBANK THRIFT INSTITUTIONS

IN MILLIONS OF DOLLARS

	MUTU	AL SAVINGS BA	ANKS	SAVINGS	& LOAN ASSO	CIATIONS		TOTAL	
		DEPOSITS 1	2	NET 2 SHARE CAPITAL			DEPOSITS		NET 2
DATE	NET FLOW	ANNUAL 3 GROWTH RATE	NEW MONEY	NET FLOW	ANNUAL 3 GROWTH RATE	NET NEW MONEY	NET FLOW	ANNUAL 3 GROWTH RATE	MONEY
1971 1972 1973 1974 1974 - August September	9,621 10,067 4,815 2,909 -646 319	13.5 12.4 5.3 3.0	5,378 5,451 -442 -2,822 -837 -689	27,793 32,567 20,237 16,053 -1,147 1,425	19.0 18.7 9.8 7.0	20,653 23,884 10,507 4,669 -1,218 -1,068 312	37,414 42,634 25,052 18,962 -1,793 1,744 364	17.2 16.7 8.4 5.8	26,331 29,335 10,062 1,847 -2,055 -1,757
October November	-74 449		-260 236	438 1,226		1,091	1,675		1,327
1975 - August September October November p/	197 785 348 765	 	-21 -338 131 549	1,472 3,698 2,264 2,246	 	1,326 631 2,086 2,072	1,669 4,483 2,612 3,011		1,305 293 2,217 2,621
				SEASO	NALLY ADJUS	TED			
1975 - January February March April May June July	405 713 1,149 955 1,295 1,369 1,190	4.9 8.7 13.8 11.4 15.3 16.0		2,351 3,005 3,864 3,712 4,237 4,395 4,774	11.5 14.6 18.6 17.6 19.8 20.2 21.5	 	2,756 3,718 5,013 4,667 5,532 5,764 5,964	9.6 12.9 17.2 15.8 18.5 19.0	

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.

Digitizence (National Association of Mutual Savings Banks and Federal Home Loan Bank Board.

Table 9 SAVINGS FLOWS AT NONBANK THRIFT INSTITUTIONS

IN MILLIONS OF DOLLARS

	MUTU	AL SAVINGS BA	ANKS	SAVINGS	& LOAN ASSO	CIATIONS		TOTAL	
	REGULAR	DEPOSITS 1	NET 2	SHARE	CAPITAL	NET 2	DEPO	SITS	NET 2
DATE	NET FLOW	ANNUAL 3 GROWTH RATE	NEW MONEY	NET. FLOW	ANNUAL 3 GROWTH RATE		NET FLOW	ANNUAL 3 GROWTH RATE	NEW MONEY
1975 - August September October November	1,044 802 731 772	.11.9 9.0 8.2 8.6	 	3,933 3,682 3,334 3,125	17.4 16.1 14.4 13.3	 	4,977 4,484 4,065 3,897	15.9 14.1 12.6 12.0	
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- 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.

MORTGAGE COMMITMENTS AT SELECTED THRIFT INSTITUTIONS

BILLIONS OF DOLLARS, SEASONALLY ADJUSTED

	OUTS	TANDING COM	MITMENTS	NET CHANGE				
PERIOD	TOTAL	ALL SAVING & LOAN ASSOCIATION	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	6ó	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.	10.9	17.8	2.1	14	05	~.09		
Nov.	20.0	18.0	2.0	.05	.12	07		
Dec.		18.2			.25	•07		
					.23			
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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 nonresidential 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.

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Table 11

NET NEW MONEY BORROWINGS BY MAJOR HOUSING AGENCIES

IN MILLIONS OF DOLLARS

	TOTAL	INT	ERMEDIATE AN	D LONG-TERM I	SSUES	FNMA
PERIOD	INCLUDING SHORT-TERM DISCOUNT NOTES	TOTAL	FHLB	FHLMC	FNMA	SHORT-TERM DISCOUNT NOTES
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
974 - Jan.	-671	-756	-800		+4,4	+85
Feb.	-695	-657	-657			-38
Mar.	+424	+450			+450	-26
Apr.	+508	-4	-4			+512
May	+1,442	+9,92	+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
975 - 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
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Notes:

Based on data from the Treasury Survey of Ownership.

p/ Preliminary.

^{1/} Sales of FHLB discount notes began in May 1974.

NET CHANGE IN MORTGAGE HOLDINGS

IN MILLIONS OF DOLLARS

			FINANC	IAL INSTITU	TIONS		
PERIOD	TOTAL INCLUDING FNMA-GNMA	TOTAL	COMMERCIAL BANKS	MSB's	S & L's	INSURANCE COMPANIES	
			Net Con	sonally Ac	diusted		
			Not Sea	Solially M	ajabeea		
	21,736	16,827	2,462	1,845	10,254	2,348	4,909
1970	41,647	39,259	9,940	3,938	23,919	1,221	2,388
1971	57,587	55,561	16,800	5,377	31,932	1,452	2,026
1972	58,372	55,072	19,600	5,642	25,552	4,278	3,300
1973 1974	42,748	36,526	11,700	2,170	17,578	5,078	6,222
1974	.	•			426	268	451
1975 - Jan.	1,211	760	0	66	1,109	403	74
Feb.	1,486	1,412	-200	100	1,614	258	387
Mar.	2,329	1,942	0	70	2,285	451	190
Apr.	3,458	3,268	400	132		244	57
May	3,966	3,909	200	181	3,184	153	42
June	4,343	4,301	400	323	3,425	127	710
July	4,493	3,783	200	334	3,122	165	498
Aug.	4,435	3,937	300	213	3,259	118	757
Sept.	4,377	3,620	500	119	2,883		649
Oct.	4,781	4,132	700	226	2,996		366
Nov.	3,284	2,918	200	200	2,323	195	658
Dec.	3,20.				2,785		000
			Seasona	11y Adjus	ted		
			2/7	170	1,154	335	506
1975 - Jan.	2,512	2,006	347	242	1,646	556	199
Feb.	2,727	2,528	84	47	1,411	397	561
Mar.	2,469	1,908	53	166	2,015	563	391
Apr.	3,519	3,128	384		2,769	356	181
May	3,388	3,207	- 67	149	2,705	166	65
June	3,146	3,081	67	193	2,055	134	522
July	3,851	3,329	175	269		152	226
Aug.	3,412	3,186	31	167	2,836	137	551
Sept.	4,281	3,730	349	175	3,069	203	529
Oct.	5,235	4,706	736	281	3,486	128	341
Nov.	3,766	3,425	310	189	2,798	120	740
Dec.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1			2,826		/40
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NOTES:

Federal Reserve Bank of St. Louis

Digitized fother groups accounted for 83 per cent of the net increase estimated for all holders in 1974. http://fra2ser.strouglanuary 1972 data reflect activity in limited amount of conventional mortgages.

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 de rived from regular quarterly series because of minor conceptual differences for which adjustments are not made in the monthly series. Altogether,

Table 13

NET INCREASE IN MORTGAGE DEBT OUTSTANDING

IN BILLIONS OF DOLLARS, SEASONALLY ADJUSTED ANNUAL RATES

	2		RESIDENTIAL	. 3		MULTIFAMILY	
QUARTER	TOTAL	TOTAL	1- to 4- FAMILY	MULTI- FAMILY	COMMERCIAL	& COMMERCIAL	FARM
			,				4.1
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	52.2	32.2	25.5	6.7	14.2	20.9	5.7
īv	39.0	22.5	16.0	6.5	10.2	16.7	6.3
1975 - I	34.3	20.8	18.0	2.8	8.5	11.4	5.0
II	51.6	36.7	34.3	2.4	11.1	13.5	4.2
III	56.4	41.5	36.7	4.8	10.5	15.3	4.3
IV p	61.3	47.0	40.5	6.5	9.5	16.0	4.8
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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.

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

IN THOUSANDS OF UNITS, SEASONALLY ADJUSTED ANNUAL RATES

		PERMITS 1			STARTS			COMPLETION	S	MOBILE
PERIOD	PERIOD TOTAL	1—FAMILTY	2-OR MORE FAMILY	TOTAL	1-FAMILY	2-OR MORE FAMILY	TOTAL	1-FAMILY	2-OR MORE FAMILY	HOME SHIPMENT
1969	1,324	626	698	1,467	811	(5)	1 000	200		
1970	1,352	647	705	1,434	813	656	1,399	808	592	413
1971	1,925	906	1,018	2,052		621	1,418	802	617	401
1972	2,219	1,033	1,186	2,032	1,151	901	1,706	1,014	692	497
1973	1,820	882	937	2,337	1,309	1,048	1,972	1,143	828	576
1974	1,074	644	431		1,132	914	2,014	1,174	840	567
1975	927	669	278	1,388 1,161	888 893	450 269	1,692	932	760	329
1975 - Jan.	1		i	•						
	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	1,267	881	386	235
Sept.	1,095	779	316	1,269	931	338	1,291	969	322	215
Oct.	1,079	769	310	1,452	1,103	349	1,115	734	381	229
Nov.	1,085	787	298	1,354	1,028	326	1,416	997	419	232
Dec.	1,058	782	279	1,309	972	337	•			
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NOTES:

Pro. ste 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.

Digitizerfic data to A1969 and 1970 based on 13,000 areas with permit systems

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Federal Reserve Bank of St. Louis

Table 15

AVERAGE RATES AND YIELDS ON HOME MORTGAGES

		CONVENTIO PRIMARY	NAL LOANS MARKET		HUD(FI	HA) INSURED ONDARY MAR	SPREAD BETWEEN RETURNS ON	NEW Aaa	
	NEW HO	OMES	EXISTING	HOMES		NEW HOMES			UTILITY
PERIOD	RATE (IN PER CENT)	SPREAD (BASIS POINTS)	RATE (IN PER CENT)	SPREAD (BASIS POINTS)	YIELD (IN PER CENT)	SPREAD (BASIS POINTS)	DISCOUNT (PERCENTAGE POINTS)	AND HUD(FHA) NEW LOME MORTGAGES (BASIS POINTS)	BOND YIELD (IN PER CENT
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,
	1								
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
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.
4: 4			1					1	

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-bigitized for prepaid in 15 years, for immediate delivery, are used.

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.

FNMA AUCTION RESULTS HOME MORTGAGE COMMITMENTS

		GOVER	NMENT-UNDERV	VRITTEN		ONVENTIONAL	
DATE OF AUCTION			OUNT OF DOLLARS)	AVERAGE YIELD	(IN MILLIONS		AVERAGE YIELD
		OFFERED	ACCEPTED	1	OFFERED	ACCEPTED	
1975 - High Low	۲	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		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	158.8	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		9.13 9.07	42.7 33.4	32.1 24.7	9.28 9.22
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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 mortgage 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.

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Federal Reserve Bank of St. Louis