Capital Market Developments

March 22, 1976

Prepared by the
CAPITAL MARKETS SECTION
in conjunction with the
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CONSUMER FINANCE SECTION

DIVISION OF RESEARCH AND STATISTICS

BOARD OF GOVERNORS FEDERAL RESERVE SYSTEM Washington, D.C. 20551

Index

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- 1-6 SECURITY VOLUME AND YIELDS
- 7, 8 STOCK MARKET AND SECURITY CREDIT
- 9 16 MORTGAGE MARKET

SYMBOLS

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

YIELDS, VOLUME AND RECEPTION

		CORP	ORATE BOND MA	RKET	
	YIEL	DS		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 (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	8.66	8.68	870	96	30
Feb. 6	8.68	8.62	50	99	5
13		8.68	350	100	0
20	8.64	8.67	302	96	27
27	8.58r	8.56	1,376	82	165
Mar. 5	8.72	8.72	440	90	73
12	8.63r	8.64r	978	95	30
19	8.61p	· 8.65p	920	99	6

		MUN	MUNICIPAL BOND MARKET				
	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	6.45	7.29	6	44	63		
9	6.25	7.13	277	. 92	34		
16	6.25	7.09	364	65	132		
23	6.15	7.01	383	87	57		
30	6.00	6.85	1,319	78	164		
Feb. 6	6.00	6.86	774	87	159		
13	6.05	6.95	625	. 80	170		
20	6.06	6.97	539	77	239		
27	6.06	6.98	508	89	154		
Mar. 5	6.10	7.04	509	87	155		
12	6.05	6.98	1,064	90	187		
19	6.01	6.92	529	88	169		
	. [
	l l						

- 1 Federal Reserve series of implied yield on newly issued, Asa-rated utility bond with 5-year call protection.
- 2 Federal Reserve series of implied free-market yield on competitively bid Ase-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.

HIGH GRADE BOND YIELDS

C	ATE	NEW ISSUE Ass UTILITY	RECENTLY OFFERED 2 Ass UTILITY	MOODY'S SEASONED 3	U.S. GOVT. 20-YEAR CONSTANT MATURITY	BOND BUYER 20-BOND INDEX
197	2 - 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)
197	3 - 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)
197	4 - 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)
197	5 - 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)
197	6 - High	8.88 (1/9)	9.10 (1/2)	8.66 (1/2)	8.09 (2/13)	7.29 (1/2)
	Low	8.58 (2/27)	8.56 (2/27)	8.51 (2/27)	7.96 (2/27)	6.86 (2/5)
197	6 - Feb. 6	8.68	8.62	8.56	8.04	6.86
	13		8.68	8.57	8.09	6.95
	20	8.64	8.67	8.56	8.06	6.97
	27	8.58	8.56	8.51	7.96	6.98
	Mar. 5 12 19	8.63r	8.72 8.64r 8.65p	8.55 8.55r 8.54p	8.07 7.99 7.98p	7.04 6.98 6.92

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

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

IN MILLIONS OF DOLLARS

February 4,528 2,687 1,962 2,387 March 5,378 3,217 3,933 2,135 April 4,294 3,060 2,497 2,406 May 5,798 3,164 2,543 2,900 June 5,618 2,981 3,578 3,064 July 4,390 3,248 2,631 3,580 August 2,396 2,667 1,806 2,783 September 2,838 1,617 1,915 2,159 October 4,619 4,609 3,398 2,323 November 3,965 3,739 3,563 2,381 December 3,965 3,739 3,563 2,381	
January 5,365 3,328 2,327 2,238 2,361 February 4,528 2,687 1,962 2,387 March 5,378 3,217 3,933 2,135 April 4,294 3,060 2,497 2,406 May 5,798 3,164 2,543 2,900 June 5,618 2,981 3,578 3,064 July 4,390 3,248 2,631 3,580 August 2,396 2,667 1,806 2,783 September 2,838 1,617 1,915 2,159 October 4,619 4,609 3,398 2,323 November 3,965 3,739 3,563 2,381 December 3,965 3,739 3,563 8,370 6,883 6,883	_
February 4,528 2,687 1,962 2,387 March 5,378 3,217 3,933 2,135 April 4,294 3,060 2,497 2,406 May 5,798 3,164 2,543 2,900 June 5,618 2,981 3,578 3,064 July 4,390 3,248 2,631 3,580 2,783 September 2,838 1,617 1,915 2,159 October 4,619 4,609 3,398 2,323 3,563 2,381 December 3,511 3,238 2,052 Ottober 15,710 9,232 8,222 6,883 6,8370 6,883 8,370 6,883 8,370 6,883	1974
February March 4,528 2,687 1,962 2,387 March 5,378 3,217 3,933 2,135 April 4,294 3,060 2,497 2,406 May 5,798 3,164 2,543 2,900 June 5,618 2,981 3,578 3,064 July 4,390 3,248 2,631 3,580 August 2,396 2,667 1,806 2,783 September 2,838 1,617 1,915 2,159 October 4,619 4,609 3,398 2,323 November 3,965 3,739 3,563 2,381 December 3,511 3,238 2,052 Q1 15,271 9,232 8,222 6,883 Q2 15,710 9,205 8,618 8,370	
March 5,378 3,217 3,933 2,135 April 4,294 3,060 2,497 2,406 May 5,798 3,164 2,543 2,900 June 5,618 2,981 3,578 3,064 July 4,390 3,248 2,631 3,580 August 2,396 2,667 1,806 2,783 September 2,838 1,017 1,915 2,159 October 4,619 4,609 3,398 2,323 November 3,965 3,739 3,563 2,381 December 3,511 3,238 2,052 Q1 15,271 9,232 8,222 6,883 Q2 15,710 9,205 8,618 8,370	2,255
April 4,294 3,060 2,497 2,406 May 5,798 3,164 2,543 2,900 June 5,618 2,981 3,578 3,064 July 4,390 3,248 2,631 3,580 August 2,396 2,667 1,806 2,783 September 2,838 1,617 1,915 2,159 October 4,619 4,609 3,398 2,323 November 3,965 3,739 3,563 2,381 December 3,965 3,739 3,563 2,381 December 3,511 3,238 2,052 O1 15,271 9,232 8,222 6,883 6 O2 15,710 9,205 8,618 8,370	2,003
May 5,798 3,164 2,543 2,900 June 5,618 2,981 3,578 3,064 July 4,390 3,248 2,631 3,580 August 2,396 2,667 1,806 2,783 September 2,838 1,617 1,915 2,159 October 4,619 4,609 3,398 2,323 November 3,965 3,739 3,563 2,381 December 3,511 3,238 2,052 Q1 15,271 9,232 8,222 6,883 Q2 15,710 9,205 8,618 8,370	2,025
May June 5,798 5,618 3,164 2,543 3,578 2,900 3,064 July A,390 3,248 2,631 3,580 August 2,396 2,667 1,806 2,783 September 2,838 1,617 1,915 2,159 2,783 2,159 October A,619 4,609 3,398 November December 2,396 3,511 3,238 2,052 2,323 2,381 2,052 Q1 15,271 9,232 8,222 2 15,710 9,205 8,618 6,883 6,83 Q2 15,710 9,205 8,618 8,370 6	2,397
June 5,618 2,981 3,578 3,064 July 4,390 3,248 2,631 3,580 August 2,396 2,667 1,806 2,783 September 2,838 1,617 1,915 2,159 October 4,619 4,609 3,398 2,323 November 3,965 3,739 3,563 2,381 December 3,511 3,238 2,052 Q1 15,271 9,232 8,222 6,883 Q2 15,710 9,205 8,618 8,370	2,304
August 2,396 2,667 1,806 2,783 September 2,838 1,617 1,915 2,159 October 4,619 4,609 3,398 2,323 November 3,965 3,739 3,563 2,381 December 3,511 3,238 2,052 Ottober 15,271 9,232 8,222 6,883 0,232 Ottober 2,323 2,323 2,324 2,052	2,166
August 2,396 2,667 1,806 2,783 September 2,838 1,617 1,915 2,159 October 4,619 4,609 3,398 2,323 November 3,965 3,739 3,563 2,381 December 3,511 3,238 2,052 Ottober 15,271 9,232 8,222 6,883 0,232 Ottober 2,323 2,323 2,324 2,052	
September 2,838 1,017 1,915 2,159 October 4,619 4,609 3,398 2,323 November 3,965 3,739 3,563 2,381 December 3,511 3,238 2,052 Q1 15,271 9,232 8,222 6,883 Q2 15,710 9,205 8,618 8,370	1,459
October 4,619 4,609 3,398 2,323 2,381 2,052 C1 15,271 9,232 8,222 6,883 Q2 15,710 9,205 8,618 8,370	1,106
November 3,965 3,739 3,563 2,381 2,052 2 On 15,271 9,232 8,222 6,883 0 On 15,710 9,205 8,618 8,370 6	1,701
November December 3,965 3,739 3,563 2,381 0ccember 3,511 3,238 2,052 01 15,271 9,232 8,222 6,883 02 15,710 9,205 8,618 8,370	2,860
December 3,511 3,238 2,052 Q1 15,271 9,232 8,222 6,883 Q2 15,710 9,205 8,618 8.370	2,483
Q1 15,271 9,232 8,222 6,883 6 Q2 15,710 9,205 8,618 8,370 6	1,479
Q2 15,710 9,205 8,618 8,370	1,477
Q2 15,710 9,205 8,618 8,370 6	5,283
	6,867
Q3 9,624 7,532 6,352 8,522 4	266
	6,822
1st Half 30,981 18,437 16,840 15,253 13	3.150
	,416
	,238
37,020 33,331 24	,,236

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

Table 4

NEW CORPORATE SECURITY ISSUES BY TYPE OF ISSUE AND ISSUER

IN MILLIONS OF DOLLARS

		GROS	S PROCEEDS	BY TYPE OF	ISSUE		GROSS	PROCEEDS	BY TYPE OF	ISSUER
PERIOD		ВО	NDS	COMMON	N	MEMO				
Linos	TOTAL	PUBLICLY	PRIVATELY	AND PREFERRED	ISSUES	INCLUDED	MANUFAC- TURING	PUBLIC UTILITY	COMMUNI- CATIONS	OTHER
		OFFERED	PLACED	STOCK		CONVERTIBLE	TORING	TORING OTILITY	CATIONS	13302113
1974 - IV	11,859	8,611	1,571	1,677	374	76	4,079	3,702	743	3,337
1975 - I	15,271	10,829	2,350	2,092	1,255	1	6,058	4,735	1,382	3,099
II	15,710	10,510	1,595	3,605	1,035	656	6,699	4,407	1,190	3,414
III	9,624	5,428	2,140	2,056	1,225	463	2,585	3,324	679	3,036
					}		re _{colo}			
1974 - 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.	5,365	3,657	1,135	573	470	1	1,904	1,271	938	1,252
Feb.	4,528	3,201	705	622	610		1,675	1,957	127	771
Mar.	5,378	3,971	510	897	175		2,479	1,507	317	1,076
Apr.	4,294	2,771	423	1,100	135	130	1.731	1,380	415	767
May	5,798	3,796	502	1,500	475	315	2,650	1,549	413	1,188
June	5,618	3,943	670	1,005	425	211	2,318	1,478	362	1,459
July .	4,390	2,658	1.075	657	925	425	1,180	1,039	270	1,901
Aug.	2,396	1,356	477	563			708	1,024	112	551
Sept.	2,838	1,414	588	836	300	38	697	1,261	297	584
Oct.	4,619	2,389	683	1,547	102	61	901	1,238	928	1,553
Nov.	3,965	1,666	1,516	783	825		1,102	1,268	50	1,546
								-		,

NOTES:

Source: Securities and Exchange Commission.

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Federal Reserve Bank of St. Louis

¹ Other issuers are extractive, railroad and other transportation, real estate and finance, and commercial and other.

Table 5A

INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

OTHER THAN U.S. TREASURY 1

March 1, thru March 19, 1976

ISSUER	TYPE	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	COUPON RATE	OFFERING YIELD	MOODY'S RATING
CORPORATE						
Union Oil of Calif.	SF debt	200.0	2006	8.63	8.70	Aa
Texas Electric Service	1st mtge	100.0	2906	8.88	8.75	Aaa
Virginia Electric & Power Co.	1st mtge	100.0	2006	9.25	9.25	A
Southwestern Public Service Co.	1st mtge	40.0	2006	8.88	8.92	Aa
Southwestern Public Service Co.	Pfd stk	15.5		8.88	8.60	Aa/AA
Public Service Electric & Gas	Com stk	36.3				
Northeast Utilities	Com stk	60.9				
Virginia Electric & Power Co.	Pfd stk	60.0		9.75	9.75	Baa/BBB+
Florida Power & Light Co.	Com stk	75.8				
Owen-Illinois Inc.	Com stk	80.5				
San Diego Gas & Elect. Co.	Pfd stk	27.5		10.72	9.75	Baa/BBB
J. P. Morgan & Co.	Com stk	108.0				
Duquesne Light	Pfd stk	30.0		9.26	9.26	A/A
Toledo Edison	Com stk	46.0				
Puget Sound Power & Light	Com stk	25.7				
Duke Power	Com stk	88.1				
American Cyanamid Co.	SF debt	100.0	2006	8.38	8.42	Aa
Jim Walter Corp.	SF debt	125.0	1996	9.50	9.50	Baa/BBB
Commercial Credit Co.	Notes	50.0	1981	8.40	8.40	A
Commercial Credit Co.	Notes	100.0	1986	8.88	8.95	Α .
J. P. Morgan & Co. Inc.	Notes	150.0	1986	8.13	8.00	Aaa
Standard Oil Co. of Ohio	Notes	200.0	1977	7.10	7.10	A/AA

Rights offering

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

Table 5A Continued

INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

OTHER THAN U.S. TREASURY

March 1, thru March 19, 1976

ISSUER '	ТҮРЕ	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	COUPON RATE	OFFERING YIELD	MOODY'S RATING
CORPORATE						
tandard Oil Co. of Ohio	Notes	50.0	1979	7.60	7.60	A/AA *
tandard Oil Co. of Ohio	Notes	75.0	1981	8.00	8.00	A/AA
Genesco Inc.	Notes	70.0	1981	10.38	10.46	Baa/BB
fetro. Edison Co.	1st mtge	50.0	2006	9.00	9.10	Α
merican Electric Co.	Com stk (rts)	196.0				
larrahs	Conv debt	20.0	1996	7.50	7.50	-/BB
axter Laboratories	Conv debt	100.0	2001	4.75	4.75	Baa/BB
outhwestern Bell Tele. Co.	Debt	300.0	2016	8.50	8.56	Aaa
Inion Pacific Ry	Equip tr	19.5	1977-1991	8.13	6.50-8.20	Aaa
nternational Harvester Credit Corp.	Notes	75.0	1984	9.00	9.00	A/BBB
outhern Calif, Edison Co.	Debt	125.0	2001	8.88	8.93	A, BBB Aa
Cexaco Inc.	Debt	300.0	2006	8.50	8.57	Aaa
ayton Power & Light Co.	Com stk	35.3				
Cansas Gas & Elec. Co.	Com stk	21.9				
Cexas Utilities	Com stk	90.0				
Inion Camp Corp.	Com stk	92.0				
acific Lighting Corp.	Com stk	51.8		. 		
Illinois Power Co.	Pfd stk	51.1		8.94	8.75	A/AA
<u>Other</u>						
lorway	Notes	100.0	1981	8.25	8.25	Aaa

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Federal Reserve Bank of St. Louis

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Table 5B

INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

OTHER THAN U.S. TREASURY 1

March 1, thru March 19, 1976

ISSUER	TYPE 2	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	NET INTEREST COST	OFFERING YIELD	MOODY'S RATING
STATE AND LOCAL		_				
Virginia Hsg. Dev. Auth.	Rev	2.9	1978-1995	7.86	4.75-7.40	A-1
Virginia Hsg. Dev. Auth.	Rev	1.3	1999	7.86	7.50	A-1
Virginia Hsg. Dev. Auth.	Rev	15.2	2018	7.86	7.75	A-1
Omaha Pub. Power Dist., Neb.	Rev	19.1	1982-1999	7.12	4.75-6.75	Aa
Omaha Pub. Power Dist., Neb.	Rev	16.8	2006	7.12	7.04	Aa
Omaha Pub. Power Dist., Neb.	Rev	44.1	2016	7.12	7.20	Aa
Wisconsin, State of	G.O.	148.0	1977-2001	5.48	3.30-6.15	Aaa
Virginia Pub. Sch. Auth.	Rev	16.0	1977-1996	5.88	3.60-6.60	Aa
Montgomery Co., Pa.	G.O.	12.1	1976-1991	5.40	2.60-5.75	Aaa
Hartford, Conn.	G.O.	20.0	1977-2006	6.04	3.60-6.50	Aaa
Upper St. Clair Tp. Sch. Auth., Pa.	Rev	10.1	1977-1990		3.50-6.35	,
Upper St. Clair Tp. Sch. Auth., Pa.	Rev	1.5	1993		6.50	
Memphis, Tenn.	Rev	25.0	1983-2001	6.41	4.75-6.70	Aa
Phoenix, Ariz.	G.O.	14.0	1980-1990	5.50	4.40-5.95	Aa
Denver, Colo.	Rev	1.9	1979-1986	8.17	5.50-7.00	A
Denver, Colo.	Rev	12.8	2000	8.17	8.00	A
Maine Municipal Bond Bank	Rev	27.5	1977-2001	6.62	4.15-7.00	Aa
San Antonio, Texas	Rev	60.0	1977-1999	6.27	3.60-6.70	Aa
Baltimore Co., Md.	G.O.	30.0	1978-2006	5.59	4.00-6.70	Aa
Minneapolis Sch. Dist. #1 Minn.	G.O.	14.5	1977-1991	5.37	3.30-5.75	Aaa
Illinois Health Fac. Auth.	Rev	10.2	1979-1988	7.79	5.40-7.25	A-1
Illinois Health Fac. Auth.	Rev	4.8	1992	7.79	7.50	A-1
Illinois Health Fac. Auth. Illinois Health Fac. Auth.	Rev Rev	14.5 4.9	2004 2008	7.79 7.79	7.88 7.90	A-1 A-1

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

Table 5B Continued

INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

OTHER THAN U.S. TREASURY

March 1, thru March 19, 1976

ISSUER	TYPE	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	NET INTEREST COST	OFFERING YIELD	MOODY'S RATING
STATE AND LOCAL				3		
Columbus, Ohio	g.o.	16.0	1978-2002	6.11	4.00-6.50	Aa
Dhio, State of	G.O.	100.0	1977-2001	6.90	3.75-7.25	Aa
Kansas City, Kansas	Rev	9.8	1981-1996	6.70	4.80-6.40	Aa
Kansas City, Kansas	Rev	15.2	2006	6.70	6.90	Aa
Georgia, State of	G.O.	27.3	1977-1996	5.55	3.25-6.15	Aaa
Massachusetts, State of	G.O.	535.0	2001	9.05	9.00	A-1
New Mexico State Univ.	Rev	7.5	1986		4.20-6.20	
New Mexico State Univ.	Rev.	17.6	· 1977-1997		4.50-7.00	
Albuquerque Mun. Sch. Dist., N.M.	G.O.	10.8	1977-1981		3.70-4.60	
incoln, Neb.	Rev	5.7	1978-1998	7.33	4.25-6.90	A-1
Lincoln, Neb.	Rev	11.9	1978-1998	7.33	4.30-7.00	A-1
Lincoln, Neb.	Rev	9.7	2011	7.33	7.38	A-1
Lincoln, Neb.	Rev	20.9	2011	7.33	7.50	A-1
North Hempstead, N.Y.	G.O.	16.4	1977-2007	5.66	3.30-6.25	A-1
Ocala, Fla.	Rev	10.0	1979-2005	6.89	4.50-7.00	A-1
Valtham, Mass.	G.O.	11.5	1977-1990	5.58	3.90-6.20	Aa
Connecticut, State of	G.O.	100.0	1977-1996	6.24	3.80-6.75	A-1
Alabama, State of	G.O.	15.0	1977-1991	5.09	3.25-5.60	Aa
Pennsylvania, State of	G.O.	110.0	1976-1995	6.32	3.25-7.05	A-1
Minnetonka, Minn.	G.O.	10.9	1978-1990	6.15	4.25-6.30	A
Dade Co., Fla.	G.O.	46.0	1977-2001	6.63	3.70-7.10	A-1
Kalamazoo Hospital Fin. Auth., Mich.	Rev	4.3	1977-1987		5.00-7.00	A-1
Kalamazoo Hospital Fin. Auth., Mich.	Rev	7.4	1996		7.70	A-1

Table 64

FORTHCOMING INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

OTHER THAN U.S. TREASURY 1

as of March 19, 1976

ISSUER	ТҮРЕ	AMOUNT (IN MILLIONS OF DOLLARS)	APPROXIMATE DATE OF OFFERING
CORPORATE			
Browning Ferris Industries	Notes	40.0	March 22
Smith International Inc.	Com stk	30.5	March 22
Iowa Illinois Gas & Electric Co.	Pfd stk	15.0	March 23
El Paso Co.	Gvt gtr	40.0	March 23
Williams Cos.	SF debt	100.0	March 24
Southern Ry	Equip tr	17.4	March 24
Alabama Power Co.	1st mtge	50.0	March 24
Iowa Illinois Gas & Elect.	1st mtge	20.0	March 24
Portland General Electric	1st mtge	60.0	March 25
Portland General Electric	Pfd stk	25.0	March 25
Greyhound Leasing & Financial Corp.	Notes	50.0	March 25
Southern Co.	Com stk	150.0	March 25
Houston Lighting & Power	Pfd stk	40.0	March 25
Honeywell Finance Inc.	Notes	75.0	March 25
Hawaiian Tele. Co.	1st mtge	35.0	March 30
Atchison & Topeka Santa Fe Ry	Equip tr	15.0	March 30
Pennsylvania Power & Light Co.	Com stk	75.0	March 30
Inland Steel Co.	Com stk	75.0	March 31
Pacific Gas & Electric Co.	Pfd stk	100.0	March 31
Big Three Industries	Com stk	58.8	March
D. H. Baldwin	Notes	15.0	March
Texas Eastern Transmission Corp.	Pfd stk	40.0	March
Appalachian Power Co.	1st mtge	60.0	April 2
Ohio Edison	Com stk	71.0	April 6
Chesapeake & Ohio Ry	Equip tr	15.0	April 6
General Motors Accept. Corp.	Notes	150.0	April 7
Southwestern Electric Pwr.	1st mtge	45.0	April 9
Minnesota Power & Light	Com stk	15.0	April 13
Boston Edison	Pfd stk	35.0	April 13
Pennsylvania Elect. Co.	1st mtge	60.0	April 13
Northern Indiana Public Svc.	Com stk	40.0	April 14
Capital Financial Services Inc.	Notes	25.0	April 15
Central Illinois Light	1st mtge	40.0	April 20
Southern Bell Tele.	Debt	450.0	April 20
Philadelphia Electric Co.	Pfd stk	50.0	April 22
Northern States Power Co.	Com stk	60.0	April 27
Arvin Industries	Pfd stk	21.3	April
Bucyrus Erie Co.	Notes	50.0	April

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

Table 6A Continued

FORTHCOMING INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

OTHER THAN U.S. TREASURY 1

as of March 19, 1976

ISSUER	TYPE	AMOUNT (IN MILLIONS OF DOLLARS)	APPROXIMATE DATE OF OFFERING
CORPORATE	1		
Hospital Corp. of America	Com stk	21.3	April
*Borg Warner Acceptance	Notes	50.0	April
*American Hoist	Com stk	16.5	April
Hertz Corp.	SF debt	50.0	April
Public Service Electric & Gas Co.	1st mtge	60.0	INDEF
CIT Financial	Debt	75.0	INDEF
CIT Financial	Debt	100.0	INDEF
Reliance Group Inc.	Pfd stk	50.0	INDEF
Other			
Bell Canada	Debt	175.0	March 24
*European Investment Bank	Notes	100.0	March 24
Societe Nationale de Chemins	Notes	100.0	INDEF

Table 6B

FORTHCOMING INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

OTHER THAN U.S. TREASURY 1

as of March 19, 1976

ISSUER	ТҮРЕ	AMOUNT (IN MILLIONS OF DOLLARS)	APPROXIMATE DATE OF OFFERING
STATE & LOCAL			
Glendale Union High Sch. Dist.,			
Ariz. Dallas Co. Comm. College Dist.,	G.O.	10.0	March 22
Texas	G.O.	15.0	March 23
Farmington, N.M.	Rev	25.0	March 23
Washington, State of	G.O.	57.0	March 23
Chicago Park Dist., Ill.	G.O.	15.0	March 23
St. Petersburg, Fla.	Rev	20.0	March 24
Albany Co., N.Y.	G.O.	70.0	March 25
*Allegheny Co. Indust. Dev. Auth.,			
Pa.	Rev	15.5	March 25
*Ohio Water Dev. Auth.	Rev	10.0	March 25
Nebraska Pub. Power Dist.	Rev	125.0	March 25
Albuquerque, N.M.	G.O.	19.3	March 29
Valdez, Alaska	G.O.	13.6	March 29
California, State of	G.O.	100.0	March 30
Kansas, State of	Rev	50.0	March 31
Texas, State of	G.O.	35.0	April 5
Maine, State of	G.O.	19.0	April 6
South Carolina Pub. Service Auth.	Rev	100.0	April 6
Wichita Unified Sch. Dist., #529	1		
Kans.	G.O.	15.0	April 7
Wilmington, Del.	G.O.	12.5	April 8
Deer Park Ind. Sch. Dist., Texas	G.O.	13.5	April 12
Milwaukee Co., Wisc.	G.O.	11.8	April 13
Ohio, State of	G.O.	45.0	April 13
Oregon, State of	G.O.	125.0	April 13
	ŀ		

¹ Includes state and local government issues of \$10 million and over, foreign government, Internetional Bank for Reconstruction issues of Federally sponsored agencies; excludes secondary offerings.

Included in the table for the first time.

DATE			STOCK PRICES	1	TRADING VOLUME 2				
	NYSE INDEX	BJ INDUSTRIALS	AMEX 4	NASDAQ	NYSE	AMEX	NASDAQ		
1973 - High	65.48 (1/11)	1051.50 (1/11)	130.47 (1/11)	136.84 (1/11)	26.0 (9/20)	5.5 (1/12)	11.3 (1/11)		
Low	49.12 (12/13)	788.31 (12/5)	85.26 (12/20)	89.12 (12/13)	9.0 (8/20)	1.4 (8/20)	3.5 (8/27)		
1974 - High	53.37 (3/13)	891.66 (3/13)	102.01 (3/14)	96.53 (3/15)	24.9 (1/3)	4.4 (1/3)	7.5 (1/3)		
Low	32.89 (10/3)	577.60 (12/6)	58.26 (12/9)	54.87 (10/3)	7.5 (7/5)	.9 (9/26)	2.8 (7/5)		
1975 - High	51.24 (7/15)	881.81 (7/15)	96.86 (7/15)	88.00 (7/15)	35.2 (2/13)	4.2 (2/21)	8.1 (2/13)		
Low	37.16 (1/8)	632.04 (1/2)	62.20 (1/2)	60.70 (1/2)	8.7 (9/15)	1.1 (9/15)	2.5 (9/15)		
1976 - High	54.62 (2/24)	1,003.31 (3/11)	105.30 (3/11)	92.09 (2/25)	44.5 (2/20)	8.6 (2/20)	11.1 (2/20)		
Low	48.04 (1/2)	858.71 (1/2)	84.31 (1/2)	78.06 (1/2)	10.3 (1/2)	1.1 (1/2)	3.5 (1/2)		
1976 Jan. 2 9 16 23 30	48.04 50.29 51.41 52.59 53.55	858.71 911.05 929.63 953.95 975.28	84.31 88.82 92.05 94.17 96.84	78.06 82.31 84.30 85.26 87.05	15.1 28.9 31.9 32.3 32.4	2.4 2.7 2.9 3.4 3.7	5.9 6.7 7.5 8.1 7.8		
Feb. 6	52.97	954.90	97.16	87.25	31.5	3.7	8.7		
13	53.27	958.36	99.54	88.96	27.6	3.5	7.2		
20	54.61	987.80	103.91	91.02	34.8	6.4	9.2		
27	53.35	972.61	103.37	90.25	32.4	5.7	8.9		
Mar. 5	53.05	972.92	103.65	89.47	24.1	4.0	7.2		
12	53.91	987.64	104.48	90.99	27.2r	4.0r	7.6r		
19	53.76	979.69	103.37	89.54	22.2	3.4	7.1		

- 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 delly figures (millions of shares).
- 3 12/31/65 = 5
- Based on average price change until September 4, 1973 thereefter, based on market value of shares listed

Table 8
SECURITY CREDIT

	REGULATED	MARGIN CREDIT E	XTENDED BY	
END OF PERIOD	BROKERS ON ¹ MARGIN STOCK	BROKERS ON ² CONVERTIBLE BONDS	BANKS	UNREGULATED NONMARGIN STOCK CREDIT AT BANKS
OUTSTANDING				
1975 - Jan.	3,950	134	848	1,919
Feb.	4,130	136	830	1,897
Mar.	4,180	134	844	1,882
Apr.	4,360	138	824	1,885
May	4,700	140	819	1,883
June	4,990	146	844	2,434
Ju1y	5,300	143	820	2,387
Aug.	5,220	142	832	2,457
Sept.	5,250	145	852	2,520
Oct.	5,300	144	1,007	2,311
Nov.	5,370	146	1,008	2,270
Dec.	5,390	147	960	2,281
1976 - Jan.	5,420	146	1,000	2,321
Feb.	5,950			*
	1			
				,
HANGE IN OUTSTANDING	•		¥*	
1975 - Jan.	110	-3	-8	-145
Feb.	180	2	-18	-22
Mar.	50	-2	14	-15
Apr.	180	4	-20	-3
May	340	2	-5	-2
June	290	6	25	551
July .	310	-3	-24	-47
Aug.	-80	-1	12	70
Sept.	30	3	20	63
Oct.	50	-1	155	-209
Nov.	70	2	1	-41
Dec.	20	1	-48	11 .,
1976 - Jan.	30	-1	40	40
Feb.	530		1	
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- 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 Nonmergin 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 nonmergin stocks are unregulated; at brokers, such stocks have no value.

SAVINGS FLOWS AT NONBANK THRIFT INSTITUTIONS
IN MILLIONS OF DOLLARS

	MUTU	AL SAVINGS B	ANKS	SAVINGS	& LOAN ASSO	CIATIONS		TOTAL			
DATE	REGULAR	DEPOSITS 1	NET 2	SHARE	CAPITAL	NET 2	DEP	оѕітѕ	NET 2		
DATE	NET FLOW	ANNUAL 3 GROWTH RATE	NEW MONEY	NET FLOW	ANNUAL 3 GROWTH RATE	NEW MONEY	NET FLOW	ANNUAL 3 GROWTH RATE	NEW MONEY		
1971	9,621	13.5	5,378	27,793	19.0	20,653	37,414	17.2	26,331		
1972	10,067	12.4	5,451	32,567	18.7	23,884	42,634	16.7	29,335		
1973	4,815	5.3	-442	20,237	9.8	10,507	25,052	8.4	10,062		
1974	2,909	3.0	-2,822	16,053	7.0	4,668	18,962	5.8	1,846		
1975p	10,960	11.2	4,754	43,118	17.7	29,276	54,078	15.8	34,030		
				-		-	•				
1974 - September	319		-689	1,425		-1,068	1,744		-1,757		
October	-74		-260	438		312	364		52		
November	449		236	1,226		1,091	1,675		1,327		
December	1,053		-37	3,393		571	4,446	'	534		
1975 - September	785		-338	3,698		631	4,483		293		
October	348		131	2,264		2,086					
November	765		549	2,246		2,000	2,612		2,217		
December p/	1,284		111	4,329		946	3,011		2,621		
December D	1,204		111	1	NALLY ADJUST		5,613		1,057		
1975 - January	405	4.9		2,351	11.5	•	2 756				
February	713	8.7		3,005	14.6		2,756	9.6 12.9			
March	1,149	13.8		3,864	18.6		3,718				
April	955	11.4		3,712	17.6		5,013	17.2			
May	1,295	15.3		4,237	19.8		4,667	15.8			
June	1,369	16.0					5,532	18.5			
July	1,190	13.7		4,395	20.2		5,764	19.0			
July	1,190	13./		4,774	21.5		5,964	19.3			
	1			1							

- 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.

Digitized for RASER 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	NKS	SAVINGS	& LOAN ASSO	CIATIONS		TOTAL			
	REGULAR	DEPOSITS 1	NET 2	SHARE	CAPITAL	NET 2	DEP	osits	NET		
DATE	NET TEN	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 December	1,044 802 731 772 523	11.9 9.0 8.2 8.6 5.8	·	3,933 3,682 3,334 3,125 2,923	17.4 16.1 14.4 13.3 12.3	 	4,977 4,484 4,065 3,897 3,446	15.9 14.1 12.6 12.0 10.5			
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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 not of both withdrawels 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.

MORTGAGE COMMITMENTS AT SELECTED THRIFT INSTITUTIONS

BILLIONS OF DOLLARS, SEASONALLY ADJUSTED

	OUTS	TANDING COMM	ITMENTS	NET CHANGE					
PERIOD	TOTAL	ALL SAVINGS & LOAN ASSOCIATIONS	MUTUAL SAVINGS BKS (N.Y. STATE)	TOTAL	ALL SAVINGS & LOAN ASSOCIATIONS	MUTUAL SAVINGS BKS (N.Y. STATE)			
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	6 ó	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.	19.9	17.8	2.1	14	05	09			
Nov.	20.0	18.0	2.0	.05	.12	07			
Dec.	20.2	18.2	2.0	.31	.25	06			
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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 totale scause of rounding.

Table 11

NET NEW MONEY BORROWINGS BY MAJOR HOUSING AGENCIES

IN MILLIONS OF DOLLARS

	TOTAL	INTE	RMEDIATE AND	LONG-TERM IS	SUES	FNMA & FHLB
PERIOD	INCLUDING SHORT-TERM DISCOUNT NOTES	TOTAL	FHLB	FHLMC	FNMA	SHORT-TERM DISCOUNT NOTES 1/
1973 - July	+1,475	+1,528	+998		+530	-53
Aug.	+1,693	+1,349	+1,349			+344
Sept.	+1,910	+1,850	+1,500		+350	+60
Oct.	+1,946	+1,950	+1,300		+650	-4
Nov.	+11	-150		-150		+161
Dec.	+598	+256			+256	+342
1974 - Jan.	-671	-756	-800		+44	+85
Feb.	-695	-657	-657			-38
Mar.	+424	+450			+450	-26
Apr.	+508	-4	-4			+512
May	+1,442	+992	+992			+450
June	+2,699	+2,250	+1,500		+750	+449
July	+1,804	+1,499	+1,000		+499	+305
Aug.	+878	+200	+400	-200		+678
Sept.	+2,768	÷2,750	+1,700		+1,050	+18
Oct. /	+1,665	+1,599	+1,499		+100	+66
Nov.	-89	+93	-217		+310	-182
Dec.	+507	+961	+470		+491	-454
1975 - Jan.	-242	- 5	-4		-1	-237
Feb.	~659	-254	-554	+300	0	-405
Mar.	+440	+689	-11	0	+700	-249
Apr.	0	+69	-30	-1	+100	-69
May	-1,568	-1,279	-1,279	0	0	-289
June	+330	+600	0	0	+600	-270
July	+236	+300	0	0	+300	-64
Aug.	-398	-700	-700	0	. 0	302
Sept.	215	100	0	0	100	115
Oct.	587	850	+150	0	700	-263
Nov.	152	200	0 -	200	0	-48
Dec. p	669	600	0	0	, 600	69
1976 - Jan. p	-154	0	0	0	0	-154
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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

			CNMA				
PERIOD	TOTAL INCLUDING FNMA-GNMA	TOTAL	COMMERCIAL BANKS	MSB's	S & L's	INSURANCE COMPANIES	FNMA-GNM
			Not Sea	sonally Ac	justea		
	ŀ		0.460	1,845	10,254	2,348	4,909
L970	21,736	16,827	2,462	3,938	23,919	1,221	2,388
1971	41,647	39,259	9,940	5,377	31,932	1,452	2,026
1972	57,587	55,561	16,800		25,552	4,278	3,300
1973	58,372	55,072	19,600	5,642	17,578	5,078	6,222
1974	42,748	36,526	11,700	2,170	17,576	5,070	0,222
1974					426	268	451
1975 - Jan.	1,211	760	0	66	1,109	403	74
Feb.	1,486	1,412	-200	100		258	387
Mar.	2,329	1,942	. 0	70	1,614	451	190
Apr.	3,458	3,268	400	132	2,285		57
- •	3,966	3,909	200	181	3,184	244	42
May	4,343	4,301	400	323	3,425	153	1
June	4,493	3,783	200	334	3,122	127	710
July	4,435	3,937	300	213	3,259	165	498
Aug.	4,377	3,620	500	119	2,883	118	757
Sept.		4,132	700	226	2,996	210	649
Oct.	4,781	2,918	200	200	2,323	195	366
Nov.	3,284		200	272	2,785	508	658
Dec.	4,423	3,765	200	-,-			ì
			Seasona	11y Adjus	ted		
	1			170	1,154	335	506
1975 - Jan.	2,512	2,006	347	170	1,646	556	199
Feb.	2,727	2,528	84	242	1,411	397	561
Mar.	2,469	1,908	53	47		563	391
Apr.	3,519	3,128	384	166	2,015	356	181
May	3,388	3,207	- 67	149	2,769		65
June	3,146	3,081	67	193	2,655	166	522
	3,851	3,329	175	269	2,751	134	
July	3,412	3,186	31	167	2,836	152	226
Aug.	4,281	3,730	349	175	3,069	137	551
Sept.		4,706	736	281	3,486	203	529
Oct.	5,235	3,425	310	189	2,798	128	341
Nov.	3,766	3,424	435	192	2,826	- 29	740
Dec.	4,164	3,424	,,,,		•		
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NOTES:

Digitized these groups accounted for 83 per cent of the net increase estimated for all holders in 1974. DIGITIZED TO PRASER

1. Beginning January 1972 data reflect activity in limited amount of conventional mortgages.

http://fraser.strouisred.org/

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,

NET INCREASE IN MORTGAGE DEBT OUTSTANDING

IN BILLIONS OF DOLLARS, SEASONALLY ADJUSTED ANNUAL RATES

	1 2	?[RESIDENTIAL		3	MULTIFAMILY	
QUARTER	TOTAL	TOTAL	1- to 4- FAMILY	MULTI- FAMILY	COMMERCIAL	& COMMERCIAL	FARM
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
111	52.2	32.2	25.5	6.7	14.2	20.9	5.7
IV	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
	1	*			[

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- 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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Table 14

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

IN THOUSANDS OF UNITS, SEASONALLY ADJUSTED ANNUAL RATES

	L	PERMITS			STARTS			COMPLETION	S	MOBILE
PERIOD	TOTAL	1-FAMILY	2-OR MORE FAMILY	TOTAL	1-FAMILY	2-OR MORE FAMILY	TOTAL	1-FAMILY	2-OR MORE FAMILY	HOME SHIPMENT
1969	1 22/	(0)								
1970	1,324	626	698	1,467	811	656	1,399	808	592	413
	1,352	. 647	705	1,434	813	621	1,418	802	617	401
1971	1,925	906	1,018	2,052	1,151	901	1,706	1,014	692	497
1972	2,219	1,033	1,186	2,357	1,309	1,048	1,972	1,143	828	576
1973	1,820	882	937	2,045	1,132	914	2,014	1,174	840	567
1974	1,074	644	431	1,388	888	450	1,692	932	760	329
1975	924	668	257	1,161	893	269	1,296	866	430	216
1975 - Jan.	689	508	182	1,005	748	257	1,547	959	588	185
Feb.	701	515	186	953	722	231	1,350	793	557	219
Mar.	677	503	173	986	763	223	1,314	757	557	199
Apr.	837	603	234	982	774	208	1,244	782	462	194
May	912	658	254	1,085	853	232	1,269	827	442	224
June	949	679	270	1,080	874	206	1,202	808	394	210
July	1,042	711		1,207	916	291	1,261	882	379	225
Aug.	995	732	331 263	1,264	979	285	1,267	880	379 387	225
Sept.	1,095	779	316	1,304	966	338	1,315	969	367 346	235
Oct.	1,079	769	310	1,431	1,093	338	1,115			
Nov.	1,085	787	298	1,381	1,048	333		738 992	377 394	229
Dec.	1,028	766	262	1,283	962	321	1,386			232 228
				1,203	902	321	1,313	983	330	220
1976 - Jan.	1,120.	828	293	1,224	950	274	1,176	903	273	263
Feb.	1,127	860	267	1,555	1,303	252	-,170	703	2/3	203
			- [

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 it inte; however, all such units are considered completed when more than half of the units in the structure are ready for use. Private mobils home shipments are Mobile Home Manufacturers Association data converted to seasonally adjusted. Census Bureau.

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

Federal Reserve Bank of St. Louis

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AVERAGE RATES AND YIELDS ON HOME MORTGAGES

			ONAL LOANS Y MARKET			A) INSURED		SPREAD BETWEEN		
	NEW HOMES		EXISTING	EXISTING HOMES		NEW HOMES	3	RETURNS ON CONVENTIONAL	NEW Ass	
PERIOD	RATE (IN PER CENT)	SPREAD (BASIS POINTS)	RATE (IN PER CENT)	SPREAD (BASIS POINTS)	1 YIELD (IN PER CENT)	SPREAD (BASIS POINTS)	DISCOUNT (PERCENTAGE POINTS)	AND HUD(FHA) NEW HOME		
1974 - High	9.80	45	9.80	50	10.38	44	6.3	1	10.46	
Low	8.55	-70	8.60	-70	8.54	-25	2.3	-70	8.10	
1975 - High	9.25	15	9.30	20	9.74	31	6.2	21	9.70	
Low	8.90	~70	8.95	-65	8.69	-91	2.4	-49	8.94	
1975 - Oct.	9.25	3	9.30	8	9.53	31	4.0	-28	9.22	
Nov.	9.20	n.a.	9.25	n.a.	9.41	n.a.	3.1	-21	n.a.	
Dec.	9.15	n.a.	9.20	n.a.	9.32	n.a.	2.4	17	n.a.	
1976 - Jan.	9.05	39	9.10	44	9.06	40	2.2	- 1	8.66	
					}				1	
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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.

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.

FNMA AUCTION RESULTS HOME MORTGAGE COMMITMENTS

		GOVER		CONVENTIONAL							
DATE OF AUCTION			OUNT OF DOLLARS)		RAGE ELD	(IN M	AMO	UNT OF D	OLLARS)	AVER. YIEI	
		OFFERED	ACCEPTED	1		OFF	ÉRED	ACC	CEPTED	.,_	
1975 - High		6/3 (0/25)	2664 (0/11)	0.05	. 0./00\						
Low		25 (2/10)	366' (8/11) 18 (2/10)	8.78	(2/10)	100	(4//) (10/20)		(4/21) (2/10)	10.02 8.96	(9/22 (3/10
1975 - 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.		9.40	٠,
Dec.	1	255.9	138.5	9.32		73.9		40.	5	9.38	
	15	287.1	158.8	9.31	ı	69.7		31.	-	9.36	
	29	95.3		9.29		41.8		11.		9.35	
1976 - Jan.	12	58.4		9.13		42.7		32.	1	9.28	
	26	103.9	57.7	9.07		33.4		24.		9.22	
Feb.	9	252.2		9.07	1	57.8		36.	9	9.17	
	23	126.9	81.2	9.04	1	44.0		23.3		9.14	
Mar.	8	299.9	171.9	9.06	ł	75.4		45.0)	9.15	
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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.