

# Capital Market Developments

June 21, 1976

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

DIVISION OF RESEARCH AND STATISTICS

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

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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 <sup>2</sup> OFFERED Aaa UTILITY	GROSS 3 OFFERINGS (\$ MILLIONS)	PER CENT SOLD BY END OF WEEK	NEW ISSUES 4 IN SYNDICATE (\$ MILLIONS)	
.976 - Apr. 2	8.60	8.54	345	96	46	
. 9		8.50	252	98	10	
16	8.42	8.44	390	96	41	
23	8.38	8.54	1,157	89	98	
30	8.58	8.57	387	85	151	
May 7	8.68	8.62	401	89	110	
14	8.82	8.78	147	92	65	
21	8.82	8.83	910	90	70	
28	8.95	8.84	636	87	135	
June 4 11	8.83 8.71r	8.80 8.76r	325 <b>728</b>	98 96	10 30	
. 18	8.69p	8.72p	472	92	60p	

			MUN	UNICIPAL BOND MARKET					
		YIE	LDS	VOLUME					
WEEK EN	DING	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 - Apr.	2	5.77	6.69	490	82	134			
	9	5.74	6.65	502	78	158			
	16	5.63	6.54	514	93	97			
	23	5.63	6.55	543	85	139			
	30	5.63	6.55	523	84	136			
May	7	5.75	6.71	390	73	137			
	14	5.85	6.83	1,050	80	236			
	21	5.92	6.91	841	90	175			
	28	6.00	7.03	946	78	249			
June	4	5.90	6.89	590	87	199			
	11	5.85	6.86	773	82	223			
	18	5.83	6.85	752	87	201			

#### 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.

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DATE	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
1972 - High	7.60 (4.21)	7.49 (4/21)	7.36 (4/28)	6.19 (4/14)	6.54 (4/13)
Low	6.99 (11/24)	7.15 (12/1)	7.05 (2/12)	5.74 (11/17)	4.96 (10/21
1973 - High	8.52 (8/10)	8.32 (8/10)	7.77 (8/24)	7.79 (8/10)	5.59 (8/3)
Low	7.29 (1/21)	7.28 (1/5)	7.11 (1/5)	6.42 (1/5)	4.99 (10/11
1974 - High	10.61 (10/4)	10.52 (10/11)	9.39 (10/11)	8.68 (8/30)	7.15 (12/12
Low	8.05 (2/15)	8.13 (1/4)	7.73 (1/4)	7.39 (1/4)	5.16 (2/7)
1975 - High	9.80 (5/2)	9.71 (5/25)	9.01 (5/2)	8.63 (9/19)	7.67 (10/3)
Low	8.89 (2/7)	9.06 (2/28)	8.57 (2/28)	7.63 (2/21)	6.27 (2/13)
1976 - High	8.95 (5/28)	9.10 (1/2)	8.66 (5/28)	8.17 (5/28)	7.29 (1/2)
Low	8.38 (4/23)	8.44 (4/16)	8.36 (4/23)	7.80 (4/23)	6.54 (4/16)
1976 - May 7	8.68	8.62	8.48	8:03	6.71
14	8.82	8.78	8.56	8.15	6.83
21	8.82	8.83	8.62	8.16	6.91
28	8.95	8.84	8.66	8.17	7.03
June 4	8.83	8.80	8.63	8.08	6.89
11	8.71r	8.76r	8.63	8.04r	6.86
18	8.69p	8.72p	8.62p	8.02p	6.85

- 1 Federal Reserve series of implied yield on newly issued, Aaa-med utility bond with 5-year call protection.
- 2 Federal Reserve series of implied free-market yield on comps....vely bid Ass-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.
- Weekly average of daily figures, U.S. Treasury data.
- Thursday figures. The average rating of the 20 bonds used in this index falls midway between the four top groups as classified by Moody's Investors Service. Weekly Bond Buyer data.

#### Table 3

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

IN MILLIONS OF DOLLARS

	GROSS PROCEEDS									
PERIOD		CORPORATE		1	STATE AND LO	CAL				
	1976	1975	1974	1976	1975	1974				
January	3,297	5,384	3,328	2,344	/ 2,361	2,255				
February	3,764	4,528	2,687	2,679	2,387	2,233				
March	-	5,378	3,217	3,321	2,135	2,003				
April		4,294	3,060	2,354	2,406	2,397				
May		5,798	3,164	_,,,,,	2,400	2,397				
June		5,615	2,981		3,064	2,166				
July		4,327	3,248		3,580	1,459				
August		2,398	2,667	1	2,783	1,106				
September		2,834	1,617		2,159	1,701				
October		4,707	4,609		2,323	2,860				
November		4,070	3,739	İ	2,381	2,483				
December		4,305	3,511		2,052	1,479				
Q1		15,290	9,232	8,344	6,883	6,283				
Q2		15,707	9,205	,,,,,,	8,370	6,867				
23		9,559	7,532	1	8,522	4,266				
Q4		13,082	11,859	ĺ	6,756	6,822				
ist Half	:	30,997	18,437		15,253	13,150				
3 Qtrs.		40,556	25,969	1.	23,775	17,416				
Year . I		53,638	37,828		30,531	24,238				
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- 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		MEMO				
	TOTAL	PUBLICLY	PRIVATELY	AND PREFERRED	ISSUES	INCLUDED	MANUFAC- TURING	PUBLIC UTILITY	COMMUNI- CATIONS	OTHER ISSUERS
	1	OFFERED	PLACED	STOCK	FOREIGN	CONVERTIBLE	TORING	UTILITY	CATIONS	ISSUENS
1975 - I	15,290	10,849	2,350	2,091	1,255	1	6,077	4,735	1,382	3,099
II	15,707	10,510	1,595	3,602	1,035	656	6,699	4,407	1,190	3,412
III	9,559	5,428	2,076	2,054	1,225	463	2,450	3,324	679	3,105
IV	13,082	5,816	4,136	3,131	1,902	215	3,468	3,421	1,215	4,979
1976 - 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	5,615	3,943	670	1,002	425	211	2,318	1,478	362	1,457
July	4,327	2,658	1,014	654	925	425	1,120	1,039	270	1,897
Aug.	2,398	1,356	479	563			711	1,024	112	551
Sept.	2,834	1,414	583	837	300	38	619	1,261	297	65
Oct.	4,707	2,389	771	1,547	102	61	952	1,247	928	1,58
Nov.	4,070	1,666	1,617	787	825		1,103	1,272	55	1,64
Dec.	4,305	1,761	1,748	797	975	154	1,414	902	232	1,75
1976 - Jan.	3,297	2,189	538	570	605	121	1,020	1,087	16	1,17
Feb.	3,764	2,142	695	927	335	15	1,139	789	171	1,66
	1				1					
							1			

<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 1

June 1, thru June 18, 1976

ISSUER	ТҮРЕ	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	COUPON RATE	OFFERING YIELD	MOODY'S RATING
CORPORATE						
Mational Mine Svc. Co.	Com stk	15.1				
Public Service New Mexico	Pfd stk	20.0		9.16	9.16	
Torthern States Power Co.	Com stk	48.0		<b></b>		
Arkansas Louisiana Gas	1st mtge	25.0	1996	9.30	9.30	A/A+
ennsylvania Elect. Co.	1st mtge	60.0	2006	9.75	9.85	A/BBB
Florida Power & Light	1st mtge	125.0	2006	9.38	9.22	A A
Browning Ferris Industries	Notes	40.0	1996	10.25	10.25	Baa/BB
íasco Corp.	Debt	75.0	2001	8.88	8.93	A A
Pennsylvania P&L	Pfd stk	75.0		9.24	9.24	A/A
Central Illinois Pub. Svc. Co.	Com stk	31.3				
New York Tele.	1st mtge	200.0	2016	8.63	8.68	Aaa
General Motors Accept. Corp.	Debt	200.0	2001	8.75	8.78	Aaa/AA
General Motors Accept. Corp.	Notes	100.0	1986	8.13	8.16	Aaa/AA
Cerr-McGee Corp.	SF debt	125.0	2006	8.50	8.57	Aa
Northwest Pipeline Corp.	SF debt	35.0	2001	10.25	10.25	Baa/BB
General Tele. of Ohio	1st mtge	40.0	2006	9.00	9.07	A
Beneficial Corp.	Debt	150.0	2001	8.00	8.00	Aa
Chrysler Fin. Corp.	Notes	125.0	1981	10.00	10.00	Baa/BB
T Credit Corp.	Notes	50.0	1986	8.63	8.70	
Rochester Gas & Elect.	1st mtge	50.0	2006	9.25	9.15	A A
Chesapeake & Ohio Ry	Equip tr	15.0	1977-1991	8.25	8.25	A Aa
Otomac Edison	1st mtge	25.0	2006	9.25	9.25	Aa A

- 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

June 1, thru June 18, 1976

ISSUER	ТҮРЕ	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	COUPON RATE	OFFERING YIELD	MOODY'S RATING
CORPORATE						
TT Financial Corp. Otomac Edison TT&T Ouisville Gas & Electric Co.	Debt Pfd stk Com stk Pfd stk	50.0 15.2 658.5 25.0	1996	9.63 9.64  8.72	9.63 9.50  8.72	A   Aa/A
Onless						
uebec, Province of	SF debt	100.0	2001	9,50	9.50	Aa
						•

Table 5B

## INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

### OTHER THAN U.S. TREASURY 1

June 1, thru June 18, 1976

ISSUER	TYPE	2 AMOUNT (MILLIONS OF DOLLARS)	MATURITY	NET INTEREST COST	OFFERING YIELD	MOODY'S
STATE AND LOCAL						
Cexas City, Texas	G.O.	10.0	1978-1996	5.98	4.00-6.40	A-1
rirginia, State of	G.O.	19.5	1977-1996	5.25	3.25-5.70	Aaa
Pennsylvania, State of	G.O.	137.0	1976-1995	6.28	3.40-7.10	A-1
farshfield, Wisc.	Rev	14.6	1979-1991		5.00-7.25	Α
Marshfield, Wisc.	Rev	17.4	2006		8.00	A
New York State Dormitory Auth.	Rev	4.8	1978-1991	6.66	4.00-6.00	Aaa
New York State Dormitory Auth.	Rev	2.3	1995	6.66	6.25	Aaa
New York State Dormitory Auth.	Rev	11.4	2007	6.66	6.75	Aaa
Washington Pub. Power Supply System	Rev	27.8	1982-1998	6.64	4.70-6.25	Aaa
Vashington Pub. Power Supply System	Rev	42.3	2006	6.64	6.68	Aaa
Vashington Pub. Power Supply System	Rev	49.9	2012	6.64	6.75	Aaa
Illinois Health Fac. Auth.	Rev	19.0	1980-1994	7.40	5.00-7.25	Aa
Illinois Health Fac. Auth.	Rev	26.7	2004	7.40	7.50	A,a.
Illinois Health Fac. Auth.	Rev	8.3	2006	7.40	7.59	Aa
East Chicago, Ind.	Rev	5.0	1986	8.47	7.00	Baa
East Chicago, Ind.	Rev	17.0	2006	8.47	8,50	Baa
Ohio, State of	Rev	12.5	1979-2003	6.74	5.00-6.90	A
St. Clair Co., Mich.	, Rev	4.8	1981-1986	8.13	5.50-6.75	Baa
St. Clair Co., Mich.	Rev	23.7	1996	8.13	8.13	Baa
faryland, State of	G.O.	175.0	1979-1991	5.48	4.25-6.00	Aaa
Sheboygan, Wisc.	G.O.	16.0	1977-1987	5.26	3.75-5,50	Aa
Detroit, Mich.	G.O.	16.5	1976-1990	9.78	6.75-9.50	Baa
Hawaii, State of	G.O.	75.0	1979-1996	5.95	4.40-6.60	Aa

- 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.

### Table 5B Continued

# INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

### OTHER THAN U.S. TREASURY

June 1, thru June 18, 1976

ISSUER	ТҮРЕ	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	NET INTEREST COST	OFFERING YIELD	MOODY'S RATING
STATE AND LOCAL						
ort of Seattle, Wash.	G.O.	10.3	1978-1996	6.01	4.00-6.40	Aa
ockland Co., N.Y.	G.O.	12.0	1977-1994	7.48	5.00-7.60	A-1
naheim, Cal.	Rev	12.5	1977-1980	4.83	4.00-4.90	A-1
entura Co. Pub. Fac. Corp., Cal.	Rev	31.0	1979-2002	6.83	4.75-7.00	A-1
isconsin, State of	G.O.	120.0	1977-2006	5.26	3.20-6.00	Aaa
lount Lebanon Hosp. Auth., Pa.	Rev	6.4	1980-1991	8.01	5.25-7.50	Α
Mount Lebanon Hosp. Auth., Pa.	Rev	4.6	1996	8.01	7.82	Α
lount Lebanon Hosp. Auth., Pa.	Rev	16.8	2006	8.01	8.13	Α
Converse Co., Wyo.	Rev	30.0	2006	7.84	7.75	Baa
iddletown, Ohio	Rev	6.2	1984-1992	7.91	6.30-7.25	Α
Middletown, Ohio	Rev	5.4	1999	7.91	7.85	A
iddletown, Ohio	Rev	5.4	2006	7.91	8.00	Α
lew Jersey Health Care Fac. Fin. Auth.	Rev	3.7	1979-1992	8.01	5.25-7.30	
lew Jersey Health Care Fac. Fin. Auth.	Rev	4.9	2000	8.01	7.63	
lew Jersey Health Care Fac. Fin. Auth.	Rev	9.5	2008	8.01	8.19	
Columbus, Ohio	G.O.	17.4	1978-2002	6.08	4.00-6.60	Aa
irginia Hsg. Dev. Auth.	Rev	13.3	1977-1996	7.19	4.60-7.20	A-1
irginia Hsg. Dev. Auth.	Rev	6.7	2007	7.19	7.40	A-1
lizabeth, N.J.	G.O.	13.0	1977-1996	7.46	5.00-7.50	Α
ndiana Co. Hosp. Auth., Pa.	Rev	2.7	1980-1992		5.50-7.75	
ndiana Co. Hosp. Auth., Pa.	Rev	1.1	1995		7.88	
ndiana Co. Hosp. Auth., Pa.	Rev	7.0	2006		8.00	
Middlesex Co., N.J.	G.O.	15.2	1977-1991	5.49	3.80-5.90	Aa
ackson Co., Mo.	G.O.	64.0	1977-1991	5.86	3.70-6.10	Aa
ustin, Texas	Rev	40.0	1982-2001	6.31	4.70-6.75	Aa
ustin, Texas	G.O.	15.6	1977-2000	5.46	3.25-6.20	Aaa

#### Table 5B Continued

# INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

### OTHER THAN U.S. TREASURY

June 1, thru June 18, 1976

ISSUER	ТҮРЕ	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	NET INTEREST COST	OFFERING YIELD	MOODY'S RATING
STATE AND LOCAL						
Philadelphia, Pa.	Rev	12.5	1978-1986	8.04	5.50-7.40	A
hiladelphia, Pa.	Rev	27.5	1996	8.04	8.00	A
etersburg, Ind.	Rev	20.0	2006		6.90	Aa
hio, State of	Rev	10.0	1986	8.15	7.75	Baa
maha Public Power Dist., Neb.	Rev	25.3	1982-1999	6.98	4.75-6.70	Aa
maha Public Power Dist., Neb.	Rev	21.2	2006	6.98	6.88	Aa
Omaha Public Power Dist., Neb.	Rev	83.5	2016	6.98	7.08	Aa

#### Table 6A

# FORTHCOMING INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

OTHER THAN U.S. TREASURY 1

as of June 18, 1976

ISSUER	ТҮРЕ	AMOUNT (IN MILLIONS OF DOLLARS)	APPROXIMATE DATE OF OFFERING		
CORPORATE				-	
Metro-Goldwyn-Mayer	Notes	40.0	June	21	
Metro-Goldwyn-Mayer	SF debt	50.0	June	21	
Jersey Central Pwr. & Light	1st mtge	35.0	June	21	
United States Steel Corp.	Conv debt	400.0	June	22	
Duquesne Light Co.	1st mtge	80.0	June	22	
Pub. Svc. of Oklahoma	Pfd stk	25.0	June	22	
Utah Pwr. & Light	Com stk	34.0	June	23	
Gulf Life Holding Co.	Notes	60.0	June	23	
TransAmerica Corp.	Notes	50.0	June	23	
General Finance Corp.	Notes	30.0	June	23	
Southwest Bancshares Inc.	SF debt	40.0	June	23	
Tampa Electric Co.	Pfd stk	17.5	June	23	
Brooklyn Union Gas	1st mtge	35.0	June	23	
Toledo Edison	1st mtge	50.0	June	23	
Walter E. Heller & Co.	Notes	20.0	June	24	
Walter E. Heller & Co.	Debt	25.0	June	24	
Republic of Texas Corp.	SF debt	75.0	June	24	
Pacific Tel. & Tele.	Debt	300.0	June	24	
Vestern Union Tele. Co.	Pfd stk	50.0	June	24 29	
Western Union Tele. Co.	SF debt	25.0	June June		
inchor Hocking Corp.	SF debt	45.0		29	
redithrift Fin. Corp.	Notes	25.0	June June	30	
eorgia Power	Pfd stk	50.0		30	
daho Power Co.	Pfd stk	25.0	June	30	
eorgia Power	1st mtge	50.0	June	30	
merican Quasar Petroleum Co.	Conv debt	17.5	June	30	
ruehauf Corp.	Debt	50.0	June		
nited Illuminating	Pfd stk	15.0	June		
hio A-T-O Inc.	SF debt	20.0	June		
rizona Pub. Svc. Co.	Com stk	40.0	June		
nited Illuminating	Pfd stk		June		
onsumer Power Co.	1st mtge	15.0	June	_	
isconsin Elect. & Pwr. Co.	1st mtge	60.0	July	7	
orthern Illinois Gas	lst mtge	60.0	July	7	
llinois Power Co.	lst mtge	50.0	July	8	
Lagara Mohawk Pwr. Corp.	Com stk	100.0	July	13	
clahoma Gas & Electric	Pfd stk	51.5	July	13	
	I'u stk	30.0	July	13	
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#### NOTES

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

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### **Table 6A Continued**

# FORTHCOMING INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

OTHER THAN U.S. TREASURY 1

as of June 18, 1976

5 Of Julie 10, 1976	U		
ТҮРЕ	AMOUNT (IN MILLIONS OF DOLLARS)	APPROXIMATE DATE OF OFFERING	
1st mtge	50.0	July	15
1st mtge	60.0	July	20
Com stk	40.0	July	20
Pfd stk	20.0	July	
Notes	60.0	July	
Notes	50.0	July	
SF debt	50.0	July	
Notes	25.0	July	
SF debt	65.0	INDEF	
SF debt	25.0	INDEF	
1st mtge	70.0	INDEF	
Debt	60.0	INDEF	
Notes	40.0	INDEF	
Com stk	162.0	INDEF	
Bene int	15.0	INDEF	
Com stk	15.0	INDEF	
Pfd stk	50.0	INDEF	
Com stk	81.0	INDEF	
Debt	175.0	INDEF	
Notes	100.0	June	24
Notes	250.0	June	29
Notes	250.0	June	29
Bonds	250.0	June	29
Debt	65.0	June	30
Debt	25.0	June	30
Debt	100.0	INDEF	
	lst mtge lst mtge com stk Pfd stk Notes Notes SF debt Notes SF debt lst mtge Debt Notes Com stk Bene int Com stk Pfd stk Notes Notes Notes Notes	STATE	Type

#### Table 6B

# FORTHCOMING INTERMEDIATE AND LONG-TERM PUBLIC SECURITY OFFERINGS

### OTHER THAN U.S. TREASURY 1

as of June 18, 1976

ISSUER	TYPE	AMOUNT (IN MILLIONS OF DOLLARS)	APPROXIMATE DATE OF OFFERING
STATE & LOCAL	<del> </del>	OF DOLLARS)	
	D	25.7	June 21
*Mesa, Ariz.	Rev	12.0	June 21 June 21
King Co., Wash.	G.O.	25.9	
*St. Paul, Minn.	1		
Missouri Housing Dev. Comm.	Rev	28.2	June 23
Roanoke, Va.	G.O.	22.3	June 23
New Bedford, Mass.	G.O.	11.0	June 24
*Washoe Co., Nev.	Rev	10.0	June 25
Southfield Bldg. Auth., Mich.	Rev	15.7	June 28
*Alaska, State of *Los Angeles Co. Civic Rec. Indust.	G.O.	40.0	June 29
Auth.	Rev	15.0	June 29
Cleveland, Ohio	G.O.	25.9	June 29
Clark Co., Nev.	Rev	13.0	June 30
Tberville Par., La.	Rev	25.0	July 2
Nashville and Davidson Co. Metro.			
Govt. Tenn.	Rev	15.8	July 6
Georgia, State of	G.O.	26.4	July 8
Fairbanks North Star Boro., Alaska	G.O.	15.5	July 8
San Antonio, Texas	Rev	60.0	July 15
Chicago, Ill.	G.O.	30.0	July 15
Texas Water Dev. Board	G.O.	40.0	July 20
San Francisco, Calif.	G.O.	43.4	July 20
Postponement			
California Toll Bridge Auth.	Rev	49.8	June 16
Univ. of Kansas Coll. of Health			
& Hosp.	Rev	22.0	June 29
'			

#### NOTES:

- 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.

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Federal Reserve Bank of St. Louis

Table 7
STOCK PRICES AND VOLUME

DAT	<b>Ĕ</b> ├─			STOCK PRICES	1		TRADING VOLUM	E
		NYSE INDEX	3 BJ INDUSTRIALS	AMEX 4	NASDAQ	NYSE	AMEX	NASDAQ
.973 ~ H L		.48 (1/11) .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)
974 - H: L		37 (3/13) 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)
975 - H: L		24 (7/15) 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)
		15 (3/24) .04 (1/2)	1,011.02 (4/21) 858.71 (1/2)	105.30 (3/11) 84.31 (1/2)	92.09 (2/25) 78.06 (1/2)	44.5 (2/20) 10.3 (1/2)	8.6 (2/20) 1.1 (1/2)	11.1 (2/20) 3.5 (1/2)
	9 54 6 53 3 54	.54 .41 .55 .48	991.58 968.28 980.48 1,000.71 996.85	104.09 102.08 101.90 103.09 102.57	90.63 88.89 89.17 90.60 90.08	17.8 21.2 16.4 21.7 16.3	2.6 2.8 2.1 2.5	6.3 7.2 5.8 7.0 6.0
14 21 28	4 54 L 53	96	996.22 992.60 990.75 975.23	102.91 104.81 104.76 103.16	90.02 89.78 89.39 88.04	16.3 19.7 18.4 16.9	2.0 2.4 2.1 2.0	5.8 6.3 5.9 5.7
une 4 11 18	53	73	963.90 978.80 1,001.80	102.20 102.77 104.89	87.75 87.71 90.05	16.2 16.3r 22.3	1.9 2.1 2.2	5.1 5.4r 6.7

- 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 weakly averages of daily figures (millions of shares).
- 3 12/31/85 = 56
- 4 Based on average price change until September 4, 1973 thereafter, based on market value of shares listed,

Table 8
SECURITY CREDIT

		MARGIN CREDIT E	KTENDED BY	UNREGULATED NONMARGIN
END OF PERIOD	BROKERS ON <sup>1</sup> MARGIN STOCK	BROKERS ON <sup>2</sup> CONVERTIBLE BONDS	BANKS	STOCK CREDIT AT BANKS
OUTSTANDING				
1975 - Apr.	4,360	138	824	1,885
May	4,700	140	819	1,883
June	4,990	146	844	2,434
July	5,300	143	820	2,387
Aug.	5,220	142	832	2,457
Sept.	5,250	145	852	2,520
Oct.	5,300	144	1,007	2,311
Nov.	5,370	146	1,008	2,270
Dec.	5,390	147	960	2,281
1976 - Jan.	5,420	146	1,000	2,321
Feb.	5,950	153	1,037	2,333
Mar.	6,410	162	n.a.	n.a.
Apr.	6,690	163	n.a.	n.a.
CHANGE IN OUTSTANDING	1		. !	
1075	100	,	20	2
1975 - Apr.	180	4	-20	-3
May	340	2	-5 05	-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	7	37	12
Mar.	- 460	9	n.a.	n.a.
Apr.	280	1	n.a.	n.a.
			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.

Table 9 SAVINGS FLOWS AT NONBANK THRIFT INSTITUTIONS IN MILLIONS OF DOLLARS

	MUTU	AL SAVINGS B	ANKS	SAVINGS	& LOAN ASSO	CIATIONS		TOTAL		
	REGULAR	DEPOSITS 1	NET 2	SHARE	CAPITAL	NET 2	DEP	оѕітѕ	NET 2	
DATE	NET FLOW	ANNUAL 3 GROWTH RATE	MONEY	NET FLOW	ANNUAL 3 GROWTH RATE		NET FLOW	ANNUAL 3 GROWTH RATE	NEW	
1971	9,621	13.5	5,378	27,793	19.0	20,653	37,414	17.2	26,331	
1972	10,067	12.4	5,451	32,567	18.7	23,884	42,634	16.7	29,335	
1973	4,815	5.3	-442	20,237	9.8	10,507	25,052	8.4	10,062	
1974	2,909	3.0	-2,822	16,053	7.0	4,668	18,962	5.8	1,846	
1975	11,070	11.3	4,757	43,118	17.7	29,276	54,188	15.9	34,033	
1974 - September	319		-689	1,425		-1,068	1,744		-1,757	
October	-74		-260	438		312	364		52	
November	449		236	1,226		1,091	1,675		1,327	
December	1,053		-37	3,393		571	4,446		534	
1975 - September	785		-338	3,698	· ·	631	4,483		293	
October	348		131	2,264		2,086	2,612		2,217	
November	765		549	2,246		2,072	3,011		2.621	
December	1,394		114	4,332		968	5,726		1,082	
1976 - January	1,037		810	5,375		5,108	6,412		5,918	
February	1,017		787	3,946		3,719	4,963		4,497	
March P	2,029		866	7,072 S EASO	NAL ADJUSTE	3,687	9,101		4,553	
1975 - <b>January</b>	405	4.9		2,351	11.5		2,756	9.6		
February	713	8.7		3,005	14.6		3,718	12.9		
March	1,149	13.8		3,864	18.6		5,013	17.2		
April	955	11.4		3,712	17.6		4,667	15.8	~-	
May	1,295	15.3		4,237	19.8		5,532	18.5		

- Regular deposits at mutual savings banks exclude items such as Christmes club and certain escrow accounts, which represent a very small part of total deposits.
- New deposits net of both withdrawels and interest. Data for S&L's are for insured associations only, which represent 96 per cent of industry total resources.

Annual growth rate for monthly data is the annualized monthly percentage increase in deposits.

<sup>3</sup> Annual growth rate for monthly data is the annualized monthly percentage increase in a Digitized Source: National Association of Mutual Savings Banks and Federal Home Loan Bank Board.

Table 9

### SAVINGS FLOWS AT NONBANK THRIFT INSTITUTIONS

IN MILLIONS OF DOLLARS

DATE	NET FLOW	ANNUAL 3 GROWTH	NET NEW		CAPITAL	NET 2	DEP	OSITS	2
	FLOW	GROWTH	NEW						NET _
	ł	RATE	NEW MONEY	NET FLOW	ANNUAL 3 GROWTH RATE	NEW MONEY	NET FLOW	ANNUAL 3 GROWTH RATE	NEW MONEY
.975 - June	1,369	16.0		4,395	20.2		5,764	19.0	
July	1,190	13.7		4,774	21.5		5,964	19.3	
August	1,044	11.9	~-	3,933	17.4		4,977	15.9	
September	802	9.0		3,682	16.1		4,484	14.1	
October	731	8.2	~-	3,334	14.4		4,065	12.6	
November	772	8.6		3,125	13.3		3,897	12.0	
December	633	7.0		2.926	12.3		3,559	10.8	
1976 - January	1,039	11.4		4,232	17.7		5,271	15.9	
February	796	8.7		3,658	15.0		4,454	13.3	
March p/	1,018	11.0		4,078	16.5	<del></del> .	5,096	15.0	
	l								
						-			
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	1 .			l			1		
	1			1			1		

#### NOTES:

- 1 Regular deposits at mutual savings banks exclude items such as Christmas club and certain escrow accounts, which represent a very small part of total deposits.
- 2 New deposits net of both withdrawals and interest. Data for S&L's are for insured associations only, which represent 96 per cent of industry total resources.
- 3 Annual growth rate for monthly data is the annualized monthly percentage increase in deposits.

Source: National Association of Mutual Savings Banks and Federal Home Loan Bank Board,

Table 10

# MORTGAGE COMMITMENTS AT SELECTED THRIFT INSTITUTIONS

BILLIONS OF DOLLARS, SEASONALLY ADJUSTED

	OUTS	TANDING COMM	ITMENTS		NET CHANGE	
PERIOD	TOTAL	ALL SAVINGS & LOAN ASSOCIATIONS	MUTUAL SAVINGS BKS (N.Y. STATE)	TOTAL	ALL SAVINGS & LOAN	
1972 - Dec.	25.2	20.3	4.9	.45	.43	.02
1973 - Dec.	19.9	16.4	3.5	.04	.21	17
1974 - Dec.	14.6	12.4	2.2		.0,9	09
1975 - Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.  1976 - Jan. Feb. Mar. Apr.	14.6 14.5 15.0 16.2 16.8 17.0 17.9 19.1 20.0 20.1 20.4 20.4 20.5 21.1 21.5 22.0	12.5 12.6 13.0 14.2 14.7 14.9 15.9 16.9 17.9 18.0 18.4 18.5	2.1 1.9 2.0 2.0 2.1 2.1 2.1 2.1 2.1 2.0 2.0 2.0 2.0	03 01 .50 1.18 .55 .25 .92 1.21 .90 .01 .35 .04 .06 .61	.08 .14 .39 1.17 .49 .21 .94 1.10 .96 .07 .42 .08	11 24 .11 .01 .06 .04 02 .11 06 07 .04 04 06 07

#### NOTES:

Besed 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.

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### Table 11

## **NET NEW MONEY BORROWINGS** BY MAJOR HOUSING AGENCIES

IN MILLIONS OF DOLLARS

	TOTAL	INTE	RMEDIATE AND	LONG-TERM IS	SUES	fnma & fhl
PERIOD	INCLUDING SHORT-TERM DISCOUNT NOTES	TOTAL	ξΉLB	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
107/	-671	-756	-800		+44	+85
1974 - Jan.	-695	-657	<del>-</del> 657	·		-38
Feb.	+424	+450			+450	-26
Mar.	+508	-4	-4			+512
Apr.	+1,442	+992	+992			+450
May	+2,699	+2,250	+1.500		+750	+449
June		+1,499	+1,000		+499	+305
July	+1,804	+200	+400	-200		+678
Aug.	+878	+2,750	+1,700		+1,050	+18
Sept.	+2,768	+1,599	+1,499		÷100	+66
Oct.	+1,665	+93	-217		+310	-182
Nov.	-89	+961	+470		+491	-454
Dec.	+507	7901	1470			
1075 -	-242	-5	-4	,	-1	-237
1975 - Jan.	-659	-254	-554	+300	0	-405
Feb.	+440	+689	-11	0	+700	-249
Mar.	7440	+69	-30	-1	+100	-69
Apr.	-1,568	-1,279	-1.279	0	0	-289
May	+330	+600	0	Ō	+600	-270
June		+300	0	0	+300	-64
July	+236	-700	-700	Ö	0	302
Aug.	-398	100	, 00	. 0	100	115
Sept.	215	850	+150	ŏ	700	-263
Oct.	587	200	-130	200	0	-48
Nov.	152		. 0	0	600	69
Dec. p	669	600	0	-		451
1976 - Jan. p	-154	0	0	, 0	0	-154

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Based on data from the Treasury Survey of Ownership. 1/ Sales of FHLB discount notes began in May 1974.

Table 12

## **NET CHANGE IN MORTGAGE HOLDINGS**

IN MILLIONS OF DOLLARS

	TOTAL		FINANC	IAL INSTITU	JTIONS		2
PERIOD	INCLUDING FNMA-GNMA	TOTAL	COMMERCIAL BANKS	MSB's	S & L's	INSURANCE COMPANIES	FNMA-GNMA
			Not Sea	sonally A	djusted		
	12.647	39,259	9,940	3,938	23,919	1,221	2,388
1971	41,647		16,800	5,377	31,932	1,452	2,026
1972	57,587	55,561		5,642	25,552	4,278	3,300
1973	58,372	55,072	19,600	2,172	17,560	5,078	6,222
1974	42,748	36,526	11,700		29,400	3,100	4,839
1975	42,475	37,636	2,900	2,236	29,400	3,100	1 4,033
1975 - Oct.	4,781	4,132	700	226	2,996	210	649
	3,284	2,918	200	200	2,323	195	366
Nov. Dec.	4,413	3,754	200	272	2,774	508	658
2001				0.7	1 270	37	410
1976 - Jan.	1,912	1,502	0	87	1,378	148	264
Feb.	3,134	2,870	200	106	2,416	238	-840
Mar.	3,990	4,830	400	123	4,069	230	-840
Apr.			800		4,124		İ
May							i
June							
			Seaso	nally Adj	justed		
			-				
1975 - Oct.	5,152	4,641	722	273	3,490	156	511
Nov.	3,829	3,474	311	214	2,949	133	355
Dec.	4,793	4,058	481	200	3,360	17	735
	3,382	2,896	378	184	2,189	145	486
1976 - Jan.		3,933	562	249	2,848	274	415
Feb.	4,348	4,864	487	119	3,844	414	-686
Mar.	4,178	4,004	662	117	3,724		
Apr.			662		3,724		
May							
June							
						er.	
	1	ł					]

#### NOTES:

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

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

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Monthly data for commercial benks 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 FMMA and the Government National Mortgage Association. Data for mutual savings banks and for Life Insurance companies may differ somewhat from those derived from regular quarterly series because of minor conceptual differences for which adjustments are not made in the monthly series. Altogether, these grouns accounted for 83 per cent of the net increase estimated for all holders in 1974.

## **NET INCREASE IN** MORTGAGE DEBT OUTSTANDING

IN BILLIONS OF DOLLARS, SEASONALLY ADJUSTED ANNUAL RATES 4

	2		RESIDENTIAL	3		MULTIFAMILY	
QUARTER	TOTAL	TOTAL	1- to 4- FAMILY	MULTI- FAMILY	COMMERCIAL	& COMMERCIAL	FARM
	T						
1969 - I	31.7	23.3	18.9	4.4	6.2	10.6	2.2
II	28.9	21.3	16.7	4.7	5.3	10.0	2.2
III	25.7	18.7	14.0	4.7	5.3	10.0	1.8
IV	25.4	18.0	12.2	5.7	6.0	11.7	1.4
1970 - I	20.7	15.7	11.1	4.6	3.5	8.1	1.5
II	22.7	16.7	11.5	5.2	4.5	9.7	1.5
III	28.4	21.2	14.9	6.3	5.1	11.4	2.1
IV	32.5	23.4	17.1	6.3	7.0	13.2	2.2
1971 - I	37.2	27.4	18.7	8.7	7.6	16.3	2.2
II	46.7	34.9	25.6	9.4	9.4	18.7	2.4
III	52.1	38.1	28.4	9.7	11.6	21.4	2.3
IV	56.3	43.1	33.6	9.5	10.8	20.4	2.4
1972 - I	62.8	47.7	38.0	9.7	12.4	22.1	2.6
II	61.7	45.5	35.8	9.7	13.7	23.3	2.6
III	63.9	46.2	37.4	8.8	15.1	23.9	2.7
IV	72.1	51.5	42.6	8.9	1,8.2	27.1	2.4
1973 - I	83.4	59.7	51.1	8.7	19.7	28.3	4.1
II	72.4	50.4	39.6	10.8	18.0	28.8	3.9
III	70.6	48.9	40.1	8.8	18.1	26.9	3.7
IV	61.4	39.5	32.6	6.9	18.0	24.9	3.9
1974 - I	60.2	37.7	29.4	8.3	18.9	27.2	3.6
II	62.3	38.9	32.4	6.5	18.6	25.0	4.8
III	52.0	31.8	26.1	5.7	14.3	20.0	5.9
IV	43.0	25.9	21.6	4.3	11.3	15.6	5.7
1975 - I	35.4	21.1	19.4	1.7	9.1	10.8	5.1
· II	45.7	31.7	30.9	0.9	9.7	10.6	4.3
III	58.2	39.9	38.6	1.4	13.9	15.3	4.4
IV	69.8	49.9	49.9	*	14.8	14.8	5.1
1976 - I	66.2	51.3	47.7	3.6	10.4	14.0	4.5
_							

- 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.
- esidential mortgage debt includes nonfarm only and is sum of 1-to 4- family and multifamily mortgage debt. 24 Data revised April 12 due to reestimation of seasonal factors.

Table 14

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

IN THOUSANDS OF UNITS, SEASONALLY ADJUSTED ANNUAL RATES

		PERMITS 1	1		STARTS			COMPLETION	IS	MOBILE
PERIOD .	TOTAL	1-FAMILY	2-OR MORE FAMILY	TOTAL	1-FAMILY	2-OR MORE FAMILY	TOTAL	1-FAMILY	2-OR MORE FAMILY	HOME SHIPMENTS
.969	1,324	626	698	1,467	811	656	1,399	808	592	413
970	1,352	647	705	1,434	813	621	1,418	802	617	401
971	1,925	906	1,018	2,052	1,151	901	1,706	1,014	692	497
972	2,219	1,033	1,186	2,357	1,309	1,048	1,972	1,143	828	576
.973	1,820	882	937	2,045	1,132	914	2,014	1,174	840	567
974	1,074	644	431	1,388	888	450	1,692	932	760	329
.975	924	668	257	1,161	893	269	1,296	866	430	216
975 - Jan.	689	508	182	1,005	748	257	1,547	959	588	190
Feb.	701	515	186	953	722	231	1,350	793	557	221
Mar.	677	503	173	986	763	223	1,314	757	557	193
Apr.	837	603	234	982	774	208	1,244	782	462	190
May	912	658	254	1,085	853	232	1,269	827	442	209
June	949	679	270	1,080	874	206	1,202	808	394	201
Ju1y	1,042	711	331	1,207	916	291	1,261	882	379	213
Aug.	995	732	263	1,264	979	285	1,267	880	387	225
Sept.	1,095	779	316	1,304	966	338	1,315	969	346	228
Oct.	1,079	769	310	1,431	1,093	338	1,115	738	377	235
Nov.	1,085	787	298	1,381	1,048	333	1,386	992	394	230
Dec.	1,028	766	262	1,283	962	321	1,329	993	336	224
976 - Jan.	1,120	828	292	1,236	957	279	1,213	926	287	263
Feb.	1,134	850	284	1,547	1,295	252	1,299	953	346	287
Mar.	1,134	827	307	1,417	1,110	307	1,393	1,024	369	244
Apr.	1,095	813	282	1,381	1,063	318	1,262	981	281	237
May	1,158	821	337	1,451	1,057	358	1,202	. , ,	201	261

#### 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 mobilhome shipments are Mobile Home Manufacturers Association data converted to seasonally adjusted annual rate by Census Bureau. Latest month preliminary.

Permit data for 1969 and 1970 based on 13,000 areas with permit systems

Data revised due to seasonally adjustment. http://fraser.stlouisfed.org/

Table 15

### **AVERAGE RATES AND YIELDS ON HOME MORTGAGES**

			PRIMARY	NAL LOANS MARKET			HA) INSURED ONDARY MAR	KET	SPREAD BETWEEN RETURNS ON	NEW Asa
DEDIC		NEW HOMES		EXISTING	EXISTING HOMES		NEW HOMES	ıl	CONVENTIONAL AND HUD(FHA)	UTILITY
PERIOD	<b>)</b> 0	RATE (IN PER CENT)	SPREAD (BASIS POINTS)	RATE (IN PER CENT)	SPREAD (BASIS POINTS)	YIELD (IN PER CENT)	SPREAD (BASIS POINTS)	DISCOUNT (PERCENTAGE POINTS)	NEW HOME MORTGAGES (BASIS POINTS)	YIELD (IN PER CENT)
1974 - F	ligh	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 - I	High	9.25	15	9.30	20	9.74	31	6.2	21	9.70
1	Low	8.90	<b>-70</b>	8.95	<b>-6</b> 5	8.69	-91	2.4	-49	8.94
1975 - 0	Oct.	9.25	3	9.30	8	9.53	31	4.0	-28	9.22
ì	Nov.	9.20	n.a.	9.25	n.a.	9.41	n.a.	3.1	-21	n.a.
, I	Dec.	9.15	n.a.	9.20	n.a.	9.32	n.a.	2.4	-17	n.a.
1976 - 3	Jan.	9.05	39	9.10	44	9.06	40	2.4	- 1	8.66
. 1	Feb.	9.00	42	9.05	47	9.04	46	2.2	- 4	8.58
1	Mar.	8, 95	42	9.00	47	n.a.	n.a.	n.a.	n.a.	8.53
	Apr.	8.90	32	8.95	37	8.82	24	2.5	8	8.58
1	May	9.00	5	9.05	10	9.03	8	4.1	- 3	8.95
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#### NOTES:

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<sup>1</sup> Gross yield spread is everage mortgage return before deducting servicing costs, minus everage yield on new issues of high-grade utility bonds with 5-yeer 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, rare used.

Table 16

# FNMA AUCTION RESULTS HOME MORTGAGE COMMITMENTS

		COVER	MENT-UNDERV	VRITTEN		ONVENTIONAL	
DATE OF		AMC	OF DOLLARS)	AVERAGE YIELD	AMO (IN MILLIONS (	UNT OF DOLLARS)	AVERAGE YIELD
AUCTION		OFFERED	ACCEPTED	1	OFFERED	ACCEPTED	
1975 - High		643 (8/25)	366 (8/11)	9.95 (9/22)	100 (4/7)	51 (4/21)	10.02 (9/22
Low		25 (2/10)	18 (2/10)	8.78 (2/10)	10 (10/20)	9 (2/10)	8.96 (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	34.6	9.40
Dec.	1	255.9	138.5	9.32	73.9	40.5	9.38
	15	287.1	158.8	9.31	69.7	31.2	9.36
	29	95.3	52.7	9.29	41.8	11.8	9.35
1976 - Jan.	12	58.4	31.5	9.13	42.7	32.1	9.28
1970 - 3411.	26	103.9	57.7	9.07	33.4	24.7	9.22
Feb.	9	252.2	179.9	9.07	57.8	36.9	9.17
165.	23	126.9	81.2	9.04	44.0	23.3	9.14
Mar.	8	299.9	171.9	9.06	75.4	45.0	9.15
	22	146.3	121.6	9.03	46.2	33.7	9.1 <b>3</b>
Apr.	5	106.2	56.2	8.94	56.4	31.8	9.05
	19	132.1	60.1	8.83	55.3	33.4	9.00
May	4	483.3	222.3	8.94	110.7	60.1	9.09
,	17	634.3	321.4	9.13	128.8	68.9	9.24
June	1	349.5	224.7	9.20	131.4	90.5	9.31
	4	146.6	98.8	9.14	77.3	70.3	9.30
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#### NOTES

Average secondary market yields are gross before deduction of the fee of 38 besis 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.

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