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November 23, 1970

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2.

CAPITAL MARKET DEVELOPMENTS

Capital Markets Section, Division of Research and Statistics,
Board of Governors of the Federal Reserve System, Washington, D. C.

1-6

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SYMBOLS:

- e** Estimate
- p** Preliminary
- r** Revised
- n.a.** Not available

TABLE 1: Yields, Volume and Reception

WEEK ENDING:	CORPORATE BOND MARKET				
	YIELDS		VOLUME ²		
	NEW ISSUE ¹	MOODY'S SEASONED Aaa	GROSS OFFERINGS	PER CENT SOLD BY END OF WEEK	BONDS SCHEDULED WITHIN 28 DAYS
1970 - Oct. 2	8.37	8.05	495	70	1,178
9	8.35	8.02	469	81	1,179
16	8.53	8.01	490	89	1,237
23	8.64	8.03	652	88	1,617
30	8.77	8.07	536	93	1,326
Nov. 6	8.63	8.09	858	90	2,231
13	8.40	8.07	776	90	1,651
20	8.39	8.05	891	98	1,840
27	n.a.	n.a.	425e	n.a.	n.a.
WEEK ENDING:	MUNICIPAL BOND MARKET				
	YIELDS		VOLUME ²		
	MOODY'S SEASONED Aaa	BOND BUYER SEASONED 20 BOND INDEX	GROSS OFFERINGS	PER CENT SOLD BY END OF WEEK	BONDS SCHEDULED WITHIN 28 DAYS
1970 - Oct. 2	6.15	6.39	346	77	1,516
9	6.15	6.38	450	71	1,148
16	6.10	6.35	346	68	1,138
23	6.10	6.45	668	59	934
30	5.85	6.40	454	88	865
Nov. 6	6.00	6.28	280	72	840
13	5.95	6.12	452	75	850
20	5.85	5.87	660	88	1,091
27	n.a.	n.a.	175e	n.a.	n.a.

¹ Derived by adjusting to a Aaa basis, new issues of publicly-offered corporate bonds with call protection, rated A, Aa, or Aaa by Moody's Investors Service (except serial and convertible issues, offerings of natural gas pipeline and foreign companies, and bonds guaranteed by the Federal Government.)

² Millions of dollars unless otherwise indicated.

Note: See footnotes to Table 3

TABLE 2: Details on Inventories

CORPORATE BONDS IN SYNDICATE END OF LATEST WEEK							
DATE OFFERED	AMOUNT (MIL. \$)	ISSUER	COUPON	ORIGINAL YIELD	RATING AND CALL PROTECTION	ESTIMATED PRO-PORTION SOLD	
11/18	5	Citizens Util.	8 3/8	8.09	A 5 yrs.	30%	
11/18	15	Citizens Util.	9 1/8	9.00	A 5 yrs.	30%	
11/12	50	GAC Prop. Credit	12.00	12.00	-- 5 yrs.	98%	

CORPORATE BONDS RELEASED FROM SYNDICATE DURING LATEST WEEK									
DATE		AMOUNT	ISSUER	COUPON	ORIGINAL YIELD	INCREASE IN YIELD	RATING AND CALL PROT.		ESTIMATED PRO-PORTION RELEASED
OFFERED	RELEASED								
11/12	11/20	50	Consumers Pwr.	8.63	8.55	-12	Aaa	5 yrs.	30%
11/17	11/20	60	Alabama Pwr.	9.00	9.00	-10	A	5 yrs.	10%
11/18	11/20	50	Cinn. Gas & Elect.	8.58	8.55	-1	Aaa	5 yrs.	25%

INVENTORIES ¹				
DATE		MUNICIPALS		CORPORATES
		BLUE LIST	IN SYNDICATE	IN SYNDICATE
Oct.	23	798	372	112
	30	732	218	88
Nov.	6	656	154	105
	13	609	143	51
	20	614	121	15

N.C. - No call protection.

¹ All figures in millions of dollars. Blue List is daily average for week ended Friday, except for latest week which is daily average of three days ended Wednesday. All other figures are as of Friday.

BONDS IN SYNDICATE

Friday figures

Millions of dollars

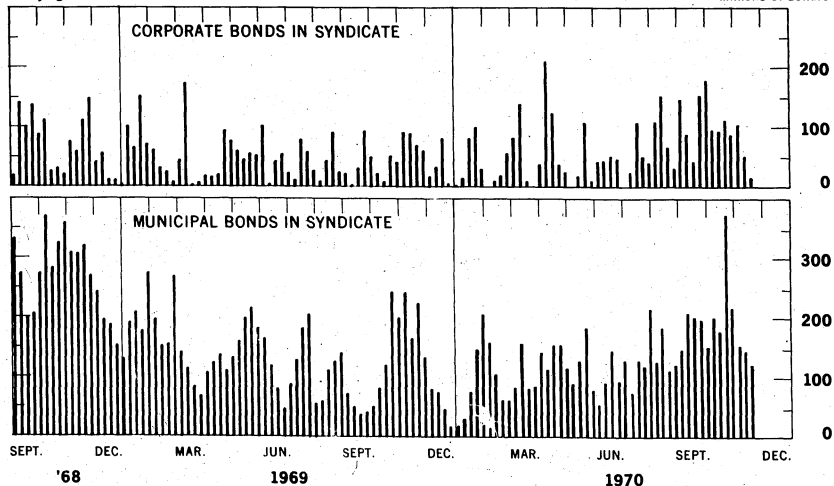


TABLE 3: High Grade Bond Yields

DATE	NEW CORPORATE Aaa ¹	MOODY'S SEASONED CORPORATE Aaa ²	U.S. GOVERNMENT 20-YEAR CONSTANT MATURITIES ³	BOND BUYER'S SEASONED MUNICIPALS ⁴
1968 - High	7.02 (12/13)	6.55 (1/27)	5.90 (1/20)	4.85 (1/26)
Low	6.13 (8/30)	5.95 (9/13)	5.18 (8/9)	4.07 (8.8)
1969 - High	8.85 (12/5)	7.84 (12/26)	6.97 (12/26)	6.90 (12/18)
Low	6.90 (2/21)	6.55 (1/12)	5.96 (1/24)	4.82 (1/28)
1970 - High	9.30 (6/19)	8.60 (7/3)	7.55 (5/29)	7.12 (5/29)
Low	8.20 (2/27)	7.79 (3/6)	6.57 (11/20)	5.87 (11/19)
1970 - Oct. 30	8.77	8.07	6.95	6.40
Nov. 6	8.63	8.09	6.79	6.28
13	8.40	8.07	6.68	6.12
20	8.39	8.05	6.57	5.87

1 New corporate issues, with call protection, adjusted (as described in footnote 1 of Table 1) to a Aaa basis.

2 Weekly average of daily figures. Average term of bonds included is 22-24 years.

3 Weekly average of daily figures.

4 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.

Note--Highs and lows are for individual series and may be on different dates for different series.

HIGH GRADE BOND YIELDS

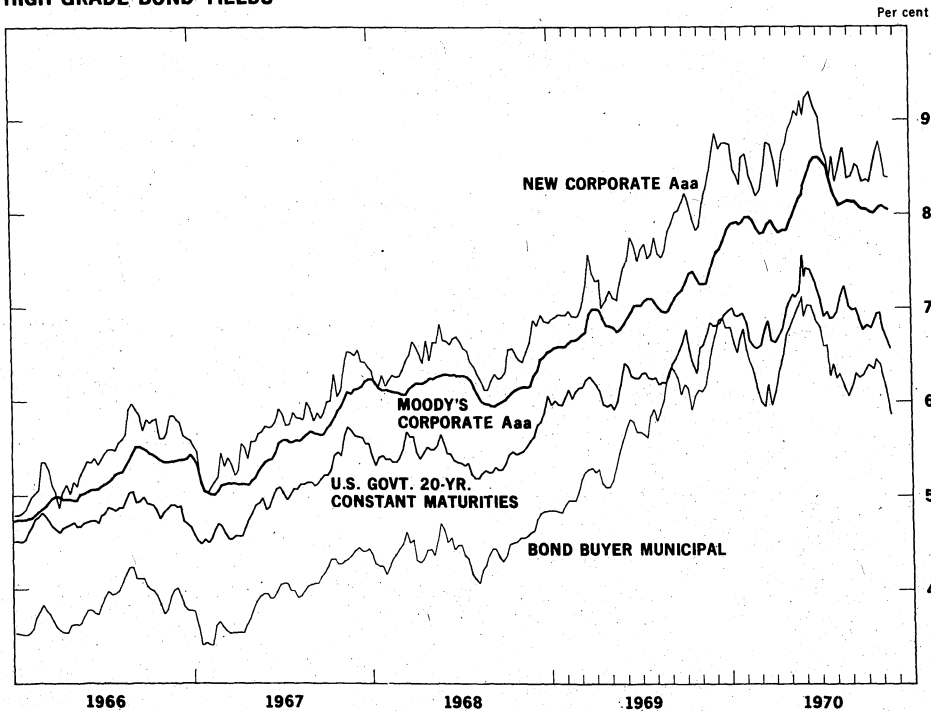


TABLE 4: Long-term Corporate and State and Local Government
Security Offerings and Placements
(In millions of dollars)

PERIOD	GROSS PROCEEDS					
	CORPORATE ¹			STATE AND LOCAL ²		
	1970	1969	1968	1970	1969	1968
January	2,636	2,075	1,771	1,340	1,262	1,178
February	1,802	2,045	1,608	1,214	987	1,158
March	3,539	2,098	1,799	1,551	538	1,404
April	3,170	2,748	1,428	1,647	1,801	1,318
May	3,909	2,076	1,866	995	1,110	1,143
June	3,389	2,530	2,411	1,088	737	1,395
July	2,648	2,478	2,143	1,338	1,097	1,469
August	2,277	1,427	1,432	1,355	808	1,699
September	3,600e	2,427	1,557	1,728	559	1,444
October	3,800e	1,933	2,129	1,900e	1,280	2,230
November		2,375	1,767		886	1,021
December		2,532	2,054		816	1,115
1st Quarter	7,977	6,218	5,178	4,105	2,787	3,840
2nd Quarter	10,468	7,354	5,704	3,730	3,648	3,856
3rd Quarter	8,525e	6,332	5,133	4,421	2,464	4,612
4th Quarter		6840	5,950		2,982	4,366
1st half	18,445	13,572	10,882	7,835	6,435	7,956
Three quarters	26,970 e	19,904	16,015	12,256e	8,899	12,008
Year		26,744	21,965		11,881	16,574
	Excluding finance companies ³					
1st Quarter		6,170	5,107			
2nd Quarter		7,037	5,427			
3rd Quarter			4,785			
4th Quarter			5,654			
Year			20,973			

¹ Securities and Exchange Commission estimates of gross proceeds.

² Investment Bankers Association of America estimates of principal amounts.

³ Total gross proceeds excluding offerings of sales and consumer finance companies.

TABLE 5: New Corporate Security Issues, Type of Issue and Issuer
(In millions of dollars)

QUARTER OR MONTH	GROSS PROCEEDS BY TYPE OF ISSUE						GROSS PROCEEDS BY TYPE OF ISSUER			
	TOTAL	BONDS		COMMON AND PFD. STOCK	M.I.O.:		MFG.	PUBLIC UTILITY	COMMUNI- CATIONS	OTHER ISSUERS ¹
		PUBLICLY OFFERED	PRIVATELY PLACED		ISSUES INCLUDED					
					FOREIGN	CONVERTIBLE				
1969 - II	7,354	3,411	1,673	2,268	277	1,126	1,773	1,878	432	3,266
III	6,332	3,186	1,347	1,797	289	750	1,862	1,544	684	2,243
IV	6,840	3,479	1,053	2,307	115	809	1,314	1,967	598	2,961
1970 - I	7,977	4,577	1,233	147	222	922	2,584	2,085	766	2,543
IIe	10,468	6,994	1,282	2,190	135	710	2,445	2,812	2,162	3,048
IIIe	8,525	5,959	946	1,619	n.a.	265	2,166	2,667	1,178	2,514
1969 - Sept.	2,427	1,222	479	726	35	369	625	544	272	984
Oct.	1,933	969	313	651	59	105	260	745	120	808
Nov.	2,375	1,164	226	984	8	303	453	622	201	1,099
Dec.	2,532	1,346	514	672	48	401	601	600	277	1,054
1970 - Jan.	2,636	1,595	516	525	61	387	811	639	234	952
Feb.	1,802	1,068	266	468	33	249	357	540	226	680
Mar.	3,539	1,914	471	1,154	128	286	1,416	906	306	911
Apr.	3,170	2,022	447	701	89	398	689	1,109	62	1,310
May	3,909	3,041	399	468	20	230	817	600	1,747	744
June	3,389	1,931	436	1,021	26	82	939	1,103	353	994
July	2,648	1,831	236	580	68	107	577	842	144	1,085
Aug.	2,277	1,728	210	339	11	58	689	630	279	679
Sept. ^{e/}	3,600	2,400	500	700	n.a.	100	900	1,195	755	750
Oct.	3,800	2,400	400	1,000	n.a.	150	1,125	1,100	375	1,200

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

Source: Securities and Exchange Commission. Quarterly supplements are available.

TABLE 6: Large Long-term Public Security Issues for New Capital
(Other than U.S. Treasury)¹

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November 1 thru November 20, 1970

ISSUER	TYPE ²	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	COUPON RATE OR NET INTER- EST COST	OFFER- ING YIELD	MOODY ³ RATING
<u>Corporates</u>						
Great American Mtg. Investors	Debs.	26.0	1990	7.00	7.00	--
Gulf Oil Corp.	Debs.	200.0	1995	8.50	8.55	Aaa
Florida Power Corp.	1st. Mtg.	40.0	2000	9.00	8.83	Aa
General Tel. Co. of the N.W.	1st. Mtg.	15.0	2000	9.63	9.63	A
Vermont Yankee Nuclear Pwr. Co.	1st. Mtg.	80.0	1998	9.63	9.45	A
Ford Motor Credit Co.	Debs.	75.0	1990	8.88	9.00	--
Ford Motor Credit Co.	Notes	125.0	1976	8.38	9.00	--
Louisiana Power	1st. Mtg.	20.0	2000	9.38	9.20	A
Dow Chemical Co.	S.F. debs.	150.0	2000	8.90	8.90	A
Pennzoil Offshore Gas Oper. Inc.	Units (conv. debs & shares)	130.0	1979	<u>4/</u> 1.00	--	--
American Tel. & Tel.	Debs.	350.0	2002	8.70	8.70	Aaa
Consumers Pwr. Co.	1st. Mtg.	55.0	2000	8.63	8.55	Aaa
Pillsbury Co.	Debs.	25.0	1995	8.75	8.75	A
GAC Properties Credit Inc.	Debs.	50.0	1975	12.00	12.00	--
Pub. Service Co. of N.H.	1st. Mtg.	20.0	2000	9.00	9.00	A
Pacific G&E Co.	1st. Ref Mtg.	100.0	2002	8.88	8.80	Aa
Sun Oil Co.	S.F. debs.	150.0	2000	8.50	8.55	Aa
Sun Oil Co.	Notes	50.0	1976	7.75	7.70	Aa
Alabama Pwr. Co.	1st. Mtg.	60.0	2000	9.00	9.07	A
Genesco Inc.	Notes	50.0	1976	9.25	9.35	A
Allegheny Pwr. System Inc.	Com stk.	35.2				
Gen'l Tel. & Tel. Co. Ind.	1st. Mtg.	25.0	2000	9.00	9.00	A
United Gas Pipeline Co.	Debs.	25.0	1990	9.75	9.75	Baa
Houston Natural Gas Corp.	Debs.	20.0	1975	8.85	8.85	Baa
Belden Corp.	Conv. Sub debs.	16.0	1990	8.00	8.00	Ba
Savannah Elec. & Pwr. Co.	1st. Mtg.	15.0	1975	8.50	8.38	A

TABLE 6: Large Long-term Public Security Issues for New Capital
(Other than U.S. Treasury) ¹

November 1 thru November 20, 1970

ISSUER	TYPE ²	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	COUPON RATE OR NET INTER- EST COST	OFFER- ING YIELD	MOODY RATING
<u>Corporates</u>						
Republic Steel Corp.	S.F. debs.	100.0	1995	8.90	8.90	A
Public Service Elec. & Gas	Debs.	75.0	1995	9.00	8.95	A
Cincinnati Gas & Elec. Co.	1st. Mtg.	60.0	2000	8.63	8.95	A
Marcor	Debs.	60.0	1990	9.25	9.25	--
Citizens Utilities Co.	1st. Mtg.	15.0	1990	9.13	9.00	A
Citizens Utilities Co.	1st. Mtg.	5.0	1977	8.38	8.09	A
American Tel. & Tel.	Notes	150.0	1977	7.75	7.68	Aaa
Cleveland Elec. Illum. Co.	1st. Mtg.	75.0	2005	8.75	8.65	Aaa
Columbus & So. Ohio Elec. Co.	1st. Mtg.	25.0	1976	8.00	7.70	Aa

TABLE 6: Large Long-term Public Security Issues for New Capital
(Other than U.S. Treasury)¹

November 1 thru November 20, 1970

ISSUER	TYPE ²	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	COUPON RATE OR NET INTER- EST COST	OFFER- ING YIELD	MOODY'S RATING
<u>State and Local</u>						
Dallas-Ft. Worth Reg. Arpt. Tex	Rev.	50.0	1999	7.91	--	Baa
Philadelphia S/D Pa.	G.O.	45.4	1972-1991	7.81	5.40-8.00	Baa-1
Massachusetts, State of	G.O.	63.0	1971-1990	5.09	3.50-6.00	Aaa
South Carolina	G.O.	36.7	1971-85	4.34	3.10-4.90	Aaa
Pennsylvania St. Pub. Sch. Bldg. Auth.	Rev.	29.4	1973-10	6.75	3.90-7.00	--
New York State Pwr. Auth.	Rev.	120.0	1986-2010	6.89	6.00-6.50	--
Detroit Mich.	G.O.	18.0	1971-85	6.70	4.00-7.50	Baa
Detroit City S/D, Mich.	G.O.	30.0	1972-81	6.25	4.50-6.50	Baa
Dade Co., Fla.	Rev.	50.0	1971-2000	7.48	4.00-7.50	Baa
Delaware	G.O.	30.0	1971-90	4.92	3.20-6.00	--
Mass. Health & Ed. Fac. Auth.	Rev.	10.5	1972-2002	6.37	3.40-6.70	--
Newport News, Va.	G.O.	14.0	1971-90	5.29	3.30-5.60	A
Georgia Bldg. Auth. Hosp.	Rev.	20.1	1970-1993	5.03	2.90-5.90	Aa
Puerto Rico Pub. Bldg. Auth.	Rev.	26.0	1971-2001	6.85	3.50-6.75	--
Ohio, State of	G.O.	75.0	1972-91	5.03	3.25-6.00	Aaa
Boston, Mass.	G.O.	30.0	1971-90	5.90	5.84	Baa
Alabama, State of	G.O.	24.0	1971-90	5.18 & 5.26	3.20-6.00	A-1
Florida St Bd. of Ed.	Rev.	15.0	1971-2000	6.43	3.20-6.50	Aa
HAA	Bds.	98.8	1971-2010	5.84	3.00-5.92	Aaa
Albany Co. N.Y.	G.O.	70.0	1971-90	5.40	3.00-6.40	A
Los Angeles Dept. of Airports	Rev.	60.0	1971-2000	7.31	3.70-7.50	Baa
Kansas City Mo., Metro Jr. Coll District	G.O.	10.2	1971-90	4.97	3.10-6.10	Aa
Los Angeles Comm. ReDev. Agcy. Calif.	G.O.	10.0	1971-85	6.67	3.50-6.00	--

TABLE 6: Large Long-term Public Security Issues for New Capital (continued)
 (Other than U.S. Treasury)¹

Nov 1, thru Nov 20, 1970

ISSUER	TYPE ²	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	COUPON RATE OR NET INTER- EST COST	OFFER- ING YIELD	MOODY'S RATING
<u>State and Local</u> con't Springfield, Illinois	Rev.	14.0	1973-98	5.90	3.70-6.40	Aa

* Rights offering.

- Includes corporate and other security offerings of \$15 million and over; State and local security offerings of \$10 million and over.
- 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.
- Includes foreign government and International Bank for Reconstruction and Development issues and non-guaranteed issues by Federal Agencies.

TABLE 7: Forthcoming Large Long-term Public Security Offerings for New Capital
(Other than U.S. Treasury)¹
(continued)

As of November 20, 1970

ISSUER	TYPE	AMOUNT (MILLIONS OF DOLLARS)	APPROXIMATE DATE OF OFFERING
<u>Corporates</u>			
Republic Mtge. Invest.	Debs.	16.5	Nov. 23
South Central Bell Tel. Co.	Debs.	150.0	Nov. 23
Equity Funding Corp. of Am.	Debs.	20.0	Nov. 24
Jersey Central Pwr. & Lt. Co.	1st. Mtg.	16.0	Nov. 24
NCNB Corp.	Debs.	40.0	Nov. 24
Union Pacific Railroad	Equips.	43.0	Nov. 24
Delmarva Pwr. & Lt. Co.	Bds.	30.0	Nov. 30
Gen'l Pub. Utilities	Debs.	20.4	Nov.
Gen'l Pub. Utilities	Debs.	58.0	Nov.
Tenneco	Com. Stk.	110-137.5 mil.	Nov.
GATC	Bds.	60.0	Nov.
Long Island Lighting Co.	Pref. Stk.	25.0	Nov.
Delmarva Pwr.	1st. Mtg. Coll.	30.0	Nov.
Ohio Pwr. Co.	1st. Mtg.	40.0	Dec. 1
Maine Yankee Atomic Pwr.	1st. Mtg.	75.0	Dec. 1
Mer cantile Stores Co., Inc.	Debs.	25.0	Dec. 1
Panhandle Eastern Pipeline	Debs.	40.0	Dec. 1
Pullman Transports Leasing Company	Equips.	23.2	Dec. 1
Rockwell Manufacturing Co.	Equips.	35.0	Dec. 1
Detroit Edison Co.	1st. Mtg.	150.0	Dec. 2
New England Pwr. Co.	1st. Mtg.	20.0	Dec. 2
National Steel Corp.	Bds.	90.0	Dec. 3
Santa Fe Pipeline Co.	Debs.	40.0	Dec. 3
Southern Calif. Edison Co.	Bds.	100.0	Dec. 3
Mississippi Pwr. Co.	1st. Mtg.	15.0	Dec. 7
Consolidated Nat. Gas Co.	Debs.	45.0	Dec. 8
Iowa Elec. Light & Pwr. Co.	Bds.	15.0	Dec. 8
Penna. Pwr. & Lt. Co.	Pfd. Stk.	30.0	Dec. 8
Gulf States Utilities	1st. Mtg.	30.0	Dec. 9
Philadelphia Elec. Co.	Bds.	100.0	Dec. 9
Wabash Railroad Co.	Bds.	45.0	Dec. 10
N. Y. Tel. Co.	Bds.	200.0	Dec. 14
Northwestern Bell Tel. Co.	Debs.	150.0	Jan. 5
Union Elec. Co.	Bds.	50.0	Jan. 6

TABLE 7: Forthcoming Large Long-term Public Security Offerings for New Capital (Other than U.S. Treasury)¹ As of November 20, 1970

ISSUER	TYPE	AMOUNT (MILLIONS OF DOLLARS)	APPROXIMATE DATE OF OFFERING
<u>State and Local</u>			
Oakland Co., Michigan	G.O.	35.9	Nov. 23
*Bartholomew Sch. Bd. Corp. Ind.	G.O.	12.9	Nov. 24
*DeKalb Co., Ga.	G.O.	15.2	Nov. 24
Michigan	G.O.	60.0	Dec. 1
Los Angeles Dept. of Wtr. & Pwr. Calif.	Rev.	39.0	Dec. 2
Nebraska Pub. Pwr. Dist.	Rev.	153.0	Dec. 3
N. Y. St. Hsg. Finance Agency	G.O.	90.9	Dec. 3
*N. Y. State	G.O.	94.5	Dec. 8
Charlotte, N. C.	G.O.	16.0	Dec. 8
California	G.O.	75.5	Dec. 8
Detroit, Michigan	Rev.	46.0	Dec. 8
Nassau Co., N. Y.	G.O.	41.2	Dec. 9
Salt River Project, Arizona	G.O.	40.0	Dec. 9
Penn., State of	G.O.	125.0	Dec. 10
Columbus, Ohio	G.O.	13.9	Dec. 14
San Francisco, Calif.	G.O.	52.9	Dec. 14
Hennepin Co., Minn.	G.O.	16.2	Dec. 15
Maryland, State of	G.O.	49.5	Dec. 15
Philadelphia, Pa.	G.O.	49.7	Dec. 15
Los Angeles Harbor Dept. Calif.	Rev.	16.0	Dec. 16
Richmond, Va.	G.O.	30.0	Dec. 16
Municipality of Metro. Seattle, Wash.	G.O.	20.0	Dec. 17
*Metro Wtr. Dist. of So. Cal.	G.O.	100.0	Jan. 1
Sacramento Municipal Utility Dist., Calif.	Rev.	50.0	Jan. 20

* Included in table for first time.

1 Includes corporate and other issues of \$15 million and over; State and local Government issues of \$10 million and over.

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

TABLE 8: Stock Prices and Volume

DATE	STOCK PRICES ¹			TRADING VOLUME ²	
	S&P 500 ³	D.J. - IND.	AMEX ⁴	NYSE	AMEX
1968 - High	108.37(11/29)	985.21(12/13)	33.24(12/20)	82.61(6/7)	45.4(6/7)
Low	87.72(3/5)	825.13(3/21)	21.97(3/25)	34.0(2/23)	14.1(2/23)
1969 - High	106.16(5/14)	968.85(5/14)	32.91(1/3)	82.6(10/17)	38.4(5/9)
Low	89.20(7/17)	769.93(12/17)	25.02(7/29)	32.8(4/4)	12.9(4/4)
1970 - High	93.46(1/5)	811.31(1/5)	27.02(1/8)	80.7(5/26)	28.4(1/2)
Low	69.29(5/26)	631.16(5/26)	19.36(5/27)	35.1(7/3)	8.3(7/3)
1970 - Oct. 30	85.25	755.61	22.91	50.5	12.9
Nov. 6	84.22	771.97	21.95	54.2	11.9
13	83.37	759.79	21.63	60.9	14.6
20	83.72	761.57	21.44	48.7	12.5

1. Figures other than highs and lows are Fridays only. Highs and lows are for the year and are not necessarily for Fridays.
2. 1941-43 = 10.
3. Average dollar value of shares listed.
4. NYSE is the New York Stock Exchange; AMEX is the American Stock Exchange. Total number of shares traded per week (millions of shares). Trading is normally conducted for 5-1/2 hours per day and 5 days per week, or 27-1/2 hours per week. In recent years, however, abbreviated trading to the extent, and over the time periods, shown below:

<u>From:</u>	<u>Through:</u>	<u>Hours/ Day</u>	<u>Days/ Week</u>	<u>Hours/ Week</u>
August 8, 1967	August 20, 1967	4	5	20
January 22, 1968	March 1, 1968	4	5	20
June 30, 1968	December 31, 1968	5-1/2	4	22
January 3, 1969	July 3, 1969	4	5	20
July 7, 1969	December 31, 1969	4-1/2	5	22-1/2
January 2, 1970	May 1, 1970	5	5	25

STOCK PRICES AND TRADING VOLUME

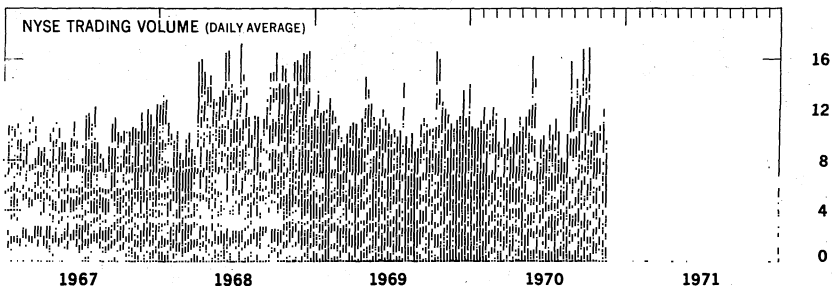
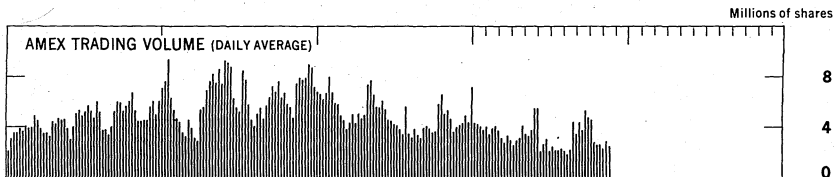
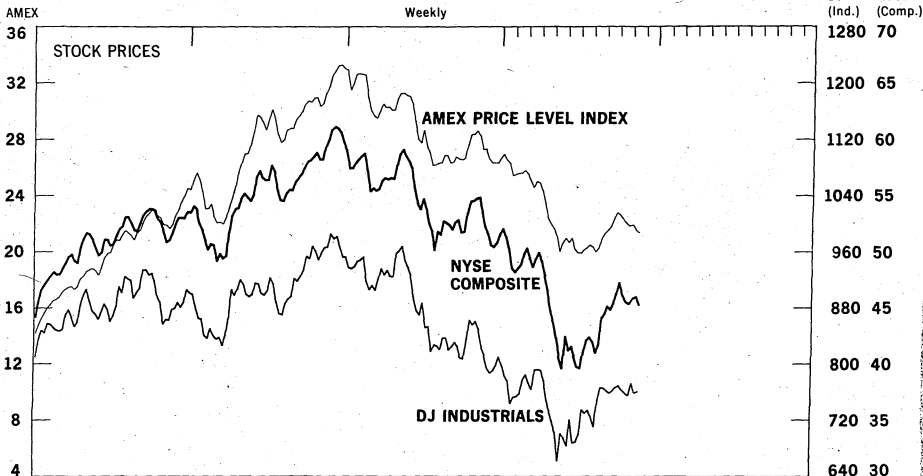


TABLE 9: Security Credit

END OF PERIOD	CREDIT EXTENDED TO MARGIN CUSTOMERS BY:			CUSTOMERS' NET DEBIT BALANCES	CUSTOMERS' NET FREE CREDIT BALANCES	NET CREDIT EXTENDED BY BROKERS AND DEALERS ³
	BROKERS ¹	BANKS ²	TOTAL			
<u>Outstanding:</u>						
1969 - Sept.	4,940	2,620	7,560	7,039	2,579	4,460
Oct.	5,040	2,570	7,610	7,243	2,753	4,490
Nov.	5,070	2,520	7,590	7,111	2,613	4,498
Dec.	4,970	2,580	7,550	7,445	2,803	4,642
1970 - Jan.	4,680	2,430	7,110	6,683	2,626	4,057
Feb.	4,570	2,370	6,940	6,562	2,563	4,099
Mar.	4,520	2,370	6,890	6,353	2,441	3,912
Apr.	4,360	2,330	6,690	5,985	2,248	3,724
May	4,160	2,290	6,450	5,433	2,222	3,211
June	4,150	2,290	6,150	5,281	2,009	3,272
July	3,800	2,290	6,090	(4)	(5) 2,180	(4)
Aug.	3,810	2,300	6,110	(4)	2,083	(4)
Sept.	3,920	2,330	6,250	(4)	2,236	(4)
<u>Change in</u>						
<u>Outstanding:</u>						
1969 - Sept.	-60	-50	-110	20	2	18
Oct.	100	-50	50	204	174	30
Nov.	30	-50	-20	-132	-140	8
Dec.	-100	60	-40	334	190	144
1970 - Jan.	-290	-150	-440	-762	-177	-585
Feb.	-110	-40	-170	-121	-163	42
Mar.	-50	--	-50	-209	-22	-187
Apr.	-160	-40	-200	-368	-193	-188
May	200	-40	240	-552	-26	-513
June	-10	--	-300	-152	-213	-61
July	-350	--	-60	--	171	--
Aug.	-10	10	-20	--	97	--
Sept.	110	30	140	--	153	--

1 Margin debt, as reported by the New York Stock Exchange. Although margin debt until March 1968 included loans secured by U.S. governments, the amount of such loans included is thought to have been small.

2 "Bank loans to others than brokers and dealers for purchasing or carrying securities other than U.S. governments."

3 The difference between customers' net debit balances and customers' net free credit balances, this figure represents the net credit extended by brokers and dealers to the nonfinancial public.

NOTE: With the exception of bank loan data, figures are supplied by the New York Stock Exchange and are end of month data. Bank loans are for weekly reporting large commercial banks. Broker data includes loans for regulated securities; bank data includes loans for the purpose of purchasing or carrying any security, whether regulated or not. 4 Series discontinued. 5 Changes in series.

TABLE 10: Savings Flows at Nonbank Depository Intermediaries
(\$ millions)

DATE	MUTUAL SAVINGS BANKS			SAVINGS & LOAN ASSOCIATIONS			TOTAL		
	REGULAR DEPOSITS ³		NET NEW MONEY ²	SHARE CAPITAL		NET NEW MONEY ²	DEPOSITS		NET NEW MONEY ²
	NET FLOW	ANNUAL GROWTH RATE ¹		NET FLOW	ANNUAL GROWTH RATE ¹		NET FLOW	ANNUAL GROWTH RATE ¹	
	<u>Not Seasonally Adjusted</u>								
1967	5,082	9.3	2,376	10,649	9.3	6,136	15,371	9.3	8,512
1968	4,203	7.0	1,143	7,432	6.0	2,738	11,635	6.3	3,881
1969	2,549	4.0	-763	4,019	3.1	-1,003	6,568	3.4	-1,766
1969 - Aug.	95	--	24	-8	--	-25	87	--	-1
Sept.	303	--	-269	879	--	-104	1,182	--	-373
Oct.	-138	--	-266	-406	--	-430	-544	--	-696
1970 - Aug.	176	--	81	550	--	511	726	--	592
Sept.	575	--	-8	1,832	--	575	2,407	--	567
Oct. p/	260	--	115	1,135	--	1,064	1,395	--	1,179
	<u>Seasonally Adjusted⁴</u>								
1970 - May	315	5.6	--	587	5.2	--	902	5.3	--
June	386	6.8	--	813	7.1	--	1,199	7.0	--
July	497	8.8	--	1,776	15.5	--	2,273	13.3	--
Aug.	268	4.7	--	785	6.8	--	1,053	6.1	--
Sept.	437	7.6	--	1,398	12.0	--	1,835	10.5	--
Oct. p/	428	7.4	--	1,404	11.9	--	1,832	10.4	--

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

2 Net New Money is new deposits net of both withdrawals and interest. Data for S&Ls are for insured associations only, which represent 96% of industry total resources.

3 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.

SOURCE: National Association of Mutual Savings Banks and Federal Home Loan Bank Board.

4 Reflects revised seasonal adjustments.

SAVINGS FLOWS (seasonally adjusted)

Monthly

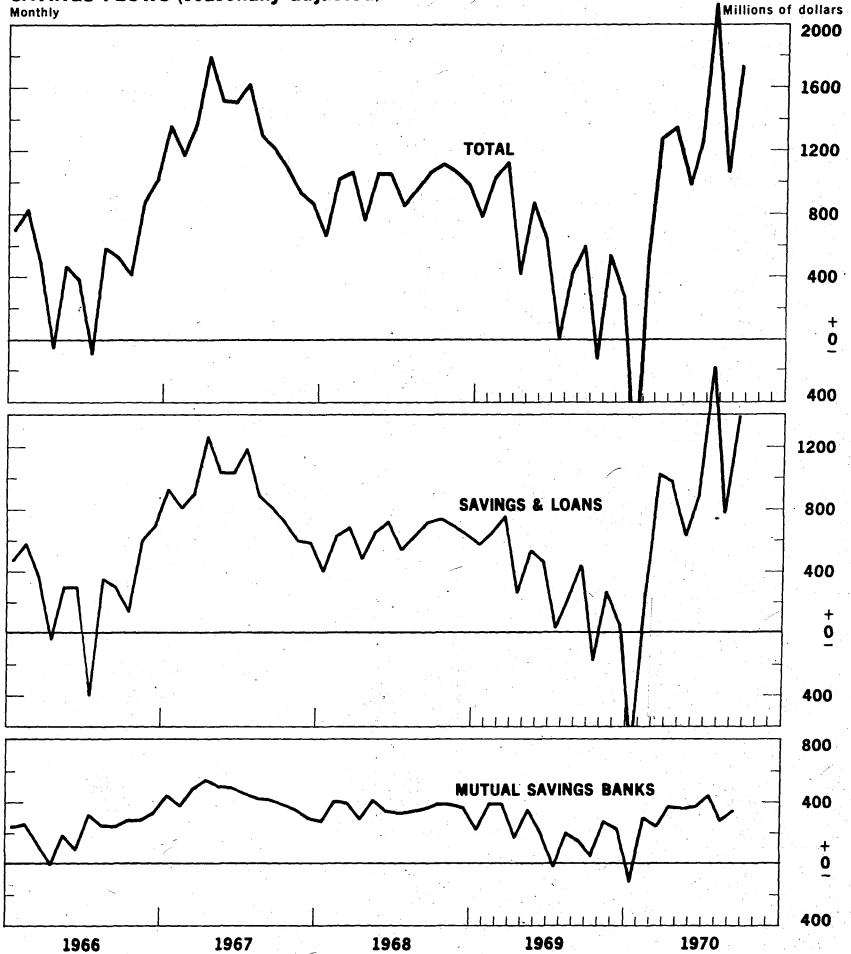


TABLE 11: Mortgage Commitments at Selected Thrift Institutions¹

DATE	OUTSTANDING COMMITMENTS			NET CHANGE		
	TOTAL	ALL SAVINGS & LOAN ASSOCIATIONS	MUTUAL SAVINGS BANKS (N.Y. STATE)	TOTAL	ALL SAVINGS & LOAN ASSOCIATIONS	MUTUAL SAVINGS BANKS (N.Y. STATE)
(Billions of Dollars, Seasonally Adjusted) <u>1/</u>						
1969 - Sept.	9.2	6.4	2.8	-.31	-.18	-.13
Oct.	8.9	6.1	2.7	-.33	-.23	-.09
Nov.	8.6	5.9	2.7	-.24	-.18	-.06
Dec.	8.4	5.8	2.6	-.25	-.12	-.13
1970 - Jan.	8.2	5.6	2.6	-.17	-.22	.04
Feb.	7.9	5.4	2.5	-.30	-.23	-.07
Mar.	7.6	5.2	2.5	-.26	-.21	-.05
Apr.	7.8	5.4	2.4	.13	.26	-.13
May	8.0	5.8	2.2	.24	.38	-.14
June	8.2	6.1	2.1	.22	.30	-.09
July	8.6	6.5	2.0	.35	.40	-.05
Aug.	9.8	6.8	2.0	.18	.27	-.09
Sept.	9.1	7.2	1.9	.29	.39	-.10

¹ Based on data from Federal Home Loan Bank Board and Savings Banks Associations of New York State. Net changes are derived directly from unrounded outstandings levels as reported and after seasonal adjustment by Federal Reserve. Subtotals may not add to totals because of rounding. Mutual Savings Banks and total data include building loans beginning August 1967.

MORTGAGE COMMITMENTS OUTSTANDING (seasonally adjusted)

Monthly

Billions of dollars

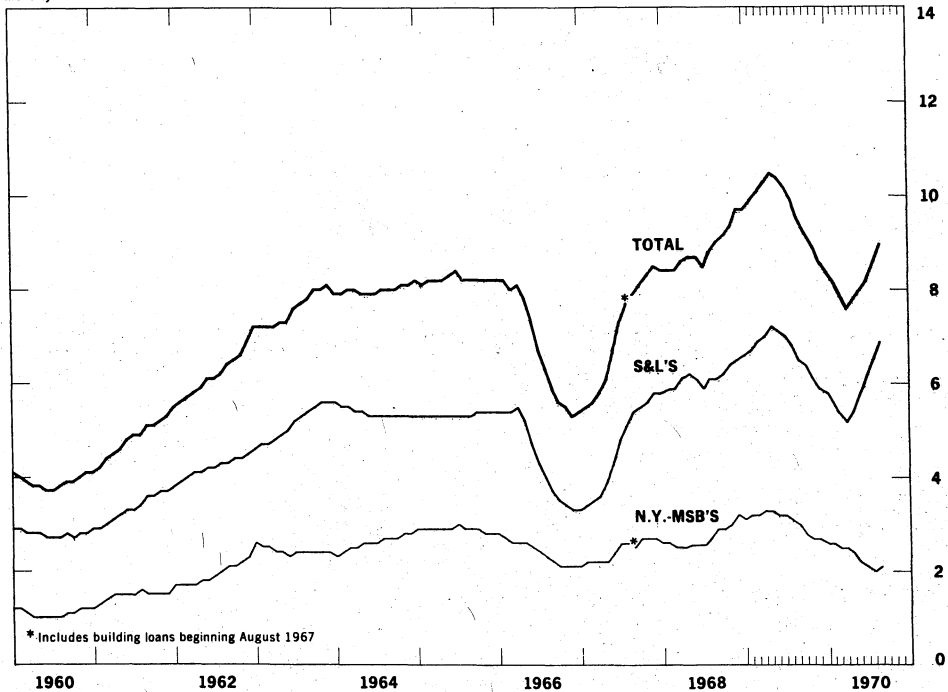


TABLE 12: Net Change in Mortgage Holdings ¹

DATE	TOTAL INCLUDING FNMA-GNMA	FINANCIAL INSTITUTIONS					LIFE INSURANCE COMPANIES	FNMA-GNMA
		TOTAL	COMMERCIAL BANKS	MUTUAL SAVINGS BANKS	SAVINGS & LOAN ASSOC.			
<u>Not Seasonally Adjusted</u>								
1966	18,105	15,782	4,705	2,720	3,761	4,596	2,323	
1967	20,016	18,219	4,639	3,153	7,520	2,907	1,797	
1968	23,781	21,273	6,677	2,787	9,350	2,459	2,508	
1969	24,051	19,676	5,535	2,682	9,407	2,052	4,375	
1969 - July	r 1,731	r 1,438	200	215	865	158	293	
Aug.	r 2,151	r 1,623	400	181	844	r 198	528	
Sept.	1,942	1,441	500	120	667	154	501	
Oct.	1,795	1,206	300	158	608	140	589	
1970 - July	2,089	1,626	200	160	1,079	187	463	
Aug.	1,967	1,568	200	182	1,111	75	399	
Sept.	2,213	1,851	400	216	1,122	113	362	
Oct.	n.a.	n.a.	200	n.a.	1,202	n.a.	n.a.	
<u>Seasonally Adjusted</u>								
1969 - Sept.	r 1,851	r 1,340	383	137	654	r166	511	
Oct.	1,734	1,166	244	124	627	171	568	
Nov.	1,652	1,069	237	146	547	139	583	
Dec.	1,906	1,292	347	235	576	134	614	
1970 - Jan.	r 1,443	r 887	r 238	24	400	225	556	
Feb.	r 1,554	r 1,055	r 235	143	436	241	499	
Mar.	r 1,277	r 761	r 163	197	276	125	516	
Apr.	r 1,312	r 818	r 67	205	357	189	494	
May	r 1,429	r 1,002	r 58	160	588	196	418	
June	r 1,890	r 1,436	56	220	935	225	454	
July	2,105	1,599	151	128	1,075	245	506	
Aug.	1,705	1,307	110	158	985	54	398	
Sept.	2,122	1,751	282	234	1,110	125	371	
Oct.	n.a.	n.a.	143	n.a.	1,219	n.a.	n.a.	

1. Monthly data for commercial banks based on Federal Reserve estimates benchmarked to Call Report data on real estate loans outstanding as available. Other data derived from mortgage debt outstanding as reported separately by National Assn. of Mutual Savings Banks, Federal Home Loan Bank Board, Institute of Life Insurance and, through August 1968, the Federal National Mortgage Association, and thereafter by FNMA and the Government National Mortgage Association. Data for mutual savings banks and for Life Insurance companies may differ somewhat from those derived from regular quarterly series because of minor conceptual differences for which adjustments are not made in the monthly series. Altogether, these groups accounted for 86 per cent of the net increase estimated for all holders in 1969.

NET CHANGE IN MORTGAGE HOLDINGS (seasonally adjusted)

Monthly

Billions of dollars

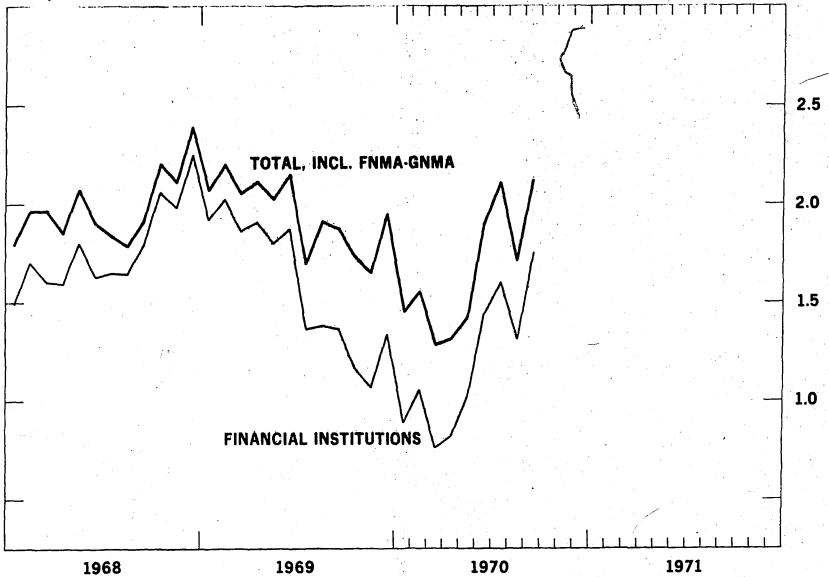


TABLE 13: Net Increases in Mortgage Debt Outstanding¹
 Billions of dollars, SAAR²

QUARTER	TOTAL	RESIDENTIAL ³	1- to 4- FAMILY	MULTI- FAMILY	COMMERCIAL	MULTI-AND COMMERCIAL	FARM
1966 - IIIp	18.7	11.0	8.4	2.6	5.5	8.2	2.2
IVp	15.2	9.2	7.0	2.1	4.2	6.2	1.8
1967 - Ip	15.6	10.0	6.8	3.2	3.8	7.2	1.8
IIp	20.5	13.8	10.5	3.4	4.9	8.2	1.8
IIIp	27.0	19.6	15.7	3.9	4.9	8.7	2.5
IVp	27.5	19.9	16.0	3.9	4.9	8.8	2.7
1968 - Ip	27.1	18.4	15.4	3.0	6.3	9.4	2.3
IIp	25.9	18.0	14.8	3.2	5.7	8.9	2.2
IIIp	26.5	18.2	14.6	3.5	6.5	10.1	1.8
1969 - Ip	30.4	22.1	17.9	4.2	6.1	10.3	2.2
IIp	28.5	21.2	16.5	4.7	5.0	9.6	2.3
IIIp	27.0	19.9	15.2	4.7	5.3	10.0	1.8
IVp	25.6	18.6	13.1	5.5	5.8	11.3	1.3
1970 - Ip	20.3	14.0	9.3	4.8	4.9	9.6	1.5
IIp	23.8	17.5	11.9	5.5	4.7	10.2	1.6

- 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 non-farm 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 combined.

NET INCREASES IN MORTGAGE DEBT OUTSTANDING

Quarterly

Billions of dollars, seasonally adjusted annual rate

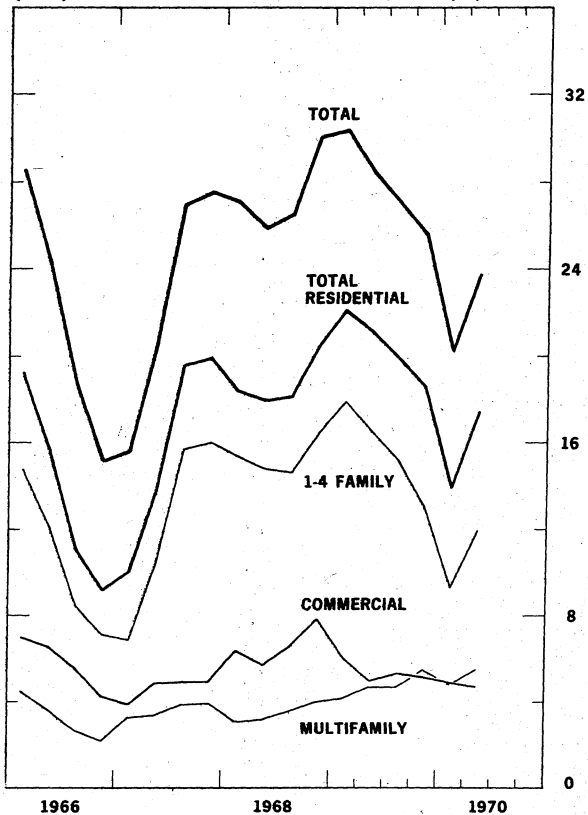


TABLE 14: FNMA Weekly "Auction" Results

WEEK ENDED	COMMITMENTS IN \$ MILLIONS					IMPLICIT YIELD ² (per cent)			
	TOTAL OFFERED	ACCEPTED				90-DAY	6-MONTH	1-YEAR ¹ & OVER	
		TOTAL	90-DAY	6-MONTH	1-YEAR ¹ & OVER				
1970 - June	1	224.2	113.8	31.1	71.4	11.3	9.20	9.24	9.27
	15	249.7	127.9	34.2	86.7	7.0	9.27	9.30	9.31
	29	156.3	98.9	30.6	56.5	11.8	9.32	9.33	9.34
July	13	286.2	113.3	25.0	73.0	15.3	9.20	9.21	9.22
	27	323.8	150.4	37.0	91.1	22.3	9.10	9.12	9.12
Aug.	10	441.3	180.2	41.4	91.0	47.8	9.03	9.03	9.04
	24	575.0	215.1	48.8	124.4	41.9	9.03	9.03	9.03
Sept.	8	384.2	200.1	45.6	117.0	37.5	9.06	9.04	9.04
	21	207.8	195.3	40.1	121.5	33.7	9.01	9.01	9.02
Oct.	5	267.5	149.8	62.2	73.1	14.5	8.90	8.92	8.97
	19	352.5	149.7	53.2	88.1	8.4	8.89	8.90	8.95
Nov.	2	341.5	181.2	100.1	62.4	18.7	8.90	8.93	8.93
	16	222.4	170.3	75.8	79.4	15.1	8.89	8.90	8.92

Note: Under the FNMA auction system, approved sellers of Government-underwritten mortgages bid for FNMA forward purchase commitments, subject to an over-all dollar limit announced by FNMA in advance. Bids accepted by FNMA are for delivery at the seller's option, and at any time within the specified period. Bids on proposed homes relate to construction not yet started on which mortgages may be delivered only after completion and occupancy.

- 1 For "proposed construction" of new homes only.
- 2 Average secondary market yield after allowance for commitment fee and required purchase and holding of FNMA stock, assuming prepayment of 15 years for 30-year Government-underwritten mortgages. Yields shown are gross, before deduction of 38 basis points fee paid by investors to servicers. Prior to August 10, 1970 the servicing fee was 50 basis points.
- 3 FNMA announced limit of accepted bids for next week's auction.

FNMA "AUCTION" RESULTS

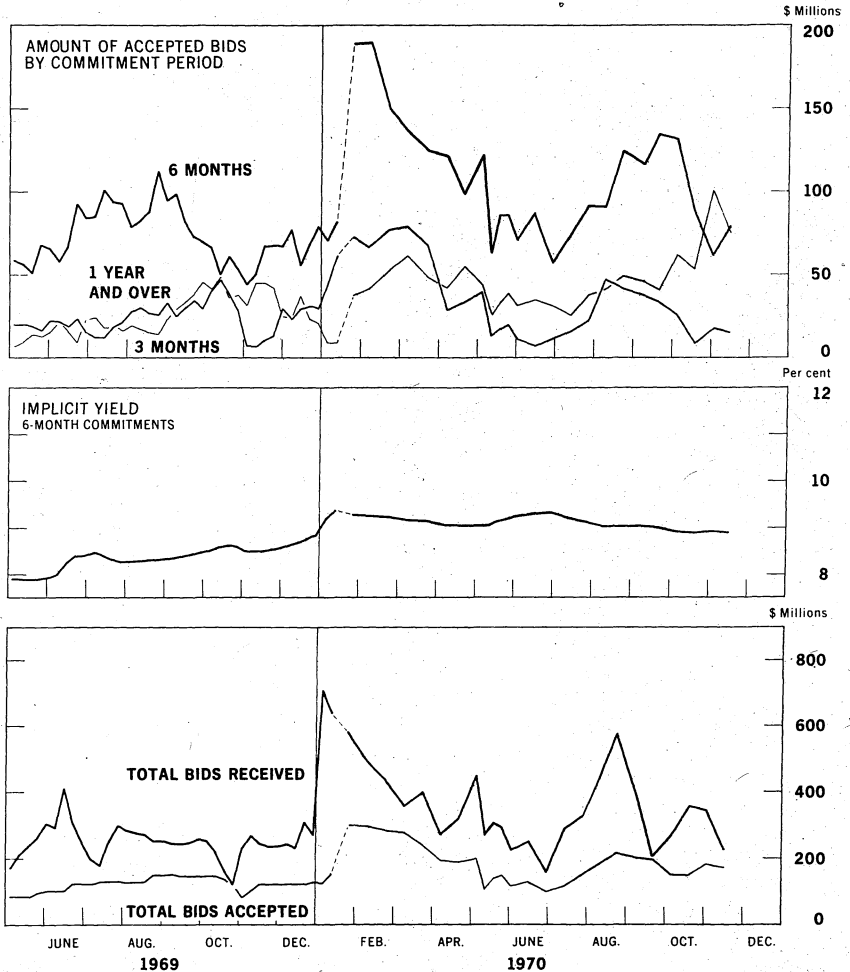


TABLE 15: Private Housing Starts and Permits

DATE	STARTS							BUILDING PERMITS (SEASONALLY ADJUSTED ANNUAL RATE) ²
	SEASONALLY ADJUSTED ANNUAL RATE			TOTAL	UNADJUSTED			
	TOTAL	1-FAMILY	2 OR MORE		TYPE OF FINANCING			
				FHA	VA	OTHER		
1969 - Sept.	1,481	828	653	129.3	18.3	4.8	106.2	1,201
Oct.	1,390	766	624	123.4	25.1	5.0	93.3	1,183
Nov.	1,280	762	518	94.6	18.8	3.9	74.7	1,191
Dec.	1,402	776	626	84.1	23.2	4.2	57.9	1,239
1970 - Jan.	1,059	577	482	66.4	16.5	3.4	46.5	1,013
Feb.	1,306	725	581	74.3	17.5	3.9	52.9	1,137
Mar.	1,392	708	684	114.7	25.2	4.8	84.7	1,099
Apr.	1,224	697	527	128.4	32.4	5.4	90.6	1,263
May	1,242	728	514	125.0	37.1	5.2	80.8	1,321
June	1,393	835	558	135.2	40.7	5.1	89.4	1,306
July	1,603	827	776	140.8	43.4	5.3	92.1	1,275
Aug. p	1,412	830	582	127.4	34.1	5.7	87.7	1,326
Sept.p	1,504	884	620	130.8	n.a.	n.a.	n.a.	1,368

- 1 Total starts are Census estimates including farm for both permit-issuing and non-issuing areas. A dwelling unit is started when excavation begins; all units in an apartment structure are considered started at that time. FHA and VA starts are units started under commitments by these agencies to insure or guarantee the mortgages. As reported by FHA and VA, a unit is started when a field office receives the first compliance inspection report, which is made before footings are poured in some cases but normally after the foundations have been completed. Other starts are derived as a residual, although total and FHA and VA starts are not strictly comparable in concept or timing; other starts include both units financed by conventional mortgages and units without mortgages.
- 2 Building permits before January 1963 are Census estimates for about 10,000 areas identified as having a local building permit system in 1959. Estimates beginning January 1963 are for approximately 12,000 and beginning January 1967 13,000, or all known permit-issuing places. Unlike starts, seasonally adjusted building permits reflect direct adjustment for differences in the number of working days per month, as well as other differences in timing and coverage.

PRIVATE HOUSING STARTS AND PERMITS

Monthly, annual rates

Millions of units

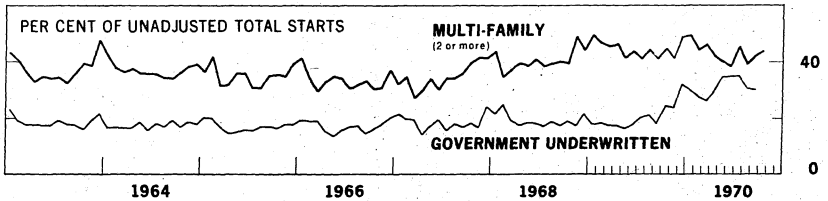
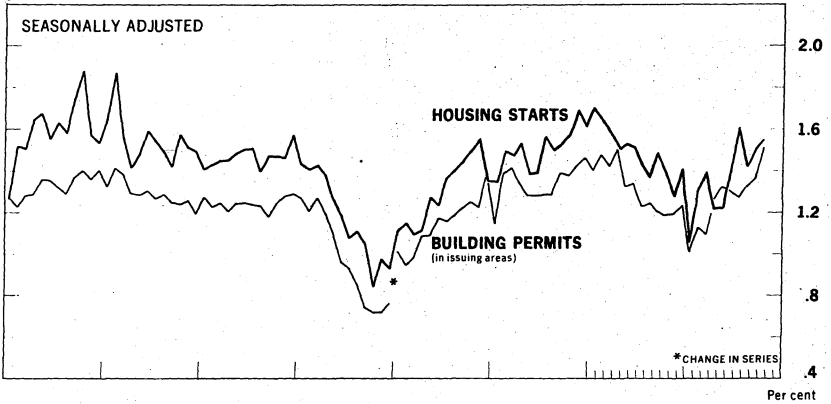


TABLE 16: Mortgage and Bond Yields ¹

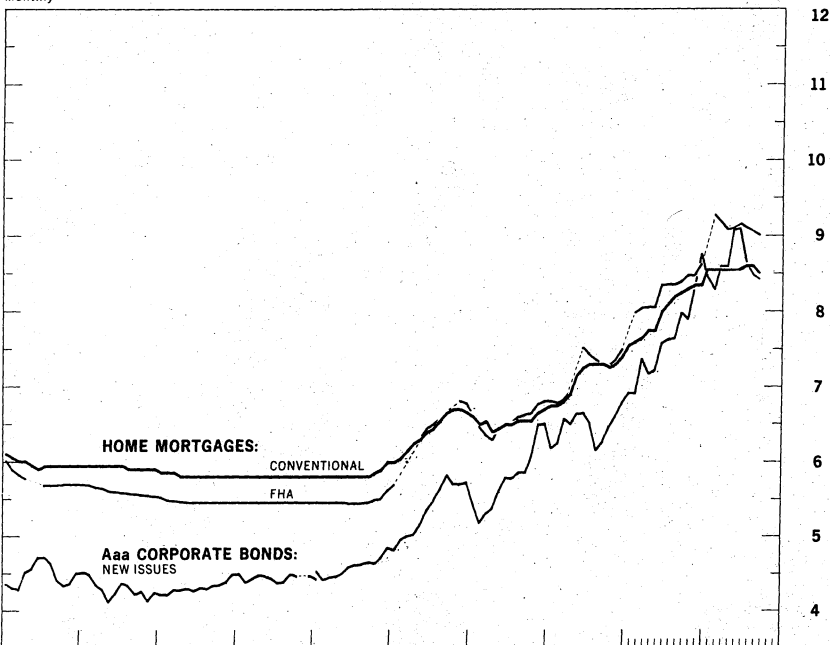
DATE	FHA MORTGAGES ²		CONVENTIONAL MORTGAGES ³	SPREAD BETWEEN YIELDS ON CONV. & FHA MORTGAGES	NEW Aaa CORPORATE BONDS ⁴	SPREAD BETWEEN YIELDS ON NEW CORPORATE BONDS AND FHA MORTGAGES
	25-YEAR	30-YEAR				
1959-60 - High	6.26	n.a.	6.30	.23	5.25	1.69
1961-66 - Low	5.43	5.44	5.80	.25	4.41	.77
1966 - High	6.73	6.81	6.70	.30	5.82	1.16
1967 - High	n.a.	6.81	6.70	.11	6.51	1.28
- Low	n.a.	6.29	6.40	-.12	5.18	.27
1968 - High	n.a.	7.52	7.40	.12	6.79	1.20
Low	n.a.	6.78	6.75	-.27	6.15	.26
1969 - High	n.a.	8.62	8.35	.40	8.75	1.08
Low	n.a.	7.99	7.55	.13	6.91	-1.13
1970 - Apr.	n.a.	9.10	8.55	-.55	8.60	.50
May	n.a.	9.11	8.55	-.56	9.10	.01
June	n.a.	9.16	8.55	-.61	9.11	.05
July	n.a.	9.11	8.60	-.51	8.63	.48
Aug.	n.a.	9.07	8.60	-.47	8.48	.59
Sept.	n.a.	9.01	8.50	-.49	8.42	.59

- 1 Neither mortgage nor bond yields include allowance for servicing costs which are much higher for mortgages than for bonds. Generally, bonds pay interest semi-annually; mortgages, monthly. Mortgage yields, if computed as equivalent to a semi-annual interest investment, would be slightly higher than given in the table.
- 2 Based on FHA-field-office opinions about average bid prices in the private secondary market for new-home mortgages for immediate delivery. Separate data available for 25-year and--beginning July 1961--30-year mortgages with minimum downpayments, weighted by probable volume of transactions. Yields computed by FHA, assuming prepayment period of 12 years for 25-year mortgages and 15 years for 30-year mortgages. Over the period for which they can be compared, the movement of the two mortgage yield series has been similar. Dashed lines indicate periods of adjustment to changes in contractual interest rates.
- 3 Based on FHA-field-office opinion on typical interest rates (rounded) on conventional first mortgages prevailing in the market areas of insuring office-cities. Beginning with April 1960, rate relates only to new-home mortgages; prior to that date, rate related to both new as well as existing-home mortgages. Dashed line indicates this change in the series.
- 4 See note for Table 1.

MORTGAGE AND BOND YIELDS

Monthly

Per cent



YIELD SPREAD(FHA MORTGAGE VS. NEW ISSUE Aaa CORPORATE BONDS)

Basis Points

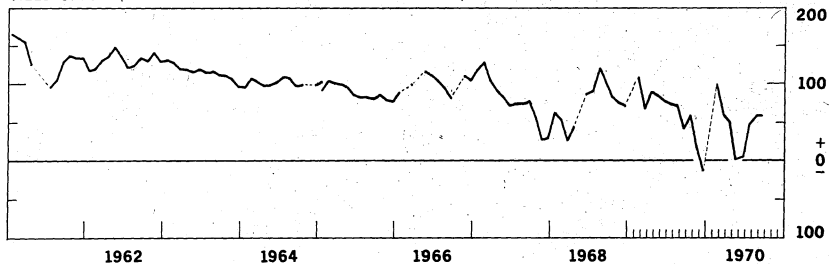


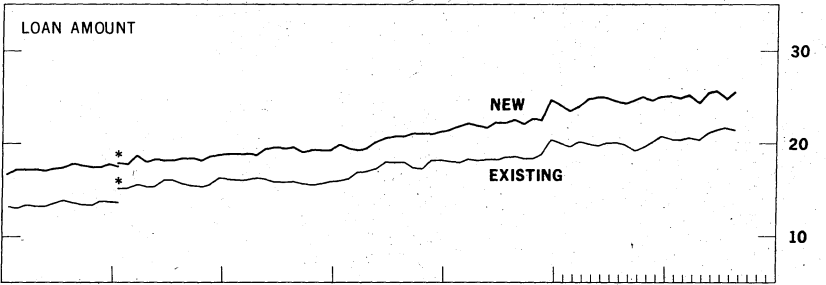
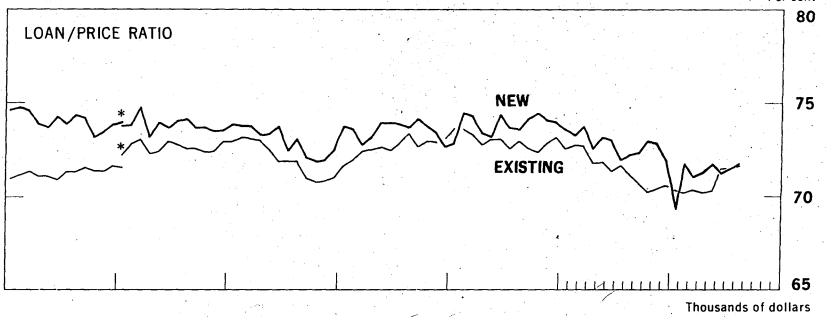
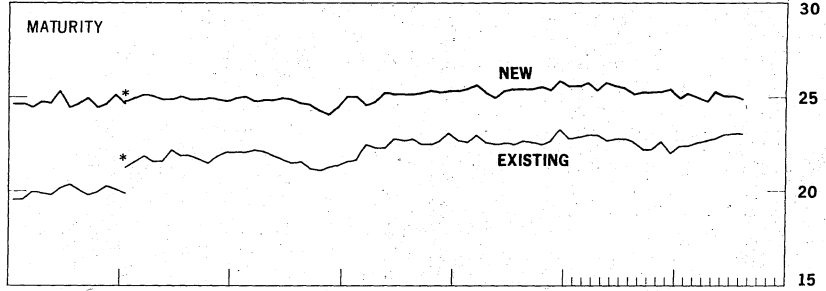
TABLE 17: Conventional Mortgage Terms ¹

DATE	NEW HOMES						EXISTING HOMES					
	CON-TRACT RATE (PER CENT)	FEEES & CHARGES (PER CENT) 2	EFPEC-TIVE RATE 3	MATURITY (YEARS)	LOAN/PRICE RATIO (PER CENT)	LOAN AMT. (\$000) 4	CON-TRACT RATE (PER CENT)	FEEES & CHARGES (PER CENT) 2	EFPEC-TIVE RATE 3	MATU-RITY (YEARS)	LOAN/PRICE RATIO (PER CENT)	LOAN AMT. (\$000) 4
<u>1969</u>												
Aug.	7.86	0.86	8.00	25.2	72.3	24.3	7.90	0.93	8.05	22.6	71.2	19.8
Sept.	7.89	0.92	8.05	25.3	72.9	25.0	7.98	0.91	8.13	22.2	70.7	19.2
Oct.	7.99	0.89	8.13	25.3	72.8	24.6	8.00	0.90	8.15	22.6	70.4	19.5
Nov.	7.97	0.96	8.13	25.3	72.8	24.6	8.00	0.90	8.15	22.6	70.4	20.1
Dec.	8.07	1.06	8.25	25.4	71.9	25.0	8.08	0.93	8.24	22.9	70.6	20.8
<u>1970</u>												
Jan.	8.16	1.08	8.34	25.0	69.3	25.1	8.13	0.94	8.29	22.4	70.3	20.5
Feb.	8.23	1.09	8.41	24.2	71.8	24.9	8.23	1.02	8.41	22.4	70.2	20.4
Mar.	8.29	1.11	8.47	25.0	71.1	25.1	8.26	0.98	8.43	22.6	70.4	20.6
Apr.	8.23	1.02	8.40	24.8	71.1	24.5	8.20	0.90	8.35	22.8	70.4	20.4
May	8.28	0.98	8.45	25.3	71.7	25.3	8.18	0.94	8.34	22.8	70.3	21.1
June	8.31	0.99	8.48	25.1	71.3	25.6	8.19	0.98	8.36	23.0	71.5	21.5
July	8.32	1.01	8.49	25.1	71.5	24.9	8.21	0.95	8.37	23.1	71.5	21.7
Aug.	8.35	0.99	8.51	24.9	71.8	25.5	8.25	0.89	8.40	23.1	71.7	21.4

1. Compiled by Federal Home Loan Bank Board in cooperation with Federal Deposit Insurance Corporation. Data are weighted averages based on probability sample survey of characteristics of conventional first mortgages originated by major institutional lender groups (including mortgage companies) for purchase of single family homes. Data exclude loans for refinancing, reconditioning or modernization; construction loans to home-builders; and permanent loans which are coupled with construction loans to owner-builders. Related series on conventional mortgage rates only, based on unweighted opinions of field-office directors of the Federal Housing Administration, are available somewhat sooner than the results of the FHLBB-FDIC survey, and are included in the case of new home mortgage rates--in Table 16.
2. Fees and charges--expressed as a percentage of the principal mortgage amount--include loan commissions, fees, discounts, and other charges which provide added income to the lender and are paid by the borrower. They exclude any closing costs related solely to transfer of property ownership.
3. Includes fees & charges amortized over a 10 year period in addition to the contract interest rate.
4. Derived by FRB.

CONVENTIONAL MORTGAGE TERMS

Monthly



1964

1966

1968

1970

* CHANGE IN SERIES