

DECONTROLLED AFTER SIX MONTHS

~~Matter~~ /  
Wilson

L.5.8 Confidential (F.R.)

DECEMBER 8, 1969.

DEC 10 1969  
FEDERAL RESERVE BANK  
OF RICHMOND

*Capital market*

# CAPITAL MARKET DEVELOPMENTS

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

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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 <sup>2</sup>		
	NEW ISSUE <sup>1</sup>	MOODY'S SEASONED Aaa	GROSS OFFERINGS	PER CENT SOLD BY END OF WEEK	BONDS SCHEDULED WITHIN 28 DAYS
1969 - Nov. 7	8.13	7.26	261	67	991
14	8.27	7.29	365	81	1,071
21	8.44	7.38	241	79	903
28	8.67	7.48	185	91	733
Dec. 5	8.85	7.59	520e	99	586
12p/	n. a.	n. a.	400e	n. a.	n. a.
WEEK ENDING:	MUNICIPAL BOND MARKET				
	YIELDS		VOLUME <sup>2</sup>		
	MOODY'S SEASONED Aaa	BOND BUYER SEASONED 20 BOND INDEX	GROSS OFFERINGS	PER CENT SOLD BY END OF WEEK	BONDS SCHEDULED WITHIN 28 DAYS
1969 - Nov. 7	5.75	6.11	246	48	903
14	5.78	6.17	83	67	954
21	5.95	6.36	314	59	913
28	6.05	6.58	219	86	683
Dec. 5	6.34	6.72	273	97	437
12p/	n. a.	n. a.	200e	n. a.	n. a.

<sup>1</sup> 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.)

<sup>2</sup> 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	
12/4	20.0	Columbus & So. Ohio Electric	9.00	8.90	Aa 5 years	35%	
11/24	13.0	General Tel. New York	9.50	9.45	Baa 5 years	80%	

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							
11/25	12/1	25.0	Louisiana Pwr. & Lt.	9-3/8	9.25	+ 18	A 5 yrs.	50%
11/19	12/1	80.0	Pacific Gas & Elec.	9.00	8.81	+ 25	Aa 5 yrs.	20%
11/13	12/2	100.0	B.F. Goodrich	8.25	8.25	+ 35	A 10 yrs.	10%

INVENTORIES <sup>1</sup>				
DATE		MUNICIPALS		CORPORATES
		BLUE LIST	IN SYNDICATE	IN SYNDICATE
1969 - Nov.	7	555	241	90
	14	560	164	88
	21	609	223	68
	28	r/583	142	59
Dec.	5p/	515	83	16

N.C. - No call protection.

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

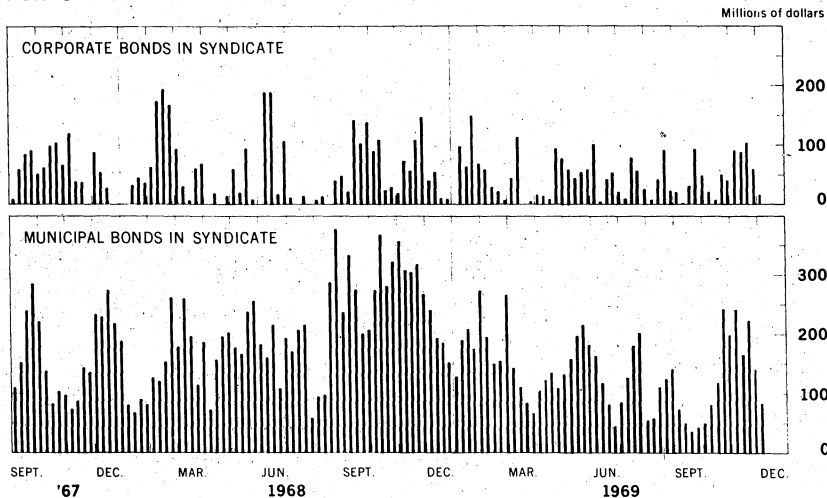


TABLE 3: High Grade Bond Yields

DATE	NEW CORPORATE Aaa <sup>1</sup>	MOODY'S SEASONED CORPORATE Aaa <sup>2</sup>	U. S. GOVERNMENT 20-YEAR CONSTANT MATURITIES <sup>3</sup>	BOND BUYER'S SEASONED MUNICIPALS <sup>4</sup>
1967 - High	6.55(12/8)	6.24(2/29)	5.73(11/7)	4.45(12/7)
Low	5.11(2/10)	5.00(2/10)	4.48(1/20)	3.40(2/2)
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)	7.59(12/5)	6.84(11/12)	6.72(12/5)
Low	6.90(2/21)	6.55(1/3)	5.96(1/24)	4.82(1/28)
1969 - Nov. 14	8.27	7.29	6.71	6.17
21	8.44	7.38	6.84	6.36
28	8.67	7.50	6.80	6.58
Dec. 5p/	8.85	7.59	6.82	6.72

- 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

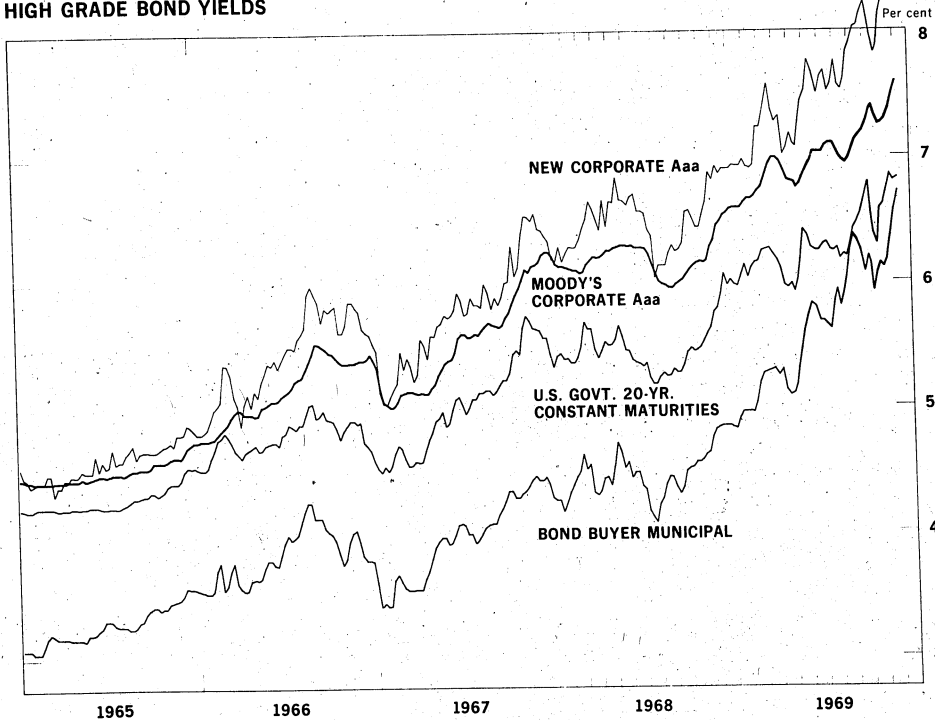


TABLE 4: Long-term Corporate and State and Local Government  
Security Offerings and Placements  
(In millions of dollars)

PERIOD	GROSS PROCEEDS					
	CORPORATE <sup>1</sup>			STATE AND LOCAL <sup>2</sup>		
	1969p	1968	1967	1969p	1968	1967
January	2,075	1,771	1,684	1,262	1,178	1,492
February	2,045	1,608	1,418	987	1,158	1,236
March	2,098	1,799	2,362	538	1,404	1,450
April	2,748	1,428	2,015	1,801	1,318	1,130
May	2,076	1,866	1,518	1,109	1,143	1,254
June	2,530	2,411	2,674	734	1,395	1,497
July	2,450	2,143	2,589	1,092	1,469	950
August	1,489	1,432	2,481	804	1,699	860
September	2,480e	1,557	1,763	534	1,444	1,340
October	2,110e	2,129	2,409	1,264	2,230	975
November	2,560e	1,767	1,500	870e	1,021	1,401
December	2,300e	2,054	2,385	600e	1,115	1,182
1st Quarter	6,218	5,178	5,464	2,787	3,840	4,177
2nd Quarter	7,354	5,704	6,208	3,644	3,856	3,881
3rd Quarter	6,419e	5,133	6,832	2,430e	4,612	3,150
4th Quarter	6,970e	5,950	6,294	2,734e	4,366	3,557
1st half	13,522	10,882	11,672	6,431	7,956	8,059
Three quarters	19,991e	16,015	18,504	8,861	12,008	11,209
Year	26,961e	21,965	24,798	11,595	16,574	14,766
	Excluding finance companies <sup>3</sup>					
1st Quarter	6,170	5,107	5,308			
2nd Quarter		5,427	6,063			
3rd Quarter		4,785	6,584			
4th Quarter		5,654	5,859			
Year		20,973	23,814			

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	MEMO:		MFG.	PUBLIC UTILITY	COMMUNI- CATIONS	OTHER ISSUERS <sup>1</sup>	
		PUBLICLY OFFERED	PRIVATELY PLACED		ISSUES INCLUDED						
				FOREIGN	CONVERTIBLE						
1968 - III	5,133	2,606	1,361	1,166	124	1,037	1,657	1,160	490	1,825	
IV	5,951	2,555	1,922	1,474	113	902	1,712	1,435	319	2,483	
1969 - I	6,218	2,657	1,540	2,023	215	1,355	1,407	1,346	473	2,993	
II	7,354	3,411	1,673	2,268	227	1,126	1,773	1,878	432	3,266	
III <sup>e</sup> / <sub>f</sub>	6,419	3,194	1,460	1,764	n. a.	673	1,954	1,417	672	2,368	
1968 - Oct.	2,129	1,009	595	525	24	365	640	674	115	700	
Nov.	1,767	939	362	466	49	211	421	443	162	741	
Dec.	2,055	607	965	483	40	326	651	319	41	1,044	
1969 - Jan.	2,075	980	636	460	103	376	403	627	186	860	
Feb.	2,045	842	395	807	74	578	513	315	56	1,161	
Mar.	2,098	835	509	755	38	401	491	404	231	972	
Apr.	2,748	1,268	649	830	62	430	513	784	44	1,405	
May	2,076	871	510	694	28	463	569	392	197	915	
June	2,530	1,272	514	744	137	233	691	702	191	946	
July	2,450	1,279	591	579	132	206	881	492	286	792	
Aug.	1,489	685	319	485	122	167	382	505	126	476	
Sept. <sup>e</sup> / <sub>f</sub>	2,480	1,230	550	700	n. a.	300	700	420	260	1,100	
Oct. <sup>e</sup> / <sub>f</sub>	2,110	960	500	650	n. a.	50	450	640	120	900	
Nov. <sup>e</sup> / <sub>f</sub>	2,560	1,060	500	1,000	n. a.	110	750	620	190	1,000	

<sup>1</sup> 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) <sup>1</sup>

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December 1 through December 8, 1969

ISSUER	TYPE <sup>2</sup>	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	COUPON RATE OR NET INTER- EST COST	OFFER- ING YIELD	MOODY'S RATING
<u>Corporate</u>						
First & Merchants Corp.	Conv. sub. debts.	20.0	1994	6.00	6.00	n.r.
Detroit Edison Co.	Gen. ref.	75.0	1999	9.00	8.84	Aa
Columbus & Southern Ohio Electric Company	1st mtg.	20.0	1999	9.00	8.90	Aa
Pacific Telephone & Telegraph	Debs.	150.0	2004	9-1/8	9.10	Aaa
Union Tank Car Co.	Equip. trust ctfs.	25.0	1989	9.30	9.30	A
Meridian Investing and Development Company	Com. stk.	40.0				
United Tank Car Company	Com. stk.	22.0				
Mississippi Pwr. & Lt. Co.	1st mtg.	20.0	1999	9-5/8	9.40	Aa
Northwest Natural Gas Co.	1st mtg.	15.0	1974	9-3/8	9.38	Baa
Natural Gas Pipeline Co. of America	1st pipeline	30.0	1989	9-1/2	9-1/2	Aa
Natural Gas Pipeline Co. of America	Cum. pfd. stk.	15.0				
Transworld Airlines, Inc.	Gtd. Loan Ctfts.	70.0	1985	10.00	10.00	Baa
Investment Properties Assoc.	Jr. Mtge.	81.7	1992	9.00	9.00	n.r.

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

ISSUER	TYPE <sup>2</sup>	AMOUNT (MILLIONS OF DOLLARS)	MATURITY	December 1 through December 8, 1969.		MOODY'S RATING
				COUPON RATE OR NET INTER- EST COST	OFFER- ING YIELD	
<b>State &amp; local Government</b>						
West Virginia, State of	Rev.	90.0	1970-94	6.89	5.50-7.15	A-1
Montgomery Co., Maryland	G.O.	33.0	1971-90	7.00	5.60-7.50	A
New York State Dormitory Authority	Rev.	32.2	1971-2000	7.55	6.00-7.50	A
Mecklenburg Co., N.C.	G.O.	14.3	1971-94	6.45	5.50-6.60	Aa
Richmond, Virginia	G.O.	38.0	1971-90	6.28	5.40-6.35	Aaa
<b>Other</b>						
Quebec Hydro-Elec. Comm.	Debs.	50.0	1995	9-3/4	9.88	A
F.N.M.A.	Debs.	250.0	1973	8.30	8.30	
F.N.M.A.	Debs.	400.0	1971	8.60	8.60	

\* Rights offering.

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

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-quaranteed issues by Federal Agencies.

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

As of December 5, 1969.

ISSUER	TYPE	AMOUNT (MILLIONS OF DOLLARS)	APPROXIMATE DATE OF OFFERING
<u>Corporate</u>			
Kane-Miller Corporation	S.F. debs.	22.5	December 8
Heller (Walter E.) & Co.	Debs.	30.0	December 8
General Public Utilities Corp	Debs.	50.0	December 8
Tenneco Corporation	Debs.	75.0	December 9
Public Service Co. Indiana	Bonds	40.0	December 9
Ohio Power Company	1st mtg.	80.0	December 9
Public Service Elec. & Gas Company	Prf. stk.	35.0	December 9
Atlanta Gas & Light Co.	Bonds	20.0	December 9
*Georgia-Pacific Corporation	Conv. sub. debs.	75.0	December 10
*Becton Dickinson & Company	Conv. sub. debs.	40.0	December 10
Northern Illinois Gas Co.	Bonds	20.0	December 10
Arkansas Pwr. & Light Co.	1st mtg.	25.0	December 11
*Florida Pwr. & Light Co.	Bonds	50.0 - 60.0	December 11
Southwestern Elec. Pwr. Company	1st mtg.	35.0	December 15
Baltimore-Gas & Elec. Co.	1st mtg.	30.0	December 16
General Telephone of Calif.	1st mtg.	60.0	December 16
Pennsylvania Company	Debs.	50.0	December 16
South Carolina Elec. & Gas	Bonds	15.0	December 17
Eastern Air Lines, Inc.	Conv. sub. debs.	80.0	December 17
*Central Telephone & Utilities Corporation	S.F. debs.	25.0	December 17
*Guardian Mtg. Investors	Conv. sub. debs.	15.0	December 22
Iowa Pwr. & Light Co.	Bonds	15.0	January 5
Ohio Bell	Debs.	100.0	January 6
Central Pwr. & Light Co.	Bonds	25.0	January 7

TABLE 7: Forthcoming Large Long-term Public Security Offerings for New Capital  
 (Other than U.S. Treasury)<sup>1</sup>  
 (continued) As of December 5, 1969.

ISSUER	TYPE	AMOUNT (MILLIONS OF DOLLARS)	APPROXIMATE DATE OF OFFERING
<u>State &amp; local Government</u>			
Texas	G.O.	15.0	December 8
Oregon, State of	G.O.	40.0	December 9
Oregon St. Bd. of Education	G.O.	16.0	December 9
Atlanta, Georgia	Rev.	18.0	December 10
*Indianapolis, Indiana	Rev.	10.0	December 10
Greater Chicago Metropolitan Sanitary Dist., Illinois	G.O.	20.0	December 11
Woodhaven S/D Mich.	G.O.	12.0	December 15
Oakland Co., Wisconsin	Rev.	11.9	December 16
*Owensboro, Kentucky	Rev.	52.0	December 16
Port of Seattle, Washington	Bonds	16.0	December 16
Los Angeles DWAPS	Rev.	39.0	December 17
*Peabody, Massachusetts	G.O.	15.9	December 16
Ohio, State of	Rev.	50.0	December 16
Chicago, Illinois	Airport Rev.	56.0	December
San Francisco	G.O.	49.1	January 12
San Francisco Port Comm.	Rev.	11.0	January 14
*Snohomish Co. Public Utility District	Rev.	15.0	January 15
Wheeler Ridge-Maricopa Wtr. Dist., Colorado	Rev.	16.0	January 21
Sacramento Municipal Util. Dist., California	Rev.	58.0	January 22
*Hennepin, Ramsey, Anoka, Dakota, Washington, Scott, and Carver Cos. Metropolitan Council, Minnesota	Rev.	11.0	January 22
<u>Other</u>			
None			

\* 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.

Postponements this week were: Philadelphia, Pa. - 64.2 - no bids received.  
 Chicago O'Hara International Airport, Illinois,  
 - 52.0; postponed indefinitely.

TABLE 8: Stock Prices and Volume

DATE	STOCK PRICES <sup>1</sup>			TRADING VOLUME <sup>2</sup>	
	S&P 500 <sup>3</sup>	D. J. - IND.	AMEX <sup>4</sup>	NYSE	AMEX
1967 - High	97.59(9/25)	943.08(9/25)	24.52(12/29)	60.7(8/14)	33.5(10/27)
Low	80.38(1/3)	786.41(1/3)	13.78(1/27)	27.4(1/6)	8.3(1/6)
1968 - High	108.37(11/29)	985.21(12/3)	33.24(12/20)	82.1(6/7)	45.4(6/7)
Low	87.72(3/5)	825.13(3/21)	22.00(3/22)	34.0(2/23)	14.1(2/23)
1969 - High	105.94(5/16)	985.21(12/3)	33.24(12/20)	82.1(6/7)	45.4(6/7)
Low	87.72(3/5)	825.13(3/21)	22.00(3/22)	34.0(2/23)	14.1(2/23)
1969 - Oct. 24	98.12	862.26	28.37	79.5	32.7
31	97.32	855.99	28.37	62.8	25.0
Nov. 7	98.26	860.48	28.61	60.0	26.4
14	97.07	849.85	28.31	47.1	19.1
21	94.32	823.13	27.27	54.2	18.1
28	93.81	812.30	27.34	41.7	15.9
Dec. 5 <sup>4</sup>	91.73	793.03	26.62	55.6	20.6

<sup>1</sup> Figures other than highs and lows are Fridays only. Highs and lows are for the year and are not necessarily for Fridays.

<sup>2</sup> Total number of shares traded per week (millions of shares). In the past, trading was normally conducted 5 days a week for 5 1/2 hours per day, or 27 1/2 hours per week. From August 8 through August 20, 1967, daily trading was reduced to 4 hours per day or 20 hours per week. A 20-hour week was also in effect from January 22 through March 1, 1968. From June 30 through December 31, 1968, the exchanges were open 5 1/2 hours for 4 days a week or 22 hours. From January 3 through July 3, 1969, the exchanges were open 4 hours each day, 20 hours per week. Beginning July 7, 1969 the exchanges have been open 4 1/2 hours each day, 22 1/2 hours per week. NYSE is New York Stock Exchange; AMEX is American Stock Exchange.

<sup>3</sup> 1941-43 = 10.

<sup>4</sup> Average dollar value of shares listed.

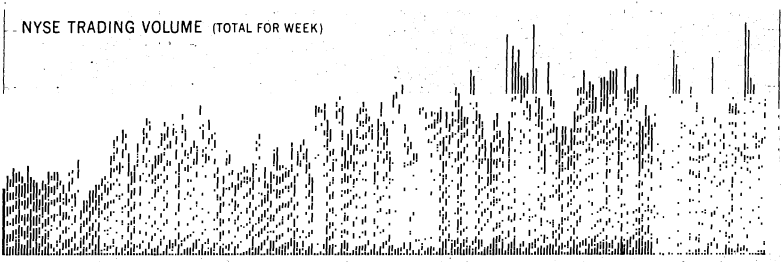
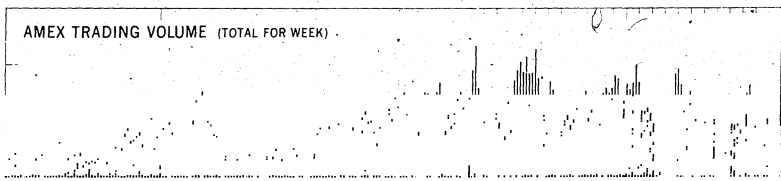
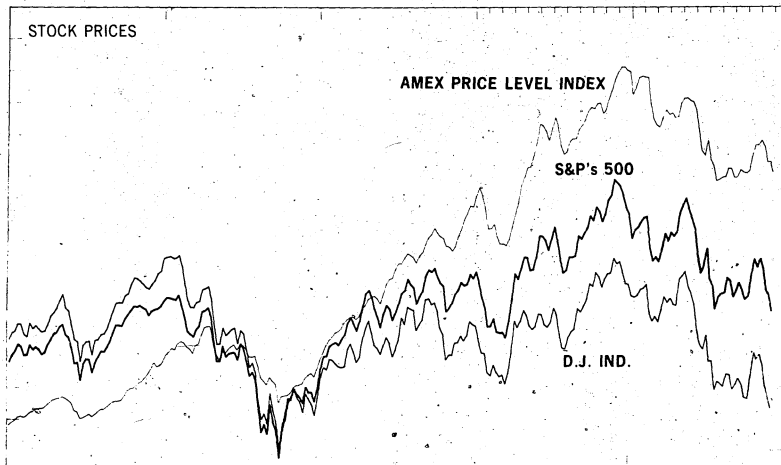
# STOCK PRICES AND TRADING VOLUME

AMEX

Weekly

37  
35  
33  
31  
29  
27  
25  
23  
21  
19  
17  
15  
13  
11  
9

D.J. S&P  
(Ind) (500)  
1300 130  
1260 126  
1220 122  
1180 118  
1140 114  
1100 110  
1060 106  
1020 102  
980 98  
940 94  
900 90  
860 86  
820 82  
780 78  
740 74



1965                      1966                      1967                      1968                      1969

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 <sup>3</sup>
	BROKERS <sup>1</sup>	BANKS <sup>2</sup>	TOTAL			
<b>Outstanding:</b>						
1968 - Sept.	6,390	2,520	8,910	8,724	3,126	5,590
Oct.	6,250	2,560	8,810	8,859	3,407	5,452
Nov.	6,200	2,630	8,830	9,029	3,419	5,610
Dec.	6,200	2,710	8,900	9,970	3,717	6,073
1969 - Jan.	5,930	2,750	8,680	9,042	3,597	5,445
Feb.	5,750	2,810	8,560	9,148	3,647	5,501
Mar.	5,590	2,780	8,370	8,318	3,294	5,024
Apr.	5,570	2,760	8,330	8,044	3,077	4,967
May	5,670	2,770	8,440	8,474	3,084	5,390
June	5,340	2,740	8,080	8,214	3,085	5,129
July	5,170	2,700	7,870	7,515	2,783	4,732
Aug.	r/5,000	2,670	7,670	7,019	2,577	4,442
Sept. p/	4,930	2,620	7,550	7,039	2,579	4,460
<b>Change in Outstanding:</b>						
1968 - Sept.	-70	30	-40	235	142	85
Oct.	-140	40	100	135	281	-138
Nov.	-50	70	20	170	12	158
Dec.	--	80	80	761	298	563
1969 - Jan.	-270	40	-220	-928	-120	-628
Feb.	-180	60	-120	-51	50	-9
Mar.	-160	-30	-190	-830	-351	-477
Apr.	-20	-20	-40	-274	-217	-57
May	100	10	110	430	7	423
June	-330	-30	-360	-260	1	-261
July	-170	-40	-210	-699	-302	-397
Aug.	r/-170	-30	-200	-496	-206	-290
Sept. p/	-70	-50	-120	20	2	18

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.



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

DATE	MUTUAL SAVINGS BANKS			SAVINGS & LOAN ASSOCIATIONS			TOTAL		
	REGULAR DEPOSITS <sup>3</sup>		NET NEW MONEY <sup>2</sup>	SHARE CAPITAL		NET NEW MONEY <sup>2</sup>	DEPOSITS		NET NEW MONEY <sup>2</sup>
	NET FLOW	ANNUAL GROWTH RATE <sup>1</sup>		NET FLOW	ANNUAL GROWTH RATE <sup>1</sup>		NET FLOW	ANNUAL GROWTH RATE <sup>1</sup>	
	<u>Not Seasonally Adjusted</u>								
1966	2,557	4.9	227	3,584	3.2	-552	6,141	3.8	-325
1967	5,082	9.3	2,376	10,687	9.4	6,129	15,769	9.4	8,505
1968	4,186	7.0	1,143	7,396	5.9	2,676	11,582	6.3	3,819
1969 to date	2,107	--	-684	3,684	--	-782	5,791	--	-1,466
1968 - Aug.	238	--	181	389	--	366	627	--	547
Sept.	505	--	-38	1,133	--	348	1,638	--	310
Oct.	202	--	89	495	--	446	697	--	535
1969 - Aug.	95	--	24	- 8	--	- 25	87	--	- 1
Sept.	303	--	-269	877	--	-104	1,184	--	- 373
Oct.	-138	--	-266	-379	--	-405	-517	--	-671
	<u>Seasonally Adjusted</u>								
1969 - May	357	6.6	--	498	4.5	--	855	5.2	--
June	178	3.3	--	491	4.4	--	669	4.0	--
July	-47	-0.9	--	-40	-0.4	--	-87	-0.5	--
Aug.	191	3.6	--	275	2.5	--	466	2.7	--
Sept.	172	3.1	--	500	4.5	--	672	4.0	--
Oct. p/	26	0.5	--	-101	-0.9	--	-75	-0.4	--

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.

# SAVINGS FLOWS (seasonally adjusted)

Monthly

Millions of dollars

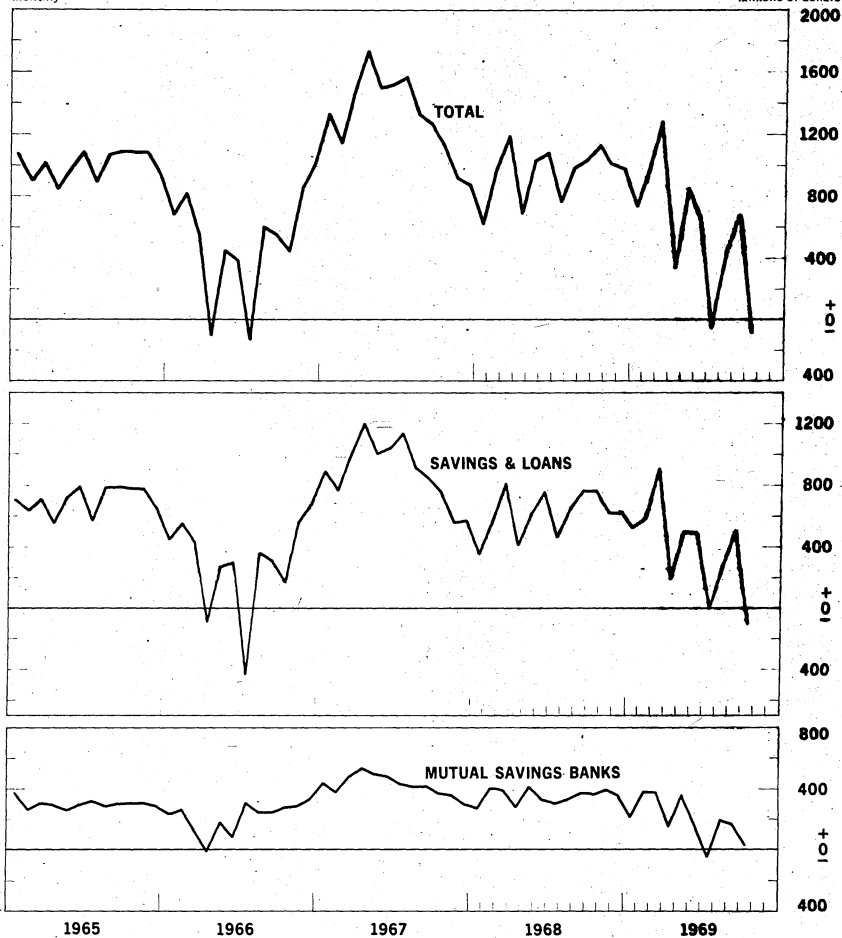


TABLE 11: Mortgage Commitments at Selected Thrift Institutions <sup>1</sup>

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) <sup>1/</sup>						
1968 - Sept.	9.1	6.2	2.9	.14	.10	.04
Oct.	9.5	6.4	3.0	.35	.22	.13
Nov.	9.7	6.5	3.2	.27	.10	.17
Dec.	9.7	6.6	3.1	-.01	.08	-.10
1969 - Jan.	9.9	6.7	3.2	.15	.08	.07
Feb.	10.1	6.9	3.2	.25	.22	.03
Mar.	10.3	7.0	3.3	.17	.09	.08
Apr.	10.5	7.2	3.3	.19	.18	.01
May	10.3	7.1	3.2	-.19	-.10	-.09
June	10.2	7.0	3.2	-.09	-.05	-.04
July	9.9	6.8	3.1	-.28	-.21	-.08
Aug.	9.5	6.5	3.0	-.43	-.32	-.11
Sept. <sup>2/</sup>	9.1	6.3	2.8	-.36	-.21	-.15

<sup>1</sup> Based on data from Federal Home Loan Bank Board and Savings Banks Associations of New York State. Data for savings banks and S&L's include a minor amount of non-residential commitments. S&L commitments include loans in process. 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.

# MORTGAGE COMMITMENTS OUTSTANDING (seasonally adjusted)

Monthly

Billions of dollars

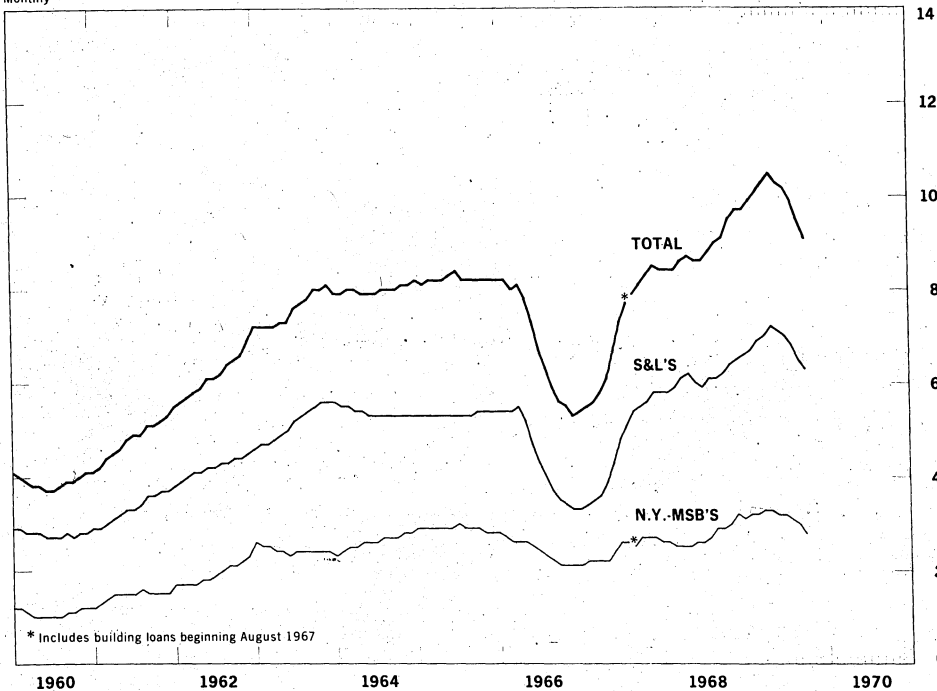


TABLE 12: Net Change in Mortgage Holdings<sup>1</sup>

DATE	TOTAL INCLUDING FNMA-GNMA	FINANCIAL INSTITUTIONS					FNMA-GNMA
		TOTAL	COMMERCIAL BANKS	MUTUAL SAVINGS BANKS	SAVINGS & LOAN ASSOC.	LIFE INSURANCE COMPANIES	
				<u>Not Seasonally Adjusted</u>			
1966	18,197	15,874	4,705	2,760	3,761	4,648	2,323
1967	19,988	18,191	4,369	3,118	7,538	2,914	1,797
1968	£/23,776	£/21,268	6,677	2,796	9,330	£/2,465	2,508
1968 - June	2,151	1,931	645	219	901	166	220
July	1,835	1,683	517	248	718	200	152
Aug.	1,995	1,854	549	233	874	198	141
Sept.	£/ 1,997	£/ 1,889	746	221	810	£/112	108
1969 - June	2,387	2,165	575	230	1,216	144	222
July	1,688	1,395	200	215	865	115	293
Aug.	2,124	1,596	400	181	844	171	528
Sept.	1,987	1,486	500	120	687	179	501
Oct.	--	--	300	158	595	n. a.	589
				<u>Seasonally Adjusted</u>			
1969 - Jan.	£/ 2,101	£/1,948	638	£/281	£/885	£/144	£/153
Feb.	£/ 2,202	£/2,025	£/668	£/266	£/884	£/207	£/177
Mar.	£/ 2,099	£/1,906	£/632	£/240	£/875	£/159	£/193
Apr.	£/ 2,117	£/1,910	£/567	£/250	£/899	£/194	£/207
May	£/ 2,032	£/1,808	£/534	£/251	£/854	£/169	£/224
June	£/ 2,153	£/1,875	£/440	£/230	£/1,022	£/183	£/278
July	£/ 1,698	£/1,364	£/151	£/181	£/859	£/173	£/334
Aug.	£/ 1,900	£/1,370	£/310	£/147	£/720	£/193	£/530
Sept.	£/ 1,896	£/1,385	£/383	£/137	£/674	£/191	£/511
Oct.	--	--	244	80	£/614	n. a.	568

<sup>1</sup> 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 87 per cent of the net increase estimated for all holders in 1967.

Note: Revision of seasonally adjusted series due to annual review of seasonal factors.

### NET CHANGE IN MORTGAGE HOLDINGS (seasonally adjusted)

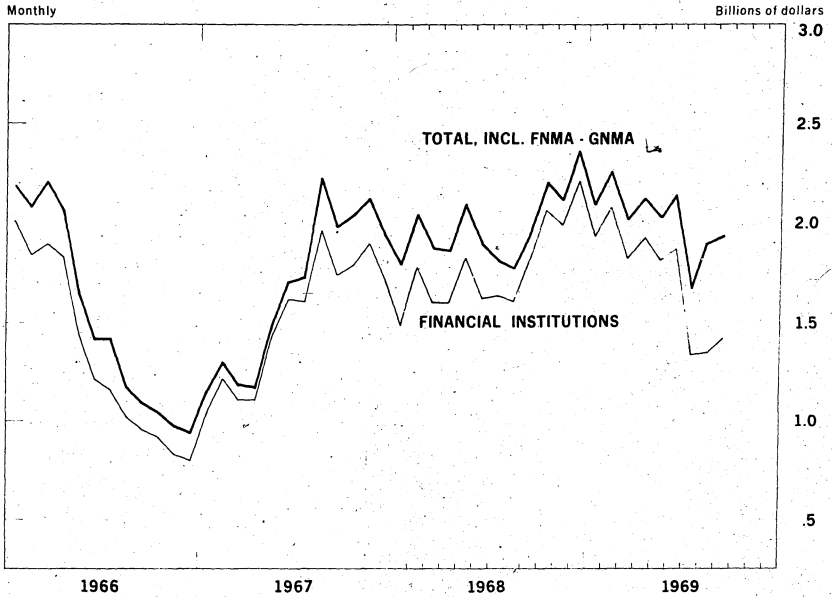


TABLE 13: Net Increases in Mortgage Debt Outstanding  
Billions of dollars, SAAR 2

QUARTER	TOTAL	RESIDENTIAL <sup>2</sup>	1- to 4-FAMILY	MULTI-FAMILY	COMMERCIAL	MULTI-AND COMMERCIAL	FARM
1965 - I	24.9	18.6	15.1	3.5	4.2	8.0	2.2
II	25.2	18.5	15.1	3.5	4.5	8.1	2.1
III	25.8	19.3	15.5	3.8	4.4	8.4	2.2
IV	26.6	19.6	15.8	3.8	4.6	7.9	2.4
1966 - I	28.3	19.0	14.7	4.3	6.9	11.6	2.4
II	24.2	15.6	12.1	3.5	6.5	10.0	2.2
III	18.4	10.8	8.3	2.6	5.4	8.3	2.1
IV	15.6	9.5	7.2	2.3	4.3	6.2	1.7
1967 - I <sub>p</sub>	15.5	9.9	6.8	3.0	3.8	7.3	1.8
II <sub>p</sub>	20.4	13.7	10.5	3.3	4.8	8.1	1.9
III <sub>p</sub>	26.3	19.1	15.3	3.8	4.8	8.8	2.4
IV <sub>p</sub>	28.6	20.9	16.5	4.4	5.1	8.8	2.6
1968 - I <sub>p</sub>	26.9	18.2	15.4	2.8	6.2	9.4	2.4
II <sub>p</sub>	25.8	17.9	14.8	3.1	5.7	8.7	2.3
III <sub>p</sub>	25.8	17.7	14.1	2.5	6.4	10.2	1.8
IV <sub>p</sub>	31.3	21.5	17.0	4.5	8.1	11.8	1.7
1969 - I <sub>p</sub>	30.2	21.6	18.0	3.6	6.4	10.4	2.2
II <sub>p</sub>	28.4	20.7	16.5	4.2	5.3	9.4	2.4
III <sub>p</sub>	26.6	19.5	15.6	3.8	5.1	9.2	2.0

- 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 by Federal Home Loan Bank Board and the Federal Reserve.
- 2 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

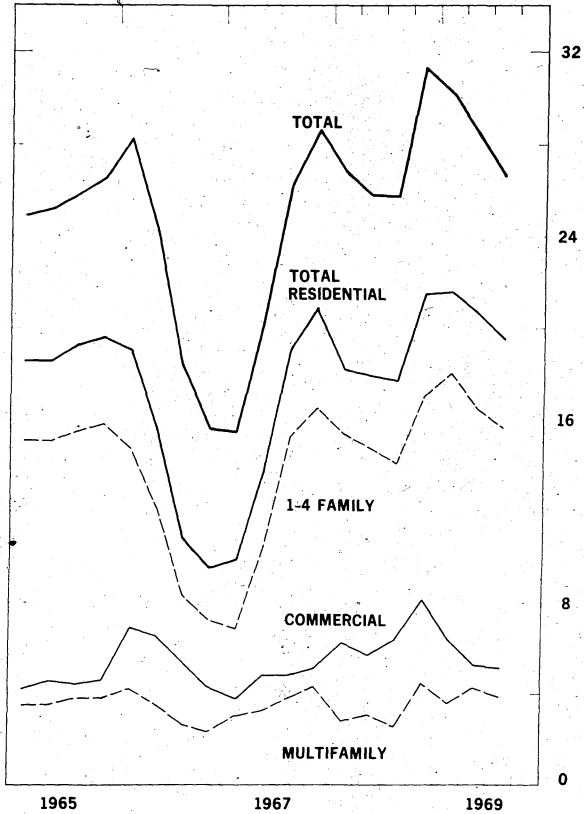




TABLE 14: FNMA Weekly "Auction" Results

WEEK ENDED	COMMITMENTS IN \$ MILLIONS					IMPLICIT YIELD <sup>2</sup> (per cent)		
	TOTAL OFFERED	ACCEPTED				90-DAY	6-MONTH	1-YEAR <sup>1</sup> & OVER
		TOTAL	90-DAY	6-MONTH	1-YEAR <sup>1</sup> & OVER			
1969 - Sept. 2	252.5	150.5	22.9	94.8	32.9	8.33	8.34	8.21
8	242.7	152.4	29.0	98.7	24.6	8.34	8.36	8.22
15	241.8	144.8	33.4	81.7	29.7	8.36	8.40	8.24
22	247.5	145.1	38.1	72.6	34.3	8.40	8.44	8.27
29	257.7	144.2	45.5	69.5	29.2	8.45	8.48	8.30
Oct. 6	251.0	147.4	41.1	66.0	40.3	8.50	8.52	8.34
13	217.7	145.7	48.6	50.1	46.9	8.54	8.59	8.39
20	161.6	134.9	35.7	60.8	38.3	8.58	8.63	8.44
27	120.6	118.4	37.7	52.8	28.0	8.54	8.60	8.45
Nov. 3	230.2	81.7	31.0	44.1	6.6	8.44	8.49	8.45
10	267.4	101.9	45.1	50.6	6.2	8.47	8.49	8.47
17	242.6	122.7	45.0	67.3	10.4	8.50	8.51	8.48
24	233.4	122.3	41.6	67.7	13.0	8.53	8.54	8.50
Dec. 1	235.9	120.6	24.2	67.0	29.4	8.57	8.58	8.52
5p/		(120.0)	3/					

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 50 basis points fee paid by investors to servicers.
- 3 FNMA announced limit of accepted bids for next week's auction.

## FNMA WEEKLY "AUCTION" RESULTS

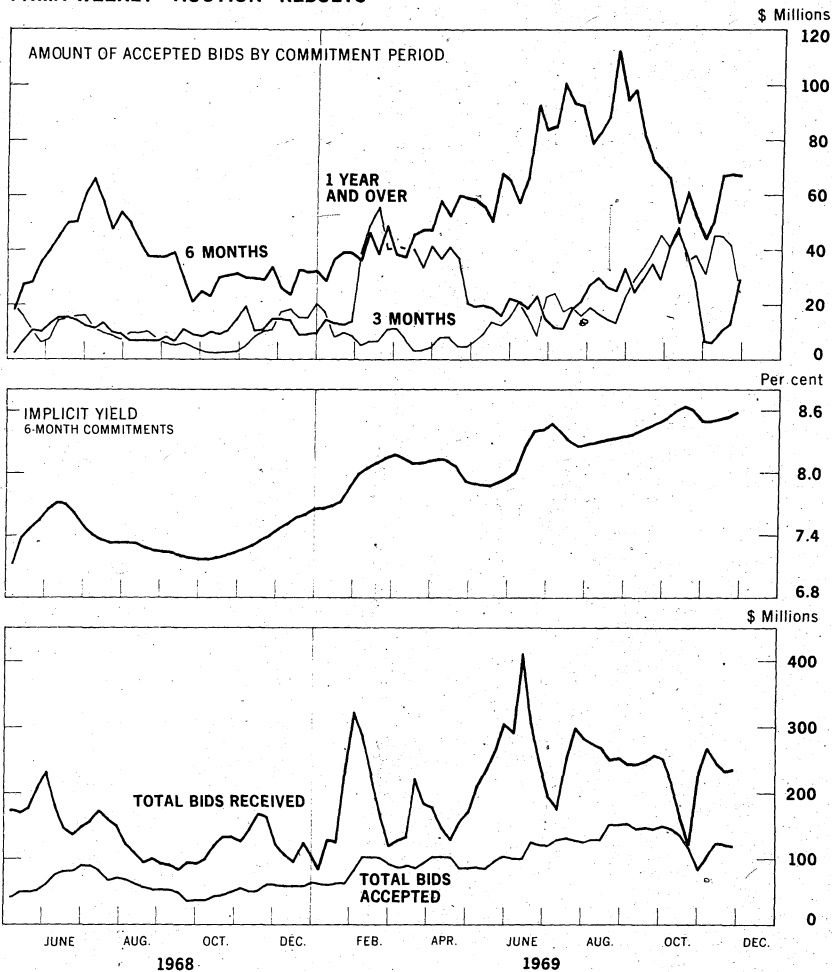


TABLE 15: Private Housing Starts and Permits

DATE	STARTS							BUILDING PERMITS (SEASONALLY ADJUSTED ANNUAL RATE) <sup>2</sup>
	SEASONALLY ADJUSTED ANNUAL RATE			TOTAL	UNADJUSTED			
	TOTAL	1-FAMILY	2 OR MORE		TYPE OF FINANCING			
					FHA	VA	OTHER	
1968 - Sept.	1,592	944	648	134.3	18.6	4.6	111.1	1,393
Oct.	1,570	965	605	140.8	21.4	5.3	114.0	1,378
Nov.	1,733	905	828	127.1	17.5	4.2	105.4	1,425
Dec.	1,509	922	585	96.4	16.3	4.4	75.7	1,463
1969 - Jan.	1,878	1,066	812	101.5	14.2	3.8	83.5	1,403
Feb.	1,686	975	711	90.0	13.2	3.5	73.3	1,477
Mar.	1,584	828	756	131.9	18.9	3.9	109.1	1,421
Apr.	1,563	797	766	159.0	23.0	4.4	131.6	1,502
May	1,509	883	626	155.5	21.1	4.3	130.1	1,323
June	1,469	808	661	147.3	21.3	4.6	121.2	1,340
July	1,371	765	606	125.2	20.8	4.7	99.7	1,228
Aug.	1,384	723	661	124.9	22.4	4.2	98.3	1,245
Sept. p/	1,533	843	690	128.6	18.3	4.8	105.5	1,201
Oct. p/	1,342	765	577	118.7	24.9	5.0	88.8	1,119

- 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.
- 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

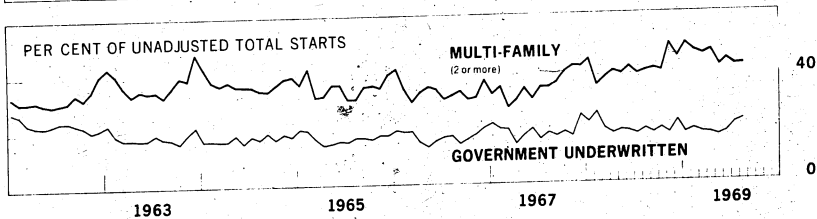
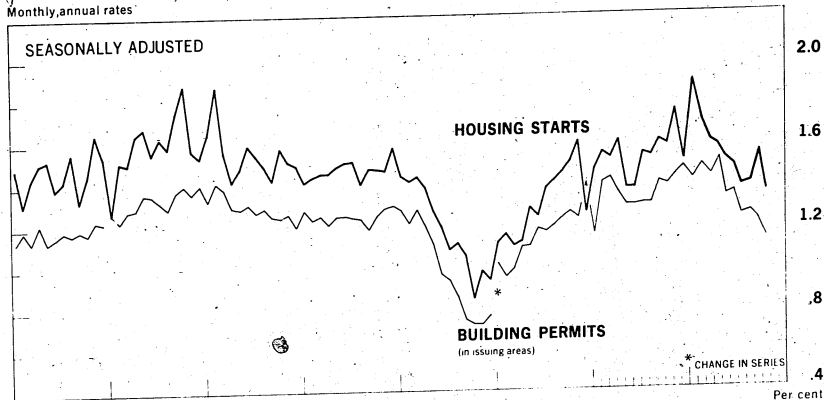


TABLE 16: Mortgage and Bond Yields <sup>1</sup>

DATE	FHA MORTGAGES <sup>2</sup>		CONVENTIONAL MORTGAGES <sup>3</sup>	SPREAD BETWEEN YIELDS ON CONV. & FHA MORTGAGES	NEW Aaa CORPORATE BONDS <sup>4</sup>	SPREAD BETWEEN YIELDS ON NEW CORPORATE BONDS AND FHA MORTGAGES
	25-YEAR	30-YEAR				
1957 - High	5.63	n.a.	6.00	.47	4.94	1.58
1968 - Low	5.35	n.a.	5.55	.15	3.65	.88
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	6.65	.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 - Apr.	n.a.	8.06	7.75	-.31	7.17	.89
May	n.a.	8.06	7.75	-.31	7.22	.84
June	n.a.	8.38	8.00	-.35	7.58	.77
July	n.a.	8.36	8.10	-.26	7.63	.73
Aug.	n.a.	8.36	8.20	-.16	7.65	.71
Sept.	n.a.	8.40	8.25	-.15	7.98	.42
Oct.	n.a.	8.48	8.30	-.18	7.89	.59

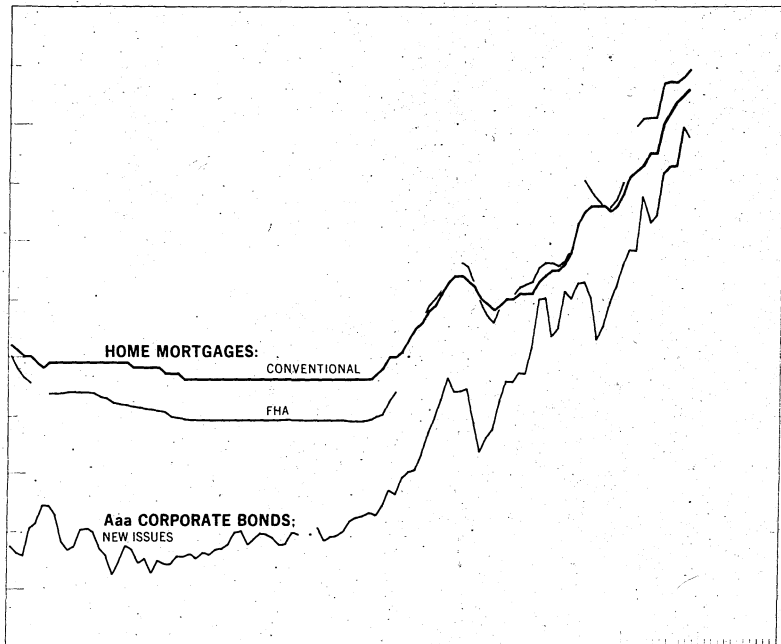
- Neither mortgage nor bond yields include allowance for servicing costs which are much higher for mortgages than for bonds. Generally, bonds pay interest semi-annually; mortgages, monthly. Mortgage yields, if computed as equivalent to a semi-annual interest investment, would be slightly higher than given in the table.
- 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.
- 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.
- See note for Table 1.

# MORTGAGE AND BOND YIELDS

Monthly

Per cent

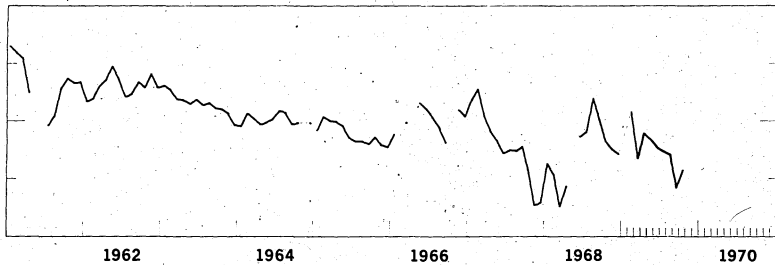
9  
8  
7  
6  
5  
4



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

Basis points

200  
100  
0



1962

1964

1966

1968

1970

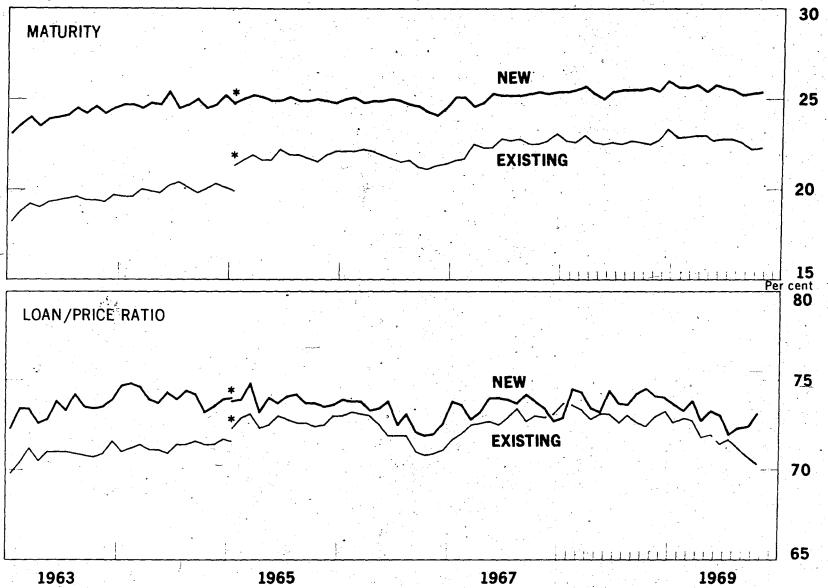
TABLE 17: Conventional Mortgage Terms <sup>1</sup>

DATE	NEW HOMES						EXISTING HOMES					
	CON-TRACT RATE (PER CENT)	FEEES & CHARGES (PER CENT) 2	EFFEC-TIVE RATE 3	MATURITY (YEARS)	LOAN/PRICE RATIO (PER CENT)	LOAN-AMT. (\$000)	CON-TRACT RATE (PER CENT)	FEEES & CHARGES (PER CENT) 2	EFFEC-TIVE RATE 3	MATU-RITY (YEARS)	LOAN/PRICE RATIO (PER CENT)	LOAN AMT. (\$000)
<b>1968</b>												
Oct.	7.09	0.88	7.23	25.6	74.5	22.7	7.09	0.84	7.22	22.5	72.4	18.3
Nov.	7.07	0.84	7.21	25.4	74.1	22.5	7.07	0.82	7.21	22.7	72.9	18.9
Dec.	7.09	0.89	7.23	25.9	74.0	24.7	7.09	0.85	7.23	23.3	73.2	20.4
<b>1969</b>												
Jan.	7.16	0.84	7.30	25.6	73.6	24.1	7.18	0.86	7.32	22.8	72.6	20.0
Feb.	7.26	0.81	7.39	25.6	73.3	23.5	7.28	0.86	7.42	22.9	72.8	19.6
Mar.	7.32	0.93	7.47	25.8	73.8	24.0	7.35	0.84	7.49	23.0	72.7	20.2
Apr.	7.47	0.96	7.62	25.4	72.6	24.8	7.46	0.85	7.60	23.0	71.8	19.9
May	7.50	0.88	7.65	25.8	73.2	25.0	7.54	0.83	7.68	22.7	71.9	19.7
June	7.62	0.84	7.76	25.6	73.0	24.9	7.64	0.86	7.79	22.8	71.4	20.1
July	7.76	0.92	7.91	25.5	72.0	24.5	7.79	0.91	7.94	22.8	71.7	20.1
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	72.4	24.7	7.92	0.92	8.08	22.2	70.7	19.2
Oct. p/	7.97	0.89	8.12	25.4	73.1	25.1	7.98	0.91	8.13	22.3	70.3	19.6

- <sup>1</sup> 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.

## CONVENTIONAL MORTGAGE TERMS

Monthly



\* CHANGE IN SERIES