

December 2, 1968.

Not for Publication

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FEDERAL RESERVE BANK  
OF RICHMONDCAPITAL MARKETS DEVELOPMENTS  
IN THE UNITED STATES

**Corporate and municipal bond markets.** The volume of new, publicly-offered, corporate and municipal securities expected this week will be below the average weekly volume over the past year. Over half the corporate volume consists of the \$150 million General Motors Acceptance Corporation debentures. The largest municipal offering will be Philadelphia's \$58 million of general obligation bonds.

Long-term Public Security Offerings <sup>1/</sup>  
(In millions of dollars)

	Corporate		State and local Government	
	New Capital	Refunding	New Capital	Refunding
<b>Sold:</b>				
52 week avg.	284	--	323	1
November 22	<u>r/607</u>	--	<u>r/329</u>	--
November 29	194	--	120	--
<b>Scheduled:</b>				
December 6	254	--	214	--

<sup>1/</sup> Federal Reserve estimates are based upon published reports of issues sold and scheduled for offering; corporate rights offerings are included as of date subscription rights expire.

Yields on new and seasoned corporate bonds advanced sharply last week, while investors maintained a very selective attitude toward the week's fresh offerings. The volume of bonds still in syndicate rose somewhat although rapidly rising yields brought forth several syndicate terminations. In free market trading, the yields on the issues released from price-restrictions advanced 10 to 12 basis points. "Market conditions" led General Telephone of California to postpone until next year its \$60 million offering, previously scheduled for December 4.

Yields on municipals advanced slightly last week but new issues met with a very cool reception. By the end of the week only 55 per cent of the week's reduced volume of offerings had been sold. A 4.5 per cent interest cost limitation led the State of West Virginia to reject all bids for its \$20 million of general obligation bonds.

Home-mortgage interest rates and other terms. During October, secondary market yields on certain FHA-insured new-home mortgages edged higher to 7.29 per cent. The slight rise in the yield followed a decline

Yields on Security Markets

<u>High-Grade Notes and Bonds</u>		<u>Change from preceding week</u>
<u>Corporate</u>		
New	6.75	+ 10
Seasoned	6.28	+ 11
<u>U.S. Government</u>		
Long-term	5.44	+ 4
3-5 year	5.51	+ 3
<u>State and local Govt.</u>		
Moody's Aaa	4.35	--
Std. & Poor's high grade	4.70	+ 2
<u>Money Market</u>		
Federal funds	5.84	+ 74
Treasury bills		
3-month	5.47	+ 4
6-month	5.58	- 3

Corporate Bonds Still in Syndicate

<u>Date Offered</u>	<u>Amount (millions of \$)</u>	<u>Issuer</u>	<u>Reoffering Yield</u>	<u>Rating</u>	<u>Estimated pro- portion sold</u>
11/26	50.0	Humble Pipeline, 6-5/8's - 1998	6.62	Aa	80%
11/25	15.0	Public Service of New Hampshire, 7-1/8's - 1998	7.00	A	25%
11/25	31.0	Michigan Consolidated Gas, 7-1/2's - 1993	7.25	A	66%
11/22	40.0	Northern Natural Gas, 7's - 1988	7.05	A	75%
11/21	50.0	Florida Power & Light, 7's - 1998	6.83	Aa	35%
11/19	40.0	Louisville & Nashville R.R., 7-3/8's - 1993	7.40	Baa	40%
11/7	60.0	Pacific Gas & Electric, 6-3/4's - 2000	6.70	Aa	20%

which had extended over the last three months. The gross yield spread between FHA mortgages and new issues of high grade corporate bonds continued to narrow in October, as bond yields advanced sharply. At about 80 basis points, the average spread in October was the lowest since mid-year, and was relatively unattractive to investors by standards prevailing prior to mid-1965.

Interest rates on conventional home mortgages for both new and existing homes declined slightly in October, as reported by the Federal Housing Administration which rounds these rates to the nearest 5 basis points. The decline, which was confirmed by Federal Home Loan Bank Board data, was the first reported by FHA in 18 months. Almost all of the decline was centered in the Northeast and mid-Atlantic FHA regions, where rates had risen abruptly during the past half-year after upward adjustments had been made in state usury rate ceilings.

According to Federal Home Loan Bank Board data, interest rates on conventional first-mortgages eased somewhat during October for the first time in almost a year. Non-rate terms were also relaxed a bit during October though they showed relatively little overall change from a year ago. Maturities on new-home loans lengthened during the month as those on existing-home loans did not change. The loan-to-price ratio on new home mortgages continued to advance, while for existing homes mortgages, the rate declined for the second consecutive month. Although loan amounts rose in October, the implied downpayment on new homes increased to \$8,000 as compared with \$7,500 a year earlier. Implied downpayments on existing homes remained unchanged in October at \$7,000, this was up \$600 from the previous year.

Stock prices. Common stock prices advanced sharply to new highs last week while trading volume remained heavy. At the close Friday, Standard & Poor's index of 500 stocks stood at 108.37, up 2.07 from the previous Friday and 14.31 above its 1966 high of 94.06. Trading volume averaged 15.4 million shares a day.

More detailed information concerning recent capital market developments is presented in the attached exhibits.

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

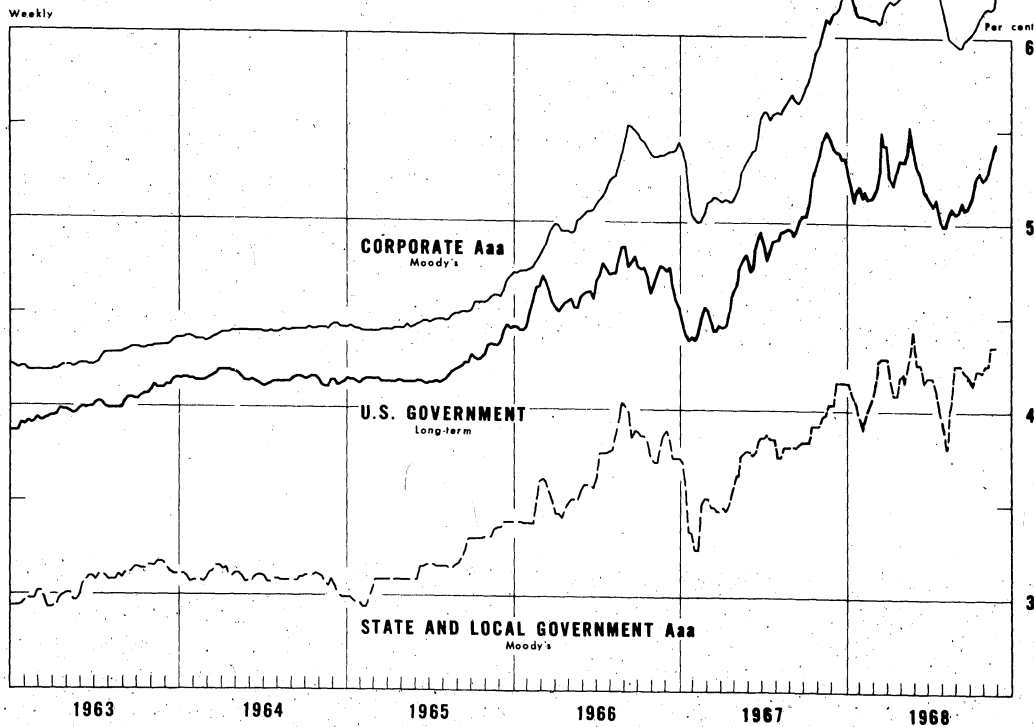
**LONG-TERM BOND YIELDS, HIGH-GRADE**

Exhibit A -- Part II

Date	Corporate Aaa <u>1/</u>	U.S. Govt. long-term <u>2/</u>	State and local government Aaa <u>3/</u>	Spread between U.S. Govt. and	
				Corporate Aaa	State and local Aaa
(per cent)					
1959-60 - High	4.61(1/29/60)	4.42(1/8/60)	3.65(9/24/59)	.59(8/5/60)	.92(4/22/60)
1966 - High	5.52(9/9)	4.87(9/2)	4.04(8/25)	.84(12/30)	1.19(2/11)
- Low	4.73(1/7)	4.42(1/7)	3.39(1/13)	.14(2/18)	.77(9/2)
1967 - High	6.24(12/29)	5.49(11/17)	4.15(12/28)	.92	1.51
- Low	5.00(2/10)	4.37(2/3)	3.25(2/9)	.44	.74
1968 - Nov. 1	6.15	5.26	4.25	.65	1.01
8	6.16	5.28	4.25	.88	1.03
15	6.15	5.33	4.35	.82	.98
22	6.17	5.40	4.35	.77	1.05
29p/	6.28	5.44	4.35	.84	1.09

p/ Preliminary.

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

2/ Weekly average of daily figures. The series includes bonds due or callable in 10 years or more.

3/ Thursday figures. Only general obligation bonds are included; average term is 20 years.

Note--Highs and lows are for individual series and may be on different dates for different series. For spreads, high refers to widest, and low to narrowest.

# LONG-TERM BOND YIELDS, LOWER GRADE

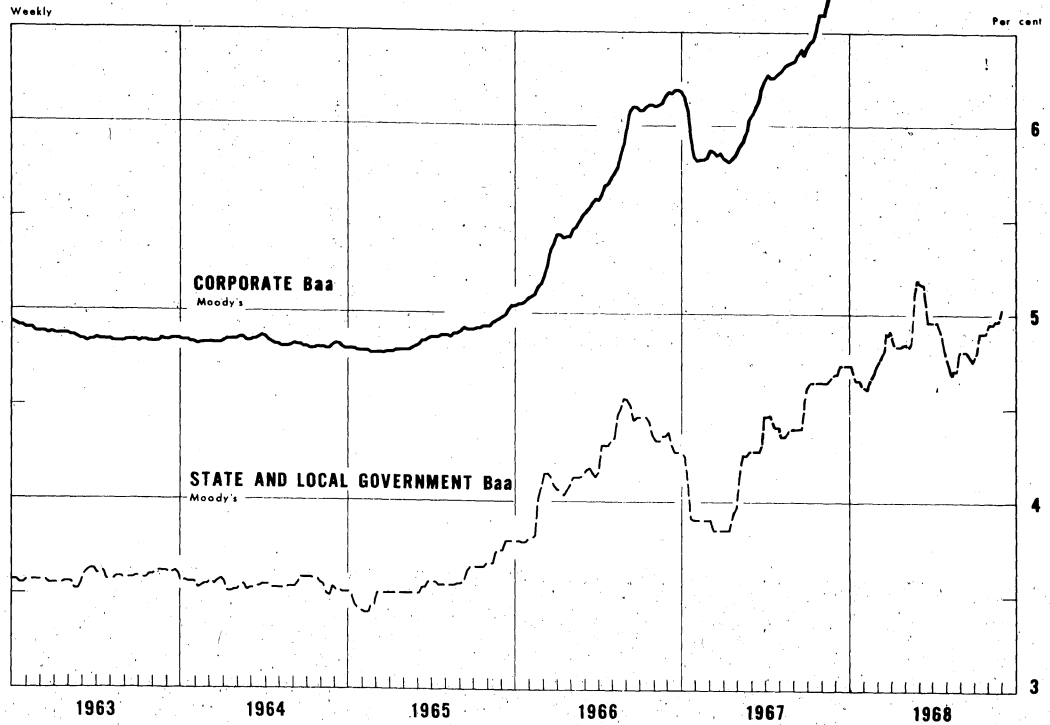


Exhibit B -- Part II

Date	Corporate Baa 1/	State and local govt. Baa 3/	Spread between Aaa and Baa	
			Corporate	State and local govt.
(per cent)				
1959-60 - High	5.36(2/12/60)	4.46(1/7/60)	.84	1.08
Year end- 1965	5.04	3.79	.31	.39
1966 - High	6.18(12/30)	4.55(8/25)	.81	.62
Low	5.05(1/14)	3.78(1/20)	.31	.31
1967 - High	6.97(1/29)	4.73(12/28)	.82	.81
Low	5.81(4/14)	3.85(4/13)	.73	.37
1968 - Nov. 1	6.92	4.95	.76	.71
8	6.97	4.95	.81	.70
15	7.00	4.97	.85	.62
22	7.02	4.97	.85	.62
29 p/	7.07	5.03	.79	.68

Note: For footnotes see Exhibit A.

p/ Preliminary.

**SHORT- AND INTERMEDIATE-TERM INTEREST RATES****GOVERNMENT**

Weekly

Per cent

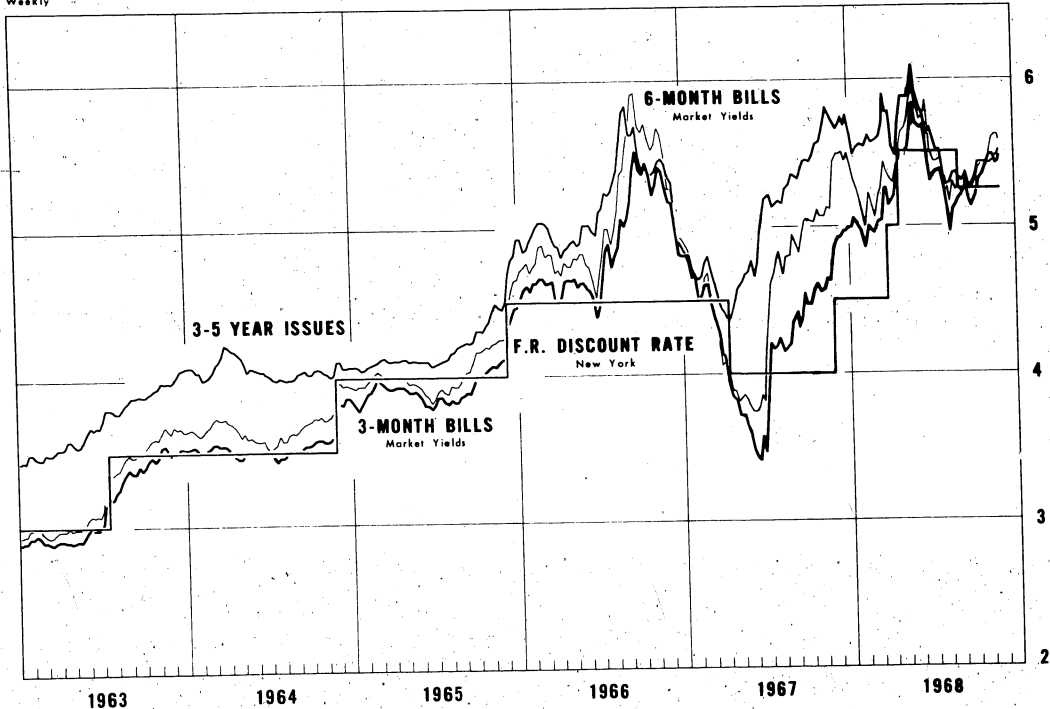




Exhibit C -- Part II

Date	Discount rate 1/	Yields			Spread between yields on 3-mo. bills and yields on	
		3-month bills 2/	6-month bills 2/	3-5 year issues 2/	6-mo. bills	3-5 yr. issues
		(per cent)				
1959-60 - High	4.00	4.59(1/8/60)	5.07(1/8/60)	5.00(12/24/59)	.79	1.81
Year end - 1965	4.50	4.47	4.66	4.90	.19	.43
1966 - High	4.50	4.80	4.92	4.86	.12	.06
Low	4.50	5.52(9/23)	5.92(9/23)	5.83(9/2)	.52	.78
1967 - High	4.50	4.39(6/24)	4.53(6/24)	4.80(4/8)	.09	.01
Low	4.50	4.99(12/29)	5.50(12/12)	5.80(11/10)	.62	1.61
1968 - Nov. 1	4.00	3.41(6/9)	3.74(6/2)	4.36(4/7)	.01	.02
8	5.25	5.48	5.50	5.42	.02	.06
15	5.25	5.48	5.59	5.44	.11	.04
22	5.25	5.42	5.61	5.47	.19	.05
29p/	5.25	5.43	5.61	5.48	.18	.05
	5.25	5.47	5.58	5.51	.11	.04

1/ Weekly rate shown is that in effect at end of period at the Federal Reserve Bank of New York.

2/ Market yield; weekly averages computed from daily closing bid prices. Series of 3-5 year issues consists of selected notes and bonds.

Note--Highs and lows are for individual series and may be on different dates for different series. For spreads, high refers to widest, and low to narrowest.

p/ Preliminary.

# SHORT- AND INTERMEDIATE-TERM INTEREST RATES, BANKS AND OTHER PRIVATE BORROWERS

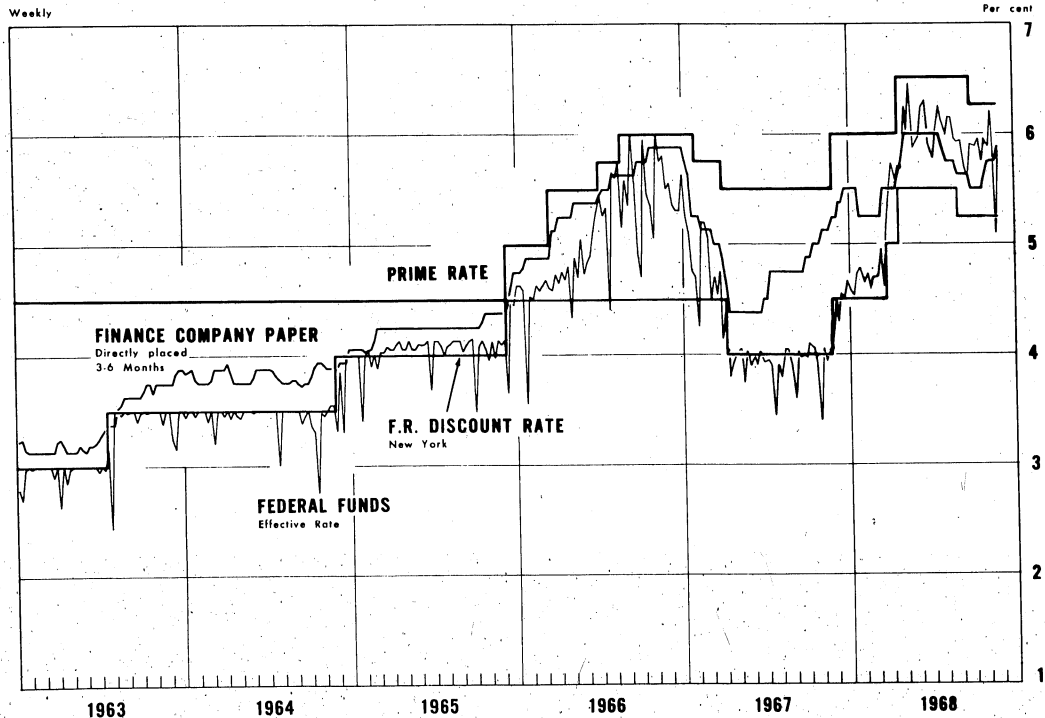


Exhibit D -- Part II

Date	Prime rate <u>1/</u>	Finance company paper <u>2/</u>	Federal funds <u>3/</u>	Spread between 3-mo. bills and finance co. paper
	(per cent)			
1959-60 - High	5.00	5.13(1/22/60)	4.00(5/13/60)	1.02
Year end- 1964	4.50	4.06	4.00	.23
1965	5.00	4.75	4.63	.28
1966	6.00	5.88	5.63	1.08
1966 - Low	5.00(3/4)	4.75(1/7)	3.55(1/21)	.20
1967 - High	6.00(12/29)	5.75(1/6)	5.25(1/6)	1.33
Low	5.50(12/1)	4.38(6/23)	3.40(10/27)	.21
1968 - Nov. 1	6.25	5.73	5.88	.25
8	6.25	5.75	6.19	.27
15	6.25	5.75	5.81	.33
22	6.25	5.75	5.10	.32
29p	6.25	5.88	5.84	.41

1/ Weekly rate shown is that in effect at end of period. Prime rate is that charged by large banks on short-term loans to business borrowers of the highest credit standing.

2/ Average of daily rates published by finance companies for directly placed paper for varying maturities in the 90-179 day range.

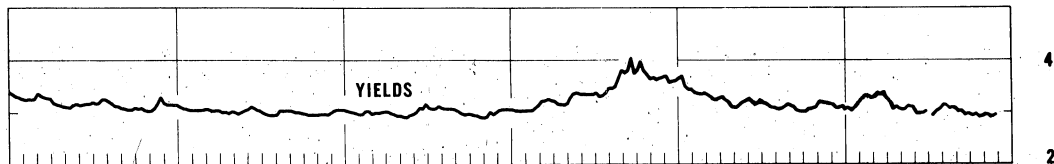
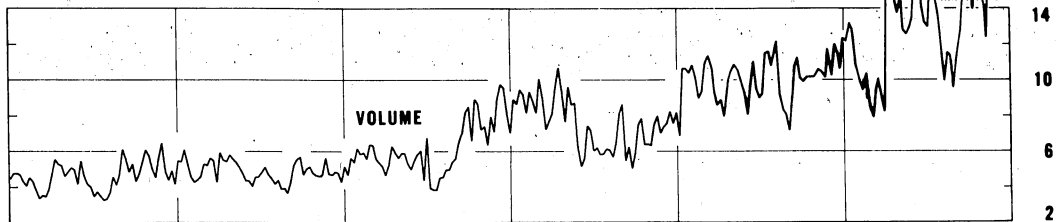
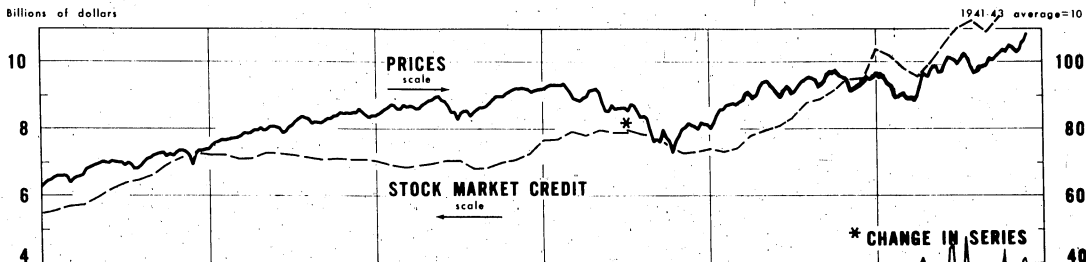
3/ Weekly average of daily effective rate, which is the rate for the heaviest volume of purchase and sale transactions as reported to the Federal Reserve Bank of New York.

Note.-Highs and lows are for individual series and may be on different dates for different series. For spreads, high refers to widest, and low to narrowest.

p/ Preliminary.

**STOCK MARKET**

Billions of dollars



1963

1964

1965

1966

1967

1968

Exhibit E -- Part II

Date	Stock price index <u>1/</u>	Common stock yields <u>2/</u> (per cent)	Trading volume <u>3/</u> (millions of shares)	Stock market customer credit		
				Total	Customers' debit balances <u>4/</u>	Bank loans to "others" <u>5/</u>
(In millions of dollars)						
1961-62 - High	72.04(12/8/61)	2.82	10.1	5,602(12/61)	4,259(12/61)	1,418(5/9/62)
Low	52.68(6/22/62)	3.96	2.4	4,424(1/61)	3,253(1/61)	1,161(3/8/61)
1966 - High	93.81(2/11)	3.01	10.7	7,997	5,835	2,241(7/6)
Low	73.20(10/7)	3.97	5.0	7,302	5,169	2,097(12/14)
1967 - High	97.26(10/67)	3.01	12.3	10,347(12/67)	7,883(12/67)	2,057(11/1)
Low	82.18(1/6)	3.58	6.9	7,345(1/6)	5,280(1/67)	2,055(1/25)
1968 - Sept.	101.34	3.00	13.4	11,141	8,626	2,515
Oct.	103.76	2.93	15.1	n. a.	n. a.	2,557
1968 - Nov. 15	105.78	2.90	15.7	n. a.	n. a.	2,609
22	106.30	2.91	15.8	n. a.	n. a.	
29p/	108.37	2.86	15.4	n. a.	n. a.	n. a.

n.a. Not Available. p/ Preliminary.

1/ Standard and Poor's composite index of 500 common stocks, weekly closing prices, 1941-43=10. Monthly data are averages of daily figures rather than of Friday's only. Highs and lows are for Friday's data only.

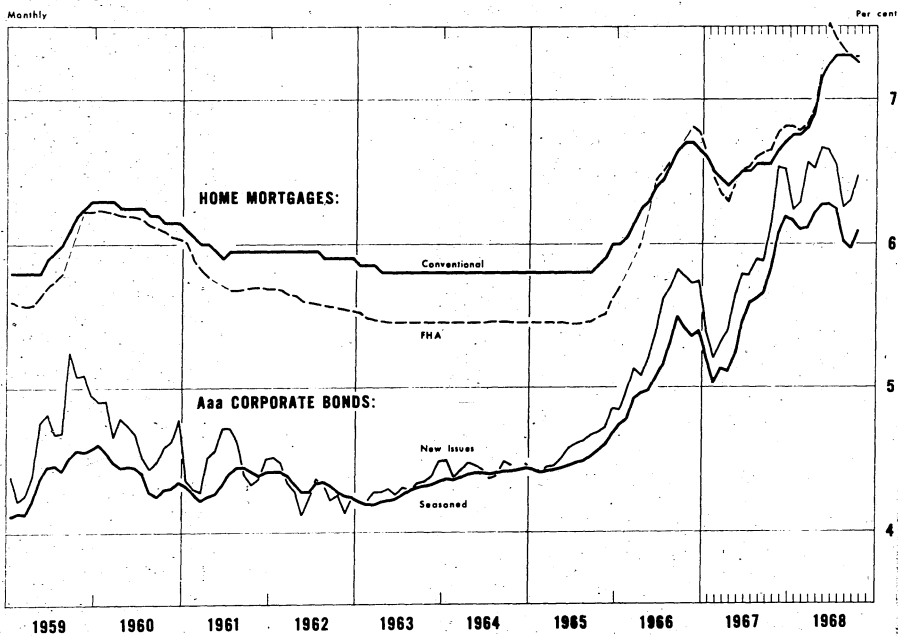
2/ Standard and Poor's composite stock yield based on Wednesday data converted to weekly closing prices by Federal Reserve. Yields shown are for dates on which price index reached its high or low.

3/ Averages of daily trading volume on the New York Stock Exchange. Year-end figures are averages of daily figures for the year.

4/ End of month figures for member firms of the New York Stock Exchange which carry margin accounts; excludes balances secured by U. S. Government obligations.

5/ Wednesday figures for weekly reporting member banks. Excludes loans for purchasing or carrying U.S. Government securities. Weekly reporting banks account for about 70 per cent of loans to others. For further detail see Bulletin.

**MORTGAGE AND BOND YIELDS**



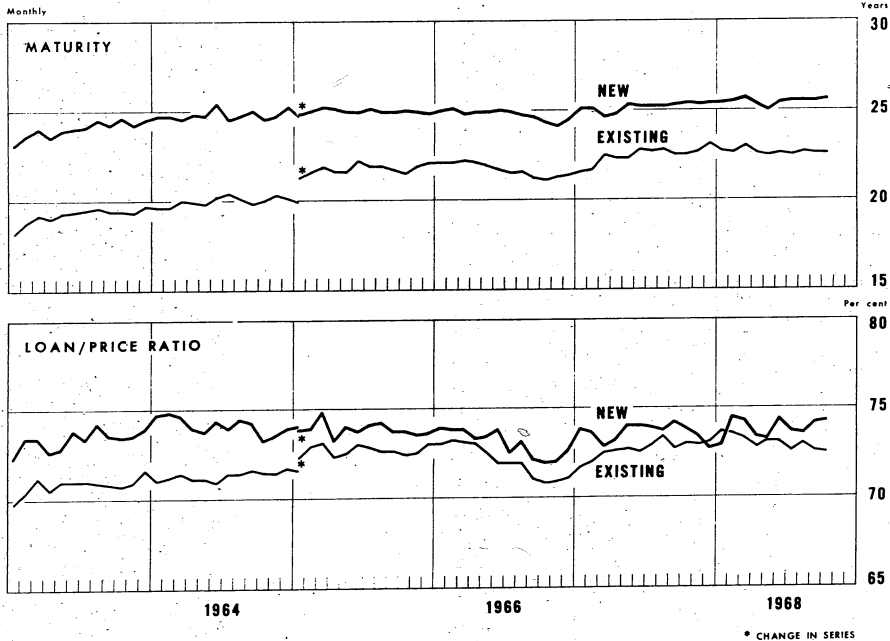
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Exhibit F Part II

	FHA mortgages <sup>2/</sup>		Conventional mortgages <sup>3/</sup>	Spread between yields on conv. & FHA mortgages <sup>4/</sup>	Aaa Corporate Bonds		Spread between yields on new corporate bonds and FHA mtgs. <sup>4/</sup>	
	25-year	30-year			New <sup>5/</sup>	Seasoned <sup>6/</sup>	FHA mtgs. <sup>4/</sup>	Seasoned bonds
1957 - High	5.63	--	6.00	.47	4.94	4.12	1.58	1.03
1958 - Low	5.35	--	5.55	.15	3.65	3.57	.88	.05
1959-60 - High	6.24	--	6.30	.23	5.25	4.61	1.69	.73
1961-66 - Low	5.43	5.44	5.80	.25	4.12	4.19	.77	-.16
1966 - High	6.73	6.81	6.70	.30	5.82	5.49	1.11	.46
1967 - High	--	6.81	6.65	.11	6.53	6.07	1.26	.46
Low	--	6.29	6.40	-.12	5.20	5.03	.24	.17
1968 - June	n. a.	7.52	7.25	-.27	6.65	6.28	.87	.37
July	n. a.	7.42	7.30	-.12	6.54	6.24	.88	.30
Aug.	n. a.	7.35	7.30	-.05	6.26	6.02	1.09	.24
Sept.	n. a.	7.28	7.30	.02	6.30	5.97	.98	.33
Oct.	n. a.	7.29	7.25	-.04	6.47	6.09	.82	.38

- 1/ Neither mortgage nor bond yields take into account servicing costs which are much higher for mortgages than 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/ FHA mortgage yield data are for 25-year mortgages through June 1961; 30-year mortgages thereafter.
- 5/ See note for Exhibit G.
- 6/ Moody's Investor Service. Monthly averages of daily data. See Exhibit A.

CONVENTIONAL MORTGAGE TERMS <sup>1/2</sup>





(7)

Exhibit F Part IV

	New Homes						Existing Homes					
	Contract Rate (Per cent)	Fees & Charges (Per cent) 2/	Effective Rate 3/	Maturity (Years)	Loan/Price Ratio (Per cent)	Loan Amt. (Tho.)	Contract Rate (Per cent)	Fees & Charges (Per cent) 2/	Effective Rate 3/	Maturity (Years)	Loan/Price Ratio (Per cent)	Loan Amt. (Tho.)
<u>1967</u>												
Oct.	6.34	0.82	6.47	25.4	73.8	21.2	6.39	0.78	6.52	22.5	73.0	17.3
Nov.	6.33	0.76	6.45	25.3	73.4	21.2	6.42	0.77	6.55	22.7	72.9	18.3
Dec.	6.41	0.84	6.54	25.4	72.7	21.5	6.51	0.83	6.64	23.1	73.1	13.4
<u>1968</u>												
Jan.	6.39	0.86	6.52	25.4	72.9	21.7	6.57	0.82	6.70	22.7	73.7	18.4
Feb.	6.47	0.94	6.62	25.5	74.5	22.2	6.58	0.81	6.71	22.6	73.6	18.0
Mar.	6.50	0.88	6.64	25.7	74.3	22.4	6.59	0.79	6.72	23.0	73.3	18.6
Apr.	6.57	0.88	6.71	25.3	73.4	22.2	6.64	0.80	6.77	22.6	72.8	18.3
May	6.69	0.95	6.84	25.0	73.2	22.1	6.81	0.87	6.95	22.5	73.1	18.5
June	6.88	0.95	7.03	25.4	74.4	22.6	6.97	0.86	7.12	22.6	73.1	18.4
July	7.04	0.85	7.17	25.5	73.7	22.5	7.10	0.83	7.23	22.5	72.6	18.6
Aug.	7.10	0.87	r/7.24	25.5	r/73.6	r/22.8	r/7.12	0.82	r/7.26	r/22.7	r/73.0	r/18.7
Sept.	r/7.10	0.87	7.24	25.5	74.2	22.5	7.11	0.82	7.25	22.6	72.6	18.4
Oct.	p/7.08	0.87	7.22	25.6	74.3	23.3	7.08	0.83	7.22	22.6	72.5	18.6

Note: New series beginning 1965.

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--in this exhibit--permanent loans which are coupled with construction loans to owner-builders. Data prior to 1965 on a comparable basis with the new series are pending. Related series on conventional mortgage rates only, based on unweighted opinions of regional-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 Exhibit F Parts I and II.

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.

r/ Revised. p/ Preliminary.

# YIELDS ON NEW AND SEASONED CORPORATE BONDS

Weekly

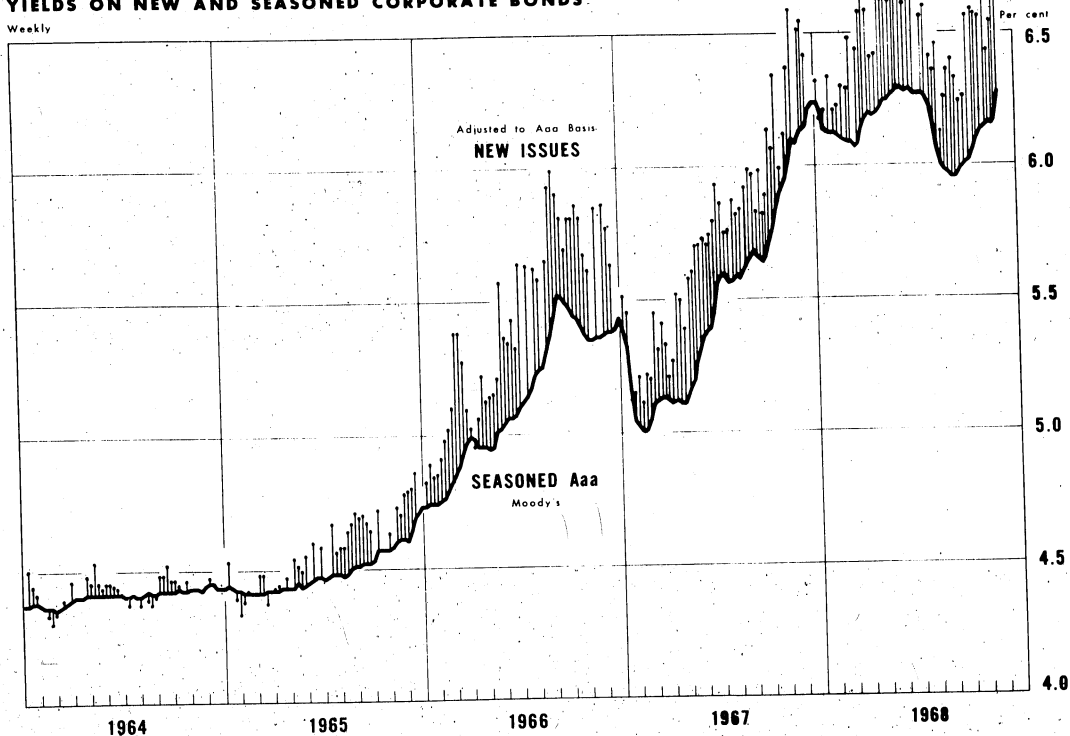


Exhibit G - II

Yields on New Corporate Bond Issues Adjusted to an Aaa basis

	Number of issues	Am't. of issues included (mill. of dollars)	Average yield (per cent)		Number of issues	Am't. of issues included (mill. of dollars)	Average yield (per cent)
<u>Monthly averages:</u>							
1968 - Jan.	13	567.0	6.24				
Feb.	13	564.0	6.30	Oct. 4	2	50.0	6.57
Mar.	10	350.0	6.56		11	181.0	6.59
Apr.	9	465.0	6.52		18	200.0	6.57
May	11	511.0	6.66		25	103.0	6.56
June	13	872.0	6.65				
July	7	552.0	6.54	Nov. 1	2	50.0	6.66
Aug.	8	267.0	6.26		8	60.0	6.43
Sept.	7	450.0	6.30		15	70.0	6.54
Oct.	15	584.0	6.47		22	360.0	6.65
Nov.	11	576.0	6.64		29 <sup>p</sup>	85.0	6.75
<u>Weekly averages:</u>							
High		6.83(5/24/68)					
Low		6.13(8/16/68)					

Note: Averages of offering yields on all new issues of publicly offered corporate bonds rated Aaa, Aa, and A 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) weighted by size of offering. Before averaging, new offerings are adjusted to a composite Aaa basis by deducting from the actual reoffering yield the excess of the weekly average yield for seasoned bonds of the appropriate industry-quality group over the composite average for seasoned Aaa-rated bonds (Moody's). Averages considered unrepresentative because of special characteristics of the offerings included are denoted by an asterisk.

<sup>p</sup>/ Preliminary.

Exhibit H

Long-term Corporate and State and Local Government  
Security Offerings and Placements

(In millions of dollars)

	New Capital					
	Corporate 1/			State and local 2/		
	1968p/	1967	1966	1968p/	1967	1966
January	1,706	1,648	1,302	1,135	1,482	1,188
February	1,568	1,398	1,237	1,152	1,196	858
March	1,740	2,317	2,446	1,379	1,438	865
April	1,385	1,973	1,553	1,310	1,111	1,193
May	1,825	1,474	1,058	1,131	1,229	901
June	2,334	2,611	2,364	1,392	1,497	1,141
July	2,091	2,457	1,039	1,446	943	701
August	1,394	2,406	1,670	1,677	858	773
September	1,497	1,723	1,382	1,330	1,300	1,020
October	e/1,900	2,289	829	e/2,200	974	755
November	e/1,600	1,467	1,085	e/1,200	1,400	969
December	e/1,800	2,336	1,635	e/1,200	1,182	940
1st Quarter	5,014	5,364	4,985	3,666	4,119	2,911
2nd Quarter	5,544	6,058	4,975	3,833	3,837	3,235
3rd Quarter	4,984	6,584	4,091	4,453	3,131	2,494
4th Quarter	e/4,400	6,092	3,550	e/4,600	3,556	2,664
1st half	10,558	11,421	9,959	7,499	7,956	6,146
Three quarters	15,542	18,007	14,050	11,952	11,087	8,640
Year	e/19,942	24,098	17,601	e/16,552	14,643	11,304
	Excluding finance companies 3/					
1st Quarter	4,943	5,207	4,924			
2nd Quarter	5,265	5,913	4,884			
3rd Quarter		6,338	3,969			
4th Quarter		5,657	3,188			
Year		23,115	17,269			

e/ Estimated by Federal Reserve.

p/ Preliminary.

1/ Securities and Exchange Commission estimates of net proceeds.

2/ Investment Bankers Association of America estimates of principal amounts.

3/ Total new capital issues excluding offerings of sales and consumer finance companies.

## Exhibit I

New Corporate Security Issues, Type of Issue  
and Issuer

(In millions of dollars)

Quarter or Month	Gross proceeds for new capital and refunding 1/					Net proceeds for new capital 1/ 2/			
	Total	Bonds		Common and pfd. stock	Memo: Foreign issues included	Mfg.	Public Utility	Communi- cations	Other Issuers
		Publicly Offered	Privately Placed						
1967 - I	5,464	3,263	1,811	390	60	2,442	997	543	1,382
II	6,208	4,017	1,465	726	65	3,014	1,268	548	1,228
III	6,833	4,064	1,551	678	234	2,792	1,219	595	1,976
IV	6,294	3,107	2,137	1,051	93	2,527	1,255	269	2,040
1968 - I	5,178	2,465	1,724	989	313	1,855	1,394	411	1,356
II	5,705	3,105	1,644	956	172	1,653	1,201	529	2,159
1967 - Oct.	2,409	1,375	566	469	34	906	573	119	690
Nov.	1,500	645	551	304	19	512	404	82	469
Dec.	2,385	1,087	1,020	278	30	1,109	278	68	881
1968 - Jan.	1,771	903	546	322	16	537	417	186	566
Feb.	1,607	796	585	226	61	556	546	147	321
Mar.	1,800	766	593	441	236	761	431	78	469
Apr.	1,428	719	438	271	31	353	178	189	663
May	1,867	1,046	521	300	89	550	549	103	622
June	2,418	1,340	685	385	52	750	474	237	874
July	2,144	1,244	528	372	47	818	236	236	301
Aug.	1,433	637	400	396	49	349	438	92	515
Sept.	1,556	725	433	398	28	432	469	155	442
Oct. e/	1,965	1,015	500	450	n.a.	575	550	75	700

e/ Estimated by Federal Reserve. n.a. Not available.

1/ Gross proceeds exceed net proceeds by the cost of flotation.

2/ For total see Exhibit H; other issuers are extractive, railroad and other transportation, real estate and finance, and commercial and other.

SOURCE: Securities and Exchange Commission.

Exhibit J

Other Security Offerings  
(In millions of dollars)

	Gross Long-term 1/					
	Foreign Government 2/			Federal Agency 3/		
	1968	1967	1967	1968	1967	1966
January	127	196	12	999	1,251	--
February	49	--	40	550	783	503
March	107	223	40	1,370	750	410
April	75	27	66	225	650	392
May	142	13	69	744	810	699
June	7	170	76	779	650	1,030
July	100	22	72	800	407	1,084
August	238	586	7	580	250	799
September	229	193	50	250	599	400
October	221	66	23		708	450
November		142	74		710	800
December		18	68		612	239
Jan. - Sept.	1,057	1,430	432	6,297	6,150	5,317
Year		1,656	597		8,180	6,806
	New short-term 4/					
	State and local Government 5/			Federal Agency 3/		
January	300	179	103	490	-179	308
February	89	387	39	436	-552	-24
March	-604	-594	-319	-593	-454	450
April	3	827	580	681	-559	718
May	490	515	462	121	109	85
June	-373	-187	-334	27	93	284
July	584	20	-103	457	-158	-590
August	265 <sup>p/</sup>	593	270	-203	-262	-270
September	-846	.32	-161	-99	1,407	-652
October	319	414	-48	n.a.	606	-555
November		49	503		573	-283
December		-514	-570		36	219
Jan. - Oct. <sup>p/</sup>	227	2,186	489	1,317	51	-246
Year		1,721	531		660	310

<sup>p/</sup> Preliminary. <sup>e/</sup> Estimated by Federal Reserve. n.a.--Not available. <sup>1/</sup> These data differ from those in Exhibit H in that refunding issues, as well as new capital issues, are included. Long-term securities are defined as those maturing in more than one year. <sup>2/</sup> Includes securities offered in the U.S. by foreign governments and their political subdivisions and international organizations. Source: Securities and Exchange Commission. <sup>3/</sup> Issues not guaranteed by U.S. government. Source: Long-term, Securities and Exchange Commission; short-term, Treasury Dept. & Fed. Reserve. <sup>4/</sup> These data differ from those in Exhibit H and above in that they represent new offerings less retirements, whether from the proceeds or refunding issues or from other funds. Data include only issues with original maturity of one year or less. <sup>5/</sup> Principally tax and bond anticipation notes, warrants, or certificates and Public Housing Auth. notes. In some instances PHA notes included may have a somewhat longer maturity than 1 year. Source: Bond Buyer & Federal Reserve.

## Exhibit K

Large Long-term Public Security Issues for New Capital  
(Other than U. S. Treasury) 1/Proceeds of Large Issues Offered  
(In millions of dollars)

	Corporate				State and local governments	Other <u>2/</u>
	Total	Bonds (other than convertibles)	Convertible bonds	Stocks		
1967 - Oct.	1,458	897	285	276	505	50
Nov.	826	461	150	215	865	845
Dec.	978	460	437	81	633	627
1968 - Jan.	904	652	168	85	785	1,095
Feb.	757	575	105	77	591	389
Mar.	788	415	135	238	736	1,030
Apr.	696	500	723	73	794	370
May	1,009	656	283	70	571	145
June	1,461	1,161	120	180	758	500
July	1,243	650	395	98	864	920
Aug.	665	405	143	117	1,165	70
Sept.	736	541	91	104	693	520
Oct.	964	725	160	79	1,433	540

## Large Individual Issues Offered During November.

Issuer	Type <u>3/</u>	Amount (millions of dollars)	Maturity.	Coupon rate or net inter- est cost	Offer- ing yield	Rating
<b>Corporate</b>						
Pacific Gas & Electric	1st mtg. bds.	60.0	2000	6-3/4	6.70	Aa
American Financial Corp.	Conv. debts.	20.0	1988	5-1/2	5.50	--
Wisconsin Elec. Pwr. Co.	Debts.	40.0	1993	7	7.00	A
Florida Power Corp.	1st mtg. bds.	30.0	1998	7	6.80	Aa
Granite Equipment Leasing Corporation	Com. stk.	17.6				
TST Industries, Inc.	Conv. sub. debts.	24.8	1988	6-3/4		--
South Central Bell Telephone Company	Debts.	85.0	1999	6.85	6.85	Aaa
Hartford Elec. Light Co.	1st mtg. bds.	25.0	1998	7-1/8	7.10	Aa
Louisville & Nashville Railroad	Coll. tr. bds.	40.0	1993	7-3/8	7.40	Baa
Boston Edison	1st mtg. bds.	50.0	1998	6-7/8	6.80	Aaa
Florida Power & Light Co.	1st mtg. bds.	50.0	1998	7	6.83	Aa
Puerto Rico Telephone Co.	Debts.	25.0	1993	7.40	7.40	Baa
Anaconda Company	Debts.	150.0	1993	6-5/8	6.67	Aa
General Telephone of Florida	S.F. debts.	35.0	1993	7-1/4	7.34	Baa

## Large Individual Issues Offered During November. (Cont'd)

Issuer	Type 3/	Amount (millions of dollars)	Maturity	Coupon rate or net inter- est cost	Offering yield	Rating
<u>Corporate (Cont'd)</u>						
Northern Natural Gas Co.	Pfd. stk.	20.0				
Northern Natural Gas Co.	Debs.	40.0	1988	7.00	7.05	A
King Resources	Conv. sub. debs.	20.0	1988	5-1/5	5.50	--
Michigan Consol Gas. Co.	1st mtg. bds.	31.0	1993	7-1/2	7.25	A
Public Service of New Hamp- New Hampshire	1st mtg. bds.	15.0	1998	7-1/8	7.00	A
Humble Pipe Line Co.	S.F. debs.	50.0	1998	6-5/8	6.62	Aa
Public Service Elec. & Gas	1st mtg. bds.	40.0	1993	7-1/4	7.08	A
<u>State &amp; local Government</u>						
State of Texas	G.O.	12.0	1974-1978	3.87	3.65-3.85	Aaa
Hialeah, Florida	Rev.-Ut.	14.0	1971-2008	5.51	4.10-5.60	Baa
New York State	G.O.	84.0	1969-88 4/	4.13	3.10-4.30	Aa
State of Delaware	G.O.	31.6	1969-88	4.27	3.10-4.50	Aa
State of Massachusetts	G.O.	54.9	1969-2008	4.36	3.10-4.90	Aa
Warren Consol. Sch. Dist., Michigan	G.O.	12.3	1972-97	4.99	3.90-5.20	Baa
*Boston, Massachusetts	G.O.	17.8	1969-98	4.69-4.79	3.25-5.00	Baa
Hartford, Connecticut	G.O.	14.8	1969-88		3.10-4.35	Aaa
Middletown, Ohio	Rev.-Rent.	61.0	1971-93	n.a.	4.35-5.40	--
Baltimore Co., Maryland	G.O.	11.0	1970-1998	4.56	3.50-5.00	A
State of Alabama	G.O.	15.0	1969-1988	4.47	3.20-4.75	A-1
Los Angeles Dept. of Water and Power	Rev.-Ut.	30.0	1969-1998	4.80	3.25-5.00	Aa
Housing Assistance Admin.	Bonds	110.7	1969-2009	4.83	3.00-5.00	Aaa
Southern Illinois University	Rev.-Rent.	14.3	1997-2008	5.56	3.90-5.60	--
Illinois Building Auth.	Rev.-Rent.	42.0	1969-1992	4.82	3.25-4.90	Aa
State of California	G.O.	15.0	1970-1989	4.51	3.50-4.95	Aa
Moraine Valley Ill., Comm. Coll. District	G.O.	12.5	1969-1986	5.17	3.50-5.20	Baa-1
Pittsburgh, Pa., Sch. Dist.	G.O.	12.0	1969-1993	4.68	3.30-4.85	A-1
<u>Other</u>						
Inter-American Development Bank	Bonds	70.0	1993	6-5/8	6.66	Aaa
Nova Scotia, Province of	S.F. debs.	35.0	1993	7-1/4	7.30	A
*Marinduque Mining & Industrial Corporation	Conv. sub. debs.	15.0	1988	6.00	6.00	--



FOOTNOTES:

n.a. Not available.

- 1/ Includes corporate and other security offerings of \$15 million and over; State and local security offerings of \$10 million and over.
- 2/ Includes foreign government and International Bank for Reconstruction and Development issues and non-guaranteed issues by Federal Agencies.
- 3/ In the case of State and local Government Securities, G.O. denotes general obligation; Rev.-Ut., revenue obligations secured only by income from public utilities; Rev.-S.T., revenue bonds secured by revenue from specific taxes only; Rev.-Rent., revenue bonds secured solely by lease payments.
- 4/ Bonds reoffered in 1988 had a 2% coupon.

Exhibit L

Forthcoming Large Long-term Public Security Offering for New Capital  
(Other than U.S. Treasury) 1/

Expected Proceeds from Forthcoming Large Issues  
(In millions of dollars)

	During month following date shown			Subsequent to date shown		
	Corporate	State and local govt.	Other 2/	Corporate	State and local govt.	Other 2/
1967 - Oct. 31	1,357	505	50	2,694	743	260
Nov. 30	826	865	845	2,129	1,684	875
Dec. 31	968	633	402	1,392	1,076	502
1968 - Jan. 31	531	449	60	736	937	75
Feb. 29	873	683	130	1,105	1,079	265
Mar. 31	758	494	15	935	624	125
Apr. 30	1,103	695	45	1,612	1,069	60
May 31	1,193	485	500	1,403	640	515
June 30	1,068	597	75	1,380	1,042	110
July 31	619	1,071	70	679	1,307	85
Aug. 31	793	1,157	--	868	1,393	15
Sept. 30	490	1,313	450	887	1,552	465
Oct. 31	492	475	185	707	553	100

Forthcoming Large Offerings as of November 29, 1968.

Issuer	Type	Amount (millions of dollars)	Approximate date of offering
<u>Corporate</u>			
New England Power Company	1st mtg. bds.	20.0	December 2
San Diego Gas & Electric Co.	1st mtg. bds.	35.0	December 3
General Telephone of California	Debs.	60.0	December 4
Tampa Elec. Company	1st mtg. bds.	30.0	December 5
GMAC	Debs.	150.0	December 5
Southern Bell Telephone	Debs.	60.0	December 9
*National Bank of Detroit	Conv. Cap. notes	50.0	December 10
Appalachian Power	1st mtg. bds.	45.0	December 10
Lone Star Gas Company	S.F. debs.	30.0	December 12
Western Mass. Electric	1st mtg. bds.	15.0	December 12
*Baltimore Gas & Electric Co.	1st mtg. bds.	40.0	December 17
General Telephone of Michigan	Debs.	22.0	December 17
Chris Craft Industries	Conv. sub. debs.	26.0	December 20 (rts. exp.)
Cleveland Elec. Illuminating Co.	1st mtg. bds.	50.0	January 8
Alexander's Dept. Stores	Com. stk.	20.0	Indefinite
Carter Group	Conv. debs.	15.0	Indefinite

Forthcoming Large Offerings as of November 29, 1968. (Cont'd)

Issuer	Type	Amount (millions of dollars)	Approximate date of offering
<u>Corporate (Cont'd)</u>			
Forest Oil Corporation	Conv. debs.	25.0	Indefinite
G.S.I. Computer	Com. stk.	30.0	Indefinite
International Leisure Corporation	Units	25.0	Indefinite
Kaufman and Broad	Conv. sub. debs.	20.0	Indefinite
Natural Gas Pipeline Co. of America	Pfd. stk.	25.0	Indefinite
*D.P.A.	Sr. Sub. debs.	15.0	Indefinite
Reading & Bates Offshore Drilling Company	Conv. debs.	20.0	Indefinite
Saturn Industries	Conv. sub. debs.	15.0	Indefinite
Tesoro Petroleum	Debs.	15.0	Indefinite
Union Electric	Com. stk.	48.0	Indefinite
Associates Investment Company	Debs.	35.0	Indefinite
<u>State &amp; local Government</u>			
Norfolk, Virginia	G.O.	12.0	December 3
Philadelphia, Pennsylvania	G.O.	58.0	December 3
DeKalb Co. Sch. Dist., Ga.	G.O.	22.8	December 4
*Florida Development Comm. (Expressway)	Rev.-Q.-Ut.	10.0	December 4
Florida Development Comm. (Bridge)	Rev.-Q.-Ut.	23.0	December 4
State of Hawaii	Rev.-Rent.	30.0	December 4
Florida Outdoor Recreation Development Council	Rev.	20.0	December 10
Nassau Co., New York	G.O.	38.0	December 10
Richmond, Virginia	G.O.	17.0	December 11
Rockford Sch. Dist., #205, Ill.	G.O.	10.0	December 11
*Columbus, Ohio	G.O.	18.2	December 16
*State of Mississippi	G.O.	12.7	December 17
*San Francisco Redevelopment Agency, California	Rev.-Rent.	13.2	December 17
Tampa Hillsborough Co. Express- way Authority	Rev.-Q.-Ut.	46.0	December 17
Delaware River Joint Toll Bridge Commission	Rev.-Q.-Ut.	20.0	December
New Madrid, Missouri	Rev.-Rent. (elec.)	100.0	December
New Madrid, Missouri	Rev.-Rent. (alum.)	85.0	December
Port Huron, Michigan	Rev.-Rent.	22.0	Indefinite
Port of Astoria	Rev.-Rent.	150.0	Indefinite
Penna. State Highway and Bridge Authority	Rev.-Q.-Ut.	75.0	Indefinite
Cobb Co., Georgia	Rev.-Ut.	32.5	Indefinite

## Forthcoming Large Offerings as of November 29, 1968. (Cont'd)

Issuer	Type	Amount (millions of dollars)	Approximate date of offering
<u>Other</u>			
Neon Products of Canada, Ltd.	Conv. debts.	20.0	Indefinite
Canadian Utilities, Ltd.	S.F. debts. w/wts.	15.0	Indefinite

\*--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.

NOTE: Deletions other than sale of issue: Union Tank Car, postponed indefinitely due to "market conditions". West Virginia postponed indefinitely - received no bids.

## Exhibit M

Foreign Government and Corporate Security Offerings  
and Placements in the United States

## Part I: Public Offerings

Sale Date	Amount (millions of dollars)	Issuer and Description of Issue
		A. Sold: Sept. 1 through Nov. 29, 1968.
Sept. 17	250.0	International Bank for Reconstruction and Development, 6-3/8% bonds maturing 1994, reoffered to yield 6.44%.
Sept. 19	20.0	Province of New Brunswick -- 6-7/8% S.F. debentures maturing 1991, reoffered to yield 7.05%.
Oct. 2	50.0	Province of Manitoba -- 6-7/8% S.F. debentures maturing 1993, reoffered to yield 6.90%.
Oct. 13	50.0	Quebec Hydro-Electric, Comm. -- Debentures.
Nov. 7	35.0	Nova Scotia, Province of -- 7-1/4% S.F. debentures maturing 1993, reoffered to yield 7.30%.
Nov. 26	15.0	Marinduque Mining & Industrial Corp., (Philippines) - Conv. sub. debentures.
		B. Prospective Offerings
Indefinite	15.0	Canadian Utilities, Ltd., - S.F. debentures with warrants.
*Indefinite	20.0	*Neon Products of Canada, Ltd.

\* - Included in table for first time.

\*\* - Issue sold to investors outside the United States.

\*\*\* - Issue subject to interest equalization tax.

## PART II: Private Placements -- Reported Oct. 1 through Nov. 29, 1968.

Date Reported	Amount (millions of dollars)	Issuer and Description of Issue
10/1/68	10.0	Republic of the Ivory Coast five year loan maturing 1993.
10/24/68	500.0	Churchill Falls Corporation Ltd. (Canada), 7-3/4% bonds maturing 2007.

NOTE: For retrospective data on aggregate foreign corporate and government security offerings in the United States see Exhibits I and J. There is no simple relationship between the data shown in the Exhibit and that shown in Exhibits I and J because the latter includes privately placed securities in the period in which funds are actually taken down but only in the amount of takedown while the placements shown in this exhibit are included when reported, frequently with little or no information concerning timing of takedown. Full or partial takedown may take place both prior and subsequent to the date a placement is reported.