

Not for Publication

H. 14

OCT 4 1967

FEDERAL RESERVE BANK  
OF RICHMOND

October 2, 1967

CAPITAL MARKETS/ DEVELOPMENTS  
IN THE UNITED STATES

Corporate and municipal bond markets. In both the corporate and municipal market this week, the volume of new securities will be below the weekly average over the past year. Almost half the corporate volume consists of a \$100 million offering of convertible preferred stock by ITT. All the municipal offerings are under \$15 million. The week's volume will be supplemented by a \$15 million offering by New Brunswick Electric Power Company.

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

	Corporate		State & Local Government	
	New Capital	Refunding	New Capital	Refunding
<b>Sold:</b>				
52 week avg.	303	--	246	6
Sept. 22	<u>r</u> /285	--	192	--
Sept. 29	341	--	327	--
<b>Scheduled:</b>				
Oct. 6	240	--	106	--

<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 last week and most new issues were well received. Although the large New England Telephone and Telegraph offering got off to a slow start, it was said to be 80 per cent sold by the end of the week. Its difficulties stemmed in part from the fact that the New York Telephone bonds, recently released from syndicate price restrictions, were trading two basis points above the NET&T bonds. Another syndicate--offering Delmarva Power & Light--broke last week and in free market trading the yield on this utility adjusted upward by 11 basis points.

Yields on municipal bonds advanced significantly last week, but new issue reception was only fair. As was the case the week earlier, about two-thirds of the offerings had been sold by the end of the week.

Yields in Security MarketsLevel Latest WeekHigh-Grade  
Notes and BondsChange from  
preceding weekCorporate

New	5.89	+ 7
Seasoned	5.66	+ 2

U.S. Government

Long-term	5.04	+ 3
3-5 year	5.45	+ 1

State and local Govt.

Moody's Aaa	3.83	+ 1
Std. & Poor's high grade	4.22	+ 6

Money Market

Federal funds	3.98	- 2
Treasury bills		
3-month	4.47	- 7
6-month	5.05	+ 1

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 pr portion sol</u>
9/20	50.0	Rochester Gas & Electric 6-1/4's - 1997	6.10	Aa	50%
9/19	25.0	New York State Electric & Gas 6-1/4's - 1997	6.10	Aa	90%
9/12	10.0	Wisconsin Natural Gas 6-3/8's - 1992	6.25	A	55%
9/26	100.0	New England Tel. & Tel. 6-3/8's - 1992	6.06	Aaa	80%

Blue List of Municipal Dealers' Advertised InventoriesLatest WeekEnd of Previous WeekRecent High

511(9/27/67)

507

849(4/26/67)

FNMA secondary market operations. Mortgages offered to the Federal National Mortgage Association for purchase for its secondary market portfolio increased by one-eighth in August, to \$261.0 million. This August total reflected some reduction in offerings from private holders in the last week of the month in response to the 1-1/2 per cent downward adjustment in FNMA prices for eligible mortgages which became effective on August 26. However, offerings since early September have reversed direction again as mortgage interest rates have continued to rise, and as secondary market prices have declined further, based on reports available through August.

FNMA secondary market purchases were \$198.3 million in August-- more than double the expanding total for the previous month. This contrasted sharply with the \$17.8 million recorded as recently as last May. Since they lag offerings by some two months, purchases are likely to increase somewhat further in coming months.

Sales by FNMA in the secondary market in August were negligible-- as they have been for the past two years.

Savings flows. Total net savings inflows at depository-type institutions in August were \$3,580 million, a considerable improvement over the year-earlier experience. Commercial banks, with net inflows of \$2,614 million, accounted for most of the increase over last year for in August 1966 their net inflows had dropped to \$719 million. Savings and loan associations, with net inflows of \$522 million, and mutual savings banks, with net inflows of \$320 million, also registered improvements over the year earlier.

Stock prices. Common stock prices, as measured by Standard and Poor's index of 500 stocks, established a new all-time high on Monday, but declined on balance during the week. Having reached a high of 97.59, the index dropped back to 96.71 by Friday's close, down 0.29 from the previous Friday. Trading volume, averaging 10.2 million shares a day, was fairly heavy.

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.

SAVINGS FLOWS

Year or Month	Total 1/	Savings & Loan Assoc. 2/			Mutual Savings Banks 3/			Commercial Banks 4/		
		Current (millions)	Change from previous year	Per cent change	Current (millions)	Change from previous year	Per cent change	Current (millions)	Change from previous year	Per cent change
<u>Unadjusted</u>										
1961	20,070	8,743	1,184	15.7	1,912	550	40.4	9,415	3,703	64.8
1962	27,901	9,351	608	7.0	3,038	1,126	58.9	15,512	6,097	64.8
1963	29,100	11,072	1,721	18.4	3,255	217	7.1	14,773	-739	-4.8
1964	28,957	10,579	-493	-4.5	4,236	981	30.1	14,142	-631	-4.5
1965	31,953	8,384	-2,195	-20.7	3,582	-654	-15.4	19,987	5,845	41.3
1966	19,557	3,625	-4,759	-56.8	2,557	-1,025	-28.6	13,651	-6,336	-46.4
1967 - Mar.	5,470	1,457	619	73.9	727	371	104.2	3,286	713	27.7
Apr.	£/1,829	497	1,270	--	£/189	530	--	1,143	-427	-27.2
May	£/4,395	1,130	743	192.0	£/440	325	281.7	2,825	1,149	68.6
June	£/4,600	1,935	750	£/63.3	622	400	177.7	2,041	308	17.8
July	£/2,159	61	1,569	--	319	124	63.6	1,779	32	1.8
August p/	3,580	646	522	421.0	320	160	100.0	2,614	1,895	263.6
<u>Seasonally Adjusted</u>										
1967 - Mar.	3,723	993	599	152.0	503	357	244.5	2,227	552	33.0
Apr.	3,168	1,546	1,319	581.1	580	553	--	1,042	-374	-26.4
May	3,762	897	732	443.6	555	335	152.3	2,310	1,250	117.9
June	3,001	864	683	337.3	451	385	583.3	1,686	272	19.2
July	4,212	1,492	1,662	--	435	134	44.5	2,285	84	3.8
August p/	3,452	649	524	419.2	379	165	77.1	2,424	1,866	334.4

1/ Commercial bank data are of the last Wednesday of month except June 30 and December 31; other data are as of the last day of the month.

2/ Data are for the net increase in savings capital at all operating S&L's. Source: FHLBB.

3/ Data are for the net increase in regular deposits--excludes other deposits of a demand nature. Source: Mutual Savings Banks Association.

4/ Data are for the net increase in savings and time deposits adjusted at all commercial banks. Source: Federal Reserve.

## LONG-TERM BOND YIELDS, HIGH-GRADE

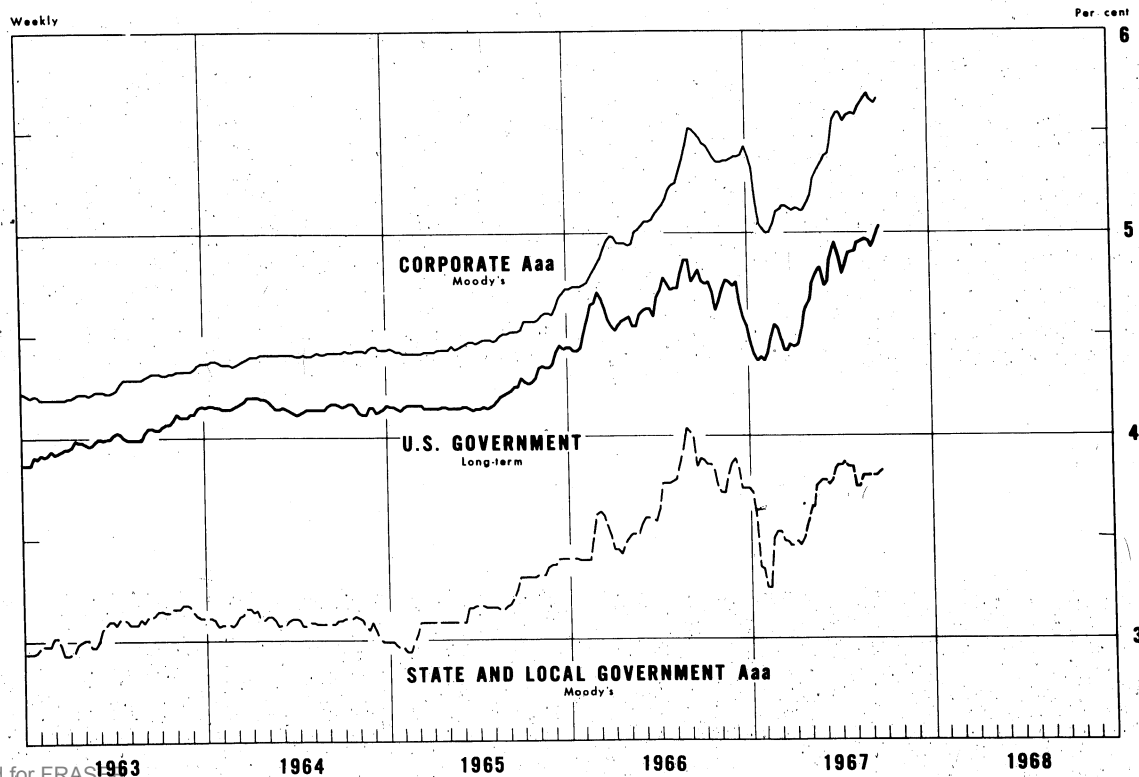


Exhibit A -- Part II

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	5.68(9/1)	5.04(9/29)	3.87(7/13)	.92	1.21
- Low	5.00(2/10)	4.37(2/3)	3.25(2/9)	.44	.74
Sept. 1	5.68	4.96	3.80	.72	1.16
8	5.66	4.93	3.80	.73	1.13
15	5.65	4.96	3.80	.69	1.16
22	5.64	5.01	3.82	.63	1.19
29	5.66	p/5.04	3.83	p/.62	p/1.21

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.

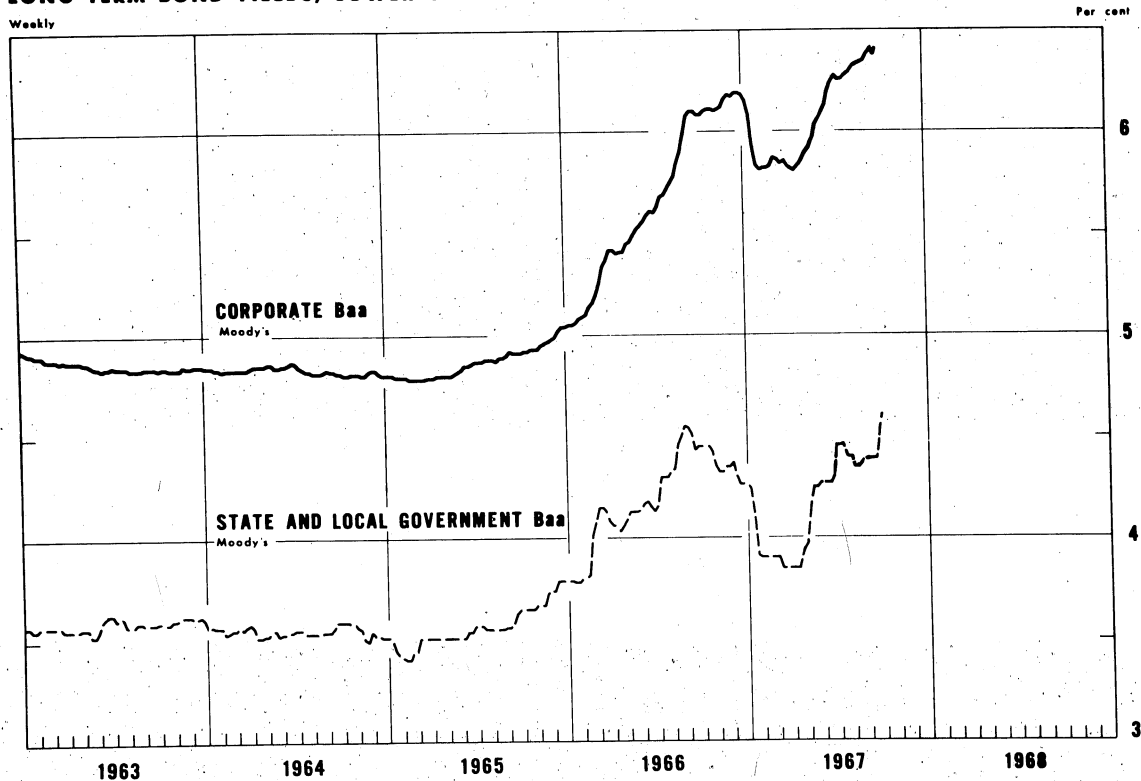
**LONG-TERM BOND YIELDS, LOWER GRADE**

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	6.41(9/29)	4.61(9/29)	.82	.78
Low	5.81(4/14)	3.85(4/13)	.65	.37
Sept. 1	6.35	4.39	.67	.59
8	6.38	4.39	.72	.59
15	6.41	4.39	1/.76	.59
22	6.38	4.51	.74	.69
29	6.41	4.61	.75	.78

Note: For footnotes see Exhibit A.



# SHORT- AND INTERMEDIATE-TERM INTEREST RATES

## GOVERNMENT

Weekly

Per cent

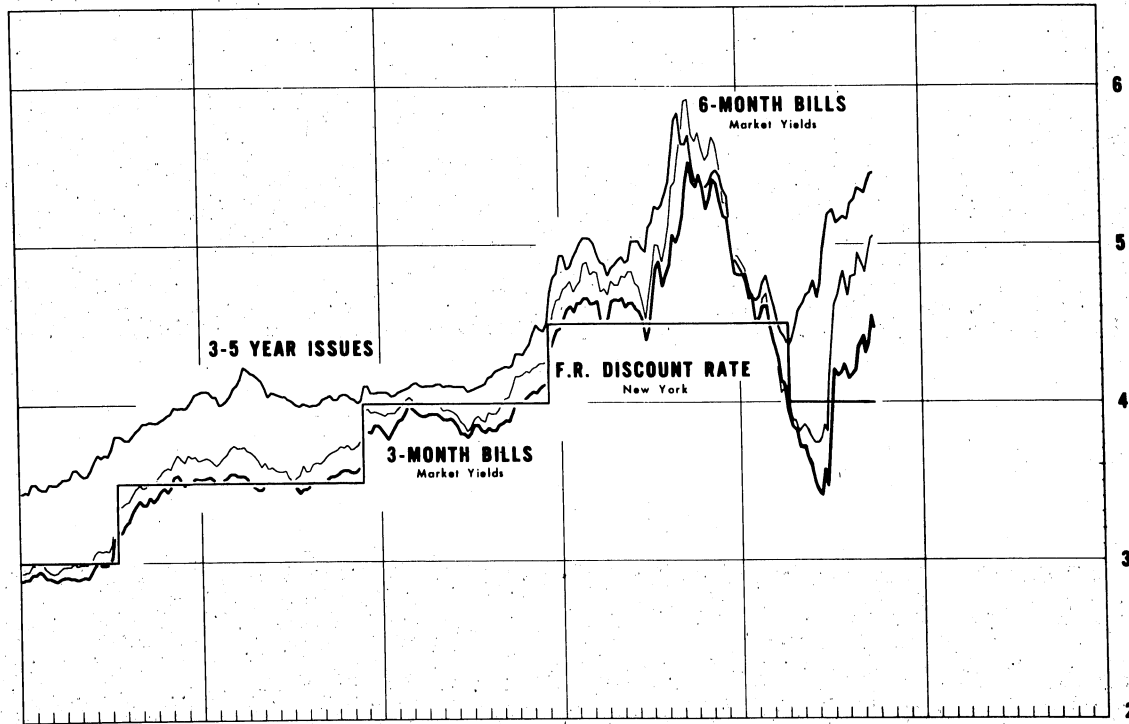


Exhibit C -- Part II

Date	Discount rate 1/	Yields			Spread between yields on	
		3-month bills 2/	6-month bills 2/	3-5 year issues 2/	3-mo. bills and yields on	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	4.81(1/13)	5.05(9/29)	5.45(9/29)	.62	1.61
Sept. 1	4.00	4.41	4.86	5.33	.45	.92
8	4.00	4.31	4.82	5.32	.51	1.01
15	4.00	4.37	4.93	5.39	.56	1.02
22	4.00	4.54	5.04	p/5.44	.50	p/.90
29	4.00	p/4.47	p/5.05	p/5.45	p/.58	p/.98

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

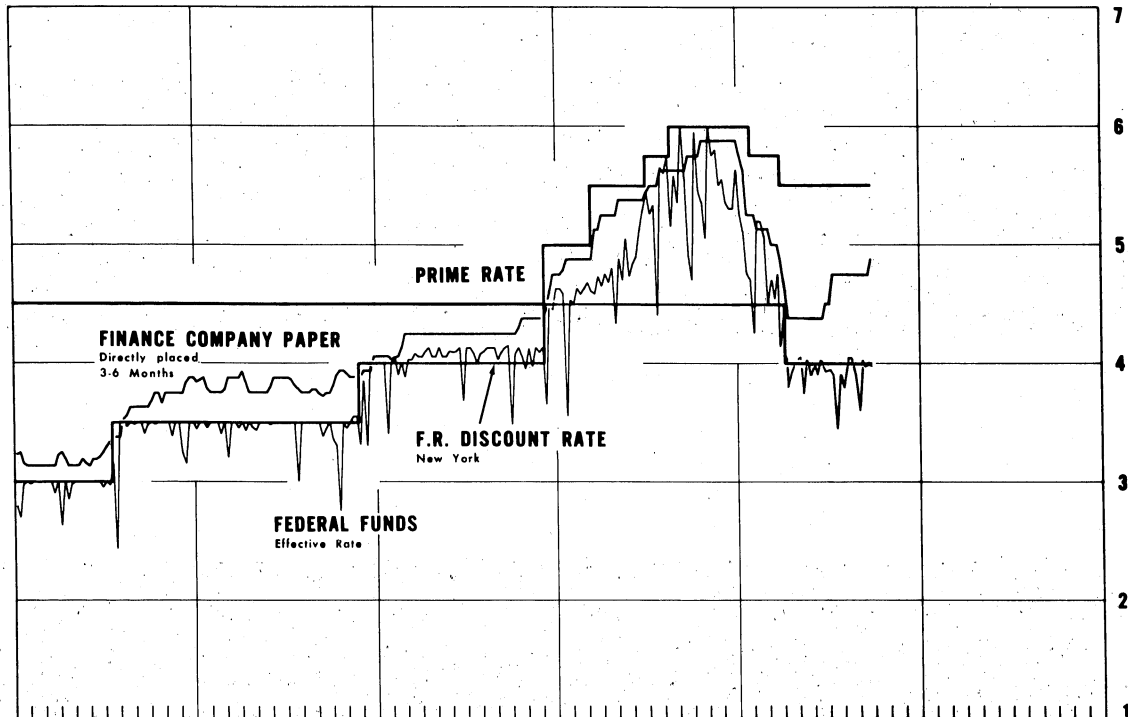
2/ Market yield; weekly averages computed from daily closing bid prices. Series of 3-5 year issues consists of selected notes and bonds.

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.

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

Weekly

Per cent



1963

1964

1965

1966

1967

1968

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(1/6)	5.75(1/6)	5.25(1/6)	.97
Low	5.50(9/29)	4.38(6/23)	3.45(7/21)	.21
Sept. 1	5.50	4.75	3.60	.34
8	5.50	4.75	4.03	.44
15	5.50	4.75	3.98	.38
22	5.50	4.75	4.00	.21
29	5.50	4.88	p/3.98	p/.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.

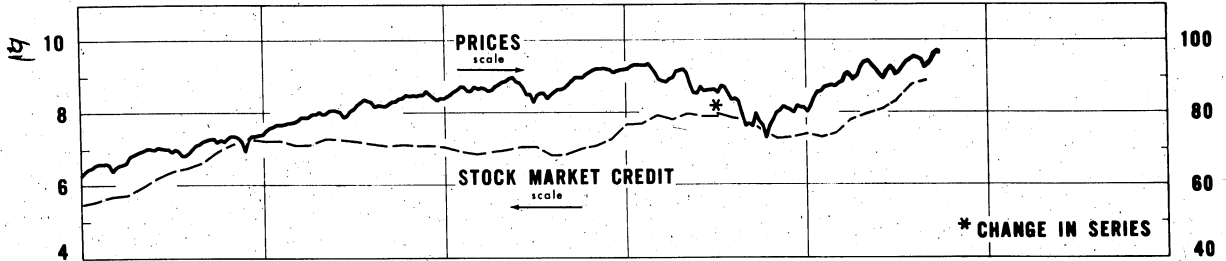
3/ Weekly average of daily effective rate, which is the rate for the heaviest volume of purchase and sale transactions as reported to the Federal Reserve Bank of New York.

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.

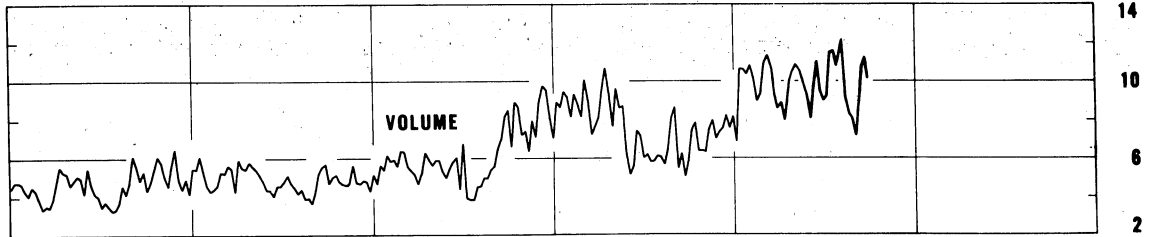
**STOCK MARKET**

Billions of dollars

1941-43 average=100



Millions of shares



Per cent

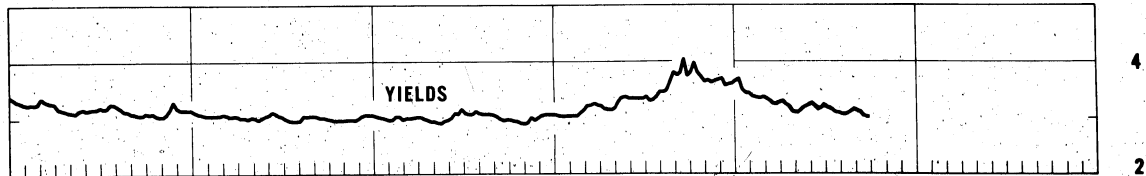


Exhibit E -- Part II

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	93.77(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	97.00(9/22)	3.03	12.1	8,898	6,603	2,308(9/20)
Low	82.18(1/6)	3.58	6.9	7,345	5,290	2,055(2/1)
July	93.01	3.14	10.8	8,800	6,603	2,197
Aug.	94.49	3.11	9.0	8,898	6,642	2,256
Sept. 15	96.27	3.05	10.8	n.a.	n.a.	2,281
22	97.00	3.03	11.3	n.a.	n.a.	2,308
29	96.71	3.03	10.2	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.

EXHIBIT F, Part 1

# FEDERAL NATIONAL MORTGAGE ASSOCIATION

## SECONDARY MARKET OPERATIONS

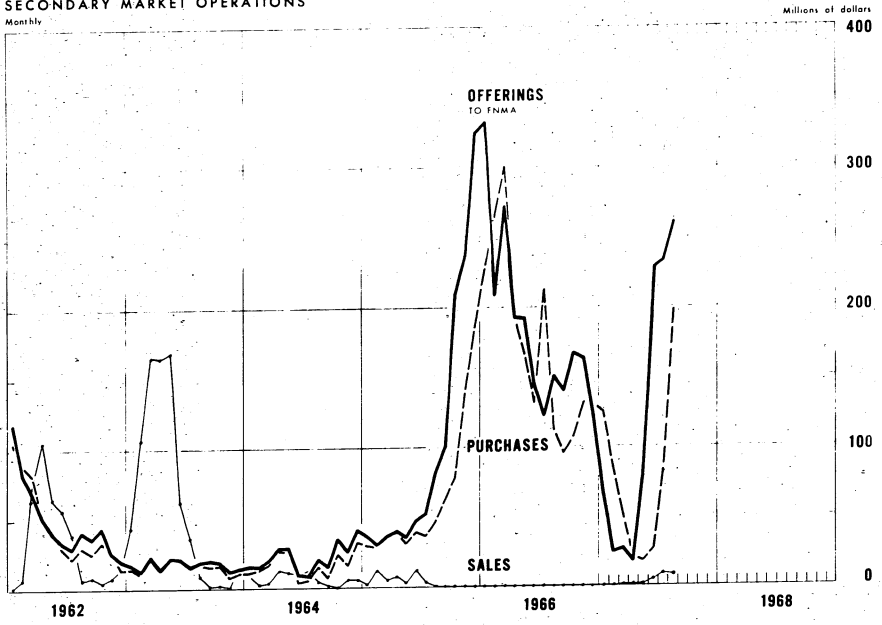


Exhibit F - Part II

Date	Estimated offerings to FNMA			Purchases by FNMA	Sales by FNMA
	Total	Immediate purchase	Standby commitment		
(In millions of dollars)					
1966 - Aug.	150.7	148.7	2.0	112.5	--
Sept.	140.4	138.5	1.9	95.5	--
Oct.	167.5	164.2	3.3	107.2	--
Nov.	163.6	161.0	2.6	132.0	--
Dec.	121.5	120.1	1.4	130.5	--
1967 - Jan.	67.9	67.3	.6	125.0	.2
Feb.	24.4	24.2	.2	84.2	--
Mar.	26.9	26.7	.2	50.9	.9
Apr.	17.8	17.7	.1	20.6	.8
May	78.7	78.5	.2	17.8	1.5
June	229.1	228.8	.3	26.9	6.0
July	232.8	232.6	.2	81.2	.9
Aug.	261.0	260.6	.4	198.3	.8

\*--Less than \$50,000.

1/ Data represent unpaid principal balances of the mortgages involved, exclusive of premiums, discounts, or other charges. Offerings are amounts of applications received during the period from sellers proposing that FNMA execute purchasing contracts. An immediate purchase contract covers existing mortgages which the seller must deliver to FNMA within 45 days. A standby commitment contract relates to proposed mortgages on housing not yet under construction which the seller must usually deliver within one year. Purchases include those under both immediate purchases and standby commitment contracts. Data exclude FNMA activity under Special Assistance and Management and Liquidating Programs.



**YIELDS ON NEW AND SEASONED CORPORATE BONDS**

Weekly

Per cent

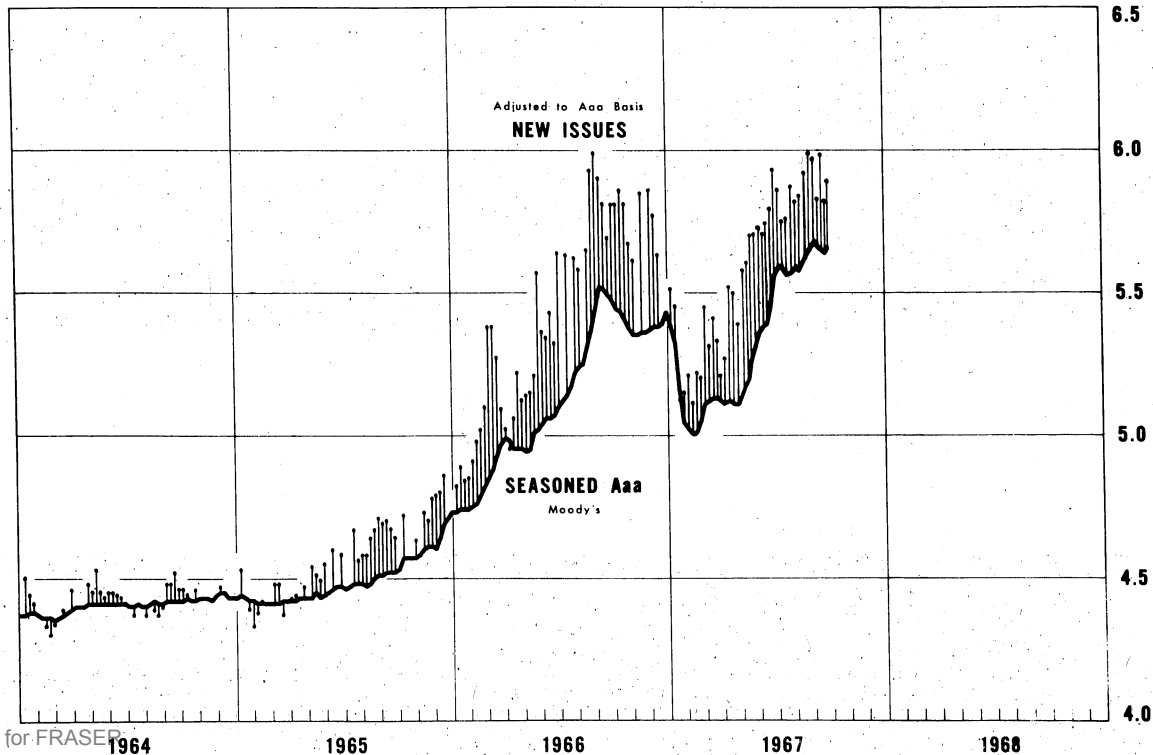


Exhibit G - II

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>							
1967 - Jan.	6	496.0	5.38	July 7	1	75.0	5.86
Feb.	7	481.0	5.20	14	4	282.0	5.75
Mar.	20	1073.0	5.31	21	6	300.0	5.76
Apr.	20	916.0	5.39	28	3	115.0	5.88
May	14	570.0	5.66				
June	23	993.0	5.79	Aug. 4	2	310.0	5.82
July	14	772.0	5.78	11	4	283.0	5.84
Aug.	17	1125.0	5.89	18	5	220.0	5.92
				25	3	102.0	5.99
				Sept. 1	3	210.0	5.97
				8	2	93.0	5.83
				15	4	90.0	5.98
<u>Weekly averages:</u>							
High		5.99(8/25)		22	3	75.0	5.82
Low		5.11(2/10)		29	1	100.0	5.89

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.

70

Exhibit H

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

(In millions of dollars)

	New Capital					
	Corporate			State and local 2/		
	1967	1966 p/	1965	1967	1966 r/	1965
January	1,648	1,302	795	1,467 ✓	1,188 ✓	804
February	1,398 ✓	1,237	746	1,195 ✓	858	872
March	2,317	2,446	1,197	1,438 ✓	865 ✓	904
April	1,973	1,553	1,152	1,110	1,193 ✓	826
May	1,474	1,058	1,691	1,210 ✓	901	924
June	2,611	2,364	1,946	1,443	1,141	972
July	p/2,466	1,039	1,290	925	701	986
August	e/2,400	1,670	850	e/ 800	773	648
September	e/1,800	1,382	1,392	e/1,325	1,020	966
October	e/1,800	829	924	e/1,050	755	794
November		1,085 ✓	1,325		969	1,021
December		1,635	1,496		940	754
1st Quarter	5,363	4,985	2,738	4,100 ✓	2,911 ✓	2,580
2nd Quarter	6,058	4,974	4,789	3,763 ✓	3,235 ✓	2,722
3rd Quarter	e/6,666 ✓	4,091	3,533	e/3,050	2,494	2,600
4th Quarter		3,549 ✓	3,745		2,664	2,569
1st half	11,421 ✓	9,959	7,527	7,874 ✓	6,146 ✓	5,302
Three quarters	e/18,087 ✓	14,050	11,060	e/10,924 ✓	8,640	7,902
Year		17,600 ✓	14,805		11,304 ✓	10,471
	Excluding finance companies 3/					
1st Quarter	5,207	4,924	2,547			
2nd Quarter	5,913	4,884	4,348			
3rd Quarter		3,969	3,283			
4th Quarter		3,492	3,188			
Year		17,269	13,366			

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						
1966 - II	5,115	1,941	2,083	1,090	168	2,205	960	392	1,418
III	4,197	2,256	1,627	314	154	1,558	657	567	1,309
IV	3,669	2,047	1,247	375	117	1,232	984	417	918
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
1966 - Aug.	1,712	1,140	435	137	22	518	313	318	522
Sept.	1,400	676	657	67	62	643	81	198	460
Oct.	892	499	256	137	66	331	254	97	147
Nov.	1,115	569	435	111	27	228	320	168	369
Dec.	1,661	980	555	127	24	673	409	152	401
1967 - Jan.	1,684	745	848	91	35	624	220	293	511
Feb.	1,418	900	362	156	10	563	274	105	456
Mar.	2,362	1,618	601	143	15	1,254	503	145	415
Apr.	2,016	1,368	410	238	16	1,128	394	107	343
May	1,519	965	396	158	32	588	403	91	393
June	2,673	1,684	659	330	17	1,298	471	350	492
July <u>p</u>	2,599	1,888	496	215	208	934	446	40	1,046
Aug. <u>e</u>	2,500	1,810	500	190	n. a.	900	575	250	675

p/ Preliminary. e/ Estimated by Federal Reserve.

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/		
	1967	1966	1965	1967	1966	1965
January	130	12	218	1,251	--	--
February	--	40	--	783	503	129
March	114	40	38	750	410	185
April	27	66	73	650	392	325
May	13	69	--	810	699	--
June	170	76	91	650	1,030	775
July	--	72	33	407	1,084	--
August		7	74		799	239
September		50	5		400	150
October		--	52		450	375
November		74	75		800	375
December		68	2		239	179
Jan. - July	454	303	420	5,301	3,034	1,414
Year		597	661		6,806	2,732
	New short-term 4/					
	State and local Government 5/			Federal Agency 3/		
	1967	1966	1965	1967	1966	1965
January	179	103	238	-179	308	-137
February	387	39	91	-552	-24	-174
March	-594	-319	-458	-454	450	117
April	827	580	647	-559	718	-11
May	p/ 404	462	204	109	85	509
June	p/-185	-334	-82	93	284	237
July	p/ 219	-103	119	-158	-590	132
August		270	408		-270	206
September		-161	152		-652	105
October		-48	59		-555	-309
November		503	274		-283	202
December		-570	-366		219	-76
Jan. - July	1,237	531	640	-1,700	1,821	541
Year		422	1,286		-310	801

p/ Preliminary. e/ Estimated by Federal Reserve. n.a.--Not available. 1/ 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. 2/ Includes securities offered in the U.S. by foreign governments and their political subdivisions and international organizations. Source: Securities and Exchange Commission. 3/ Issues not guaranteed by U.S. government. Source: Long-term, Securities and Exchange Commission; short-term, Treasury Dept. & Fed. Reserve. 4/ 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. 5/ 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 2/
	Total	Bonds (other than convertibles)	Convertible bonds	Stocks		
1966 - Aug.	1,189	862	257	80	410	--
Sept.	627	287	340	--	611	50
Oct.	523	352	116	55	387	--
Nov.	510	363	97	50	464	55
Dec.	1,177	990	118	68	779	60
1967 - Jan.	681	611	30	40	947	230
Feb.	842	709	40	93	675	530
Mar.	1,638	1,435	140	63	669	1,000
Apr.	1,311	956	213	142	512	540
May	870	771	55	44	496	391
June	1,666	1,072	409	185	875	825
July	1,340	890	317	133	483	85
Aug.	1,705	1,288	350	67	473	221

## Large Individual Issues Offered During September

Issuer	Type 3/	Amount (millions of dollars)	Maturity	Coupon rate or net interest cost	Offering yield	Rating
<b>Corporate</b>						
Louisiana Pwr. & Lt. Co.	1st mtg. bds.	18.0	1997	6-1/2	6.35	A
New York Telephone Co.	Ref. mtg. bds.	75.0	2007	6	5.95	Aaa
Monogram Industries	Conv. sub. debds.	25.0	1992	4	4.00	Ba
Jersey Central Pwr. & Lt. Company	1st mtg. bds.	30.0	1997	6-5/8	6.45	A
Delmarva Pwr. & Lt. Co.	1st mtg. bds.	25.0	1997	6-3/8	6.30	Aa
Harris-Intertype	Debs.	25.0	1992	6	6.16	A
Northern Natural Gas	Cum. pfd. stk.	15.0				
Parker-Hannifin	Conv. debds.	20.0	1992	4	4.00	--
Sylvania Electric Products	S.F. debds.	50.0	1992	6-1/4	6.29	Baa
Montgomery Ward Credit Corp.	S.F. debds.	50.0	1987	6-1/2	6.50	--
Champion Spark Plug Co	Debs.	30.0	1992	5-7/8	5.91	Aa
Amerace Corp.	Conv. sub. debds.	15.0	1992	5	5.00	Baa
Rochester Gas & Electric Co.	1st mtg. bds.	20.0	1997	6-1/4	6.15	Aa
Trane Company	Conv. debds.	20.0	1992	4	4.00	Baa
Levin Townsend	Conv. Sr. sub. debds.	25.0	1987	5-1/2	5.50	--
Management Assistance Inc.	Conv. debds.	26.6	1987	6-1/2	6.50	--

## Large Individual Issues Offered During September

Issuer	Type <sup>3/</sup>	Amount (millions of dollars)	Maturity	Coupon rate or net inter- est cost	Offer- ing Yield	Rating
<u>Corporate (Cont'd)</u>						
Data Processing Financial & General Corp.	Conv. debs.	50.0	1987	5-1/2	5.50	--
Portland Gen. Elec. Co.	1st mtg. bds.	50.0	1997	6.60	6.60	Baa
U.S. Plywood-Champion Paper, Inc.	Com. stk.					
New England Tel. & Tel. Co.	Debs.	100.0	2006	6.13	6.06	Aaa
Sprague Electric Co.	Conv. sub. debs.	25.0	1992	4-1/4	4.25	Baa
Allied Stores Corp.	Conv. debs.	50.0	1992	4-1/2	4.50	Ba
<u>State and local Government</u>						
Fairfax County, Virginia	G.O.	16.0	1969-83	4.31	3.50-4.70	Baa
Commonwealth of Puerto Rico	Bonds	32.5	1969-93	4.36	3.60-4.35	Aa
Minneapolis Spec. Sch. Dist.	G.O.	10.2	1969-79	3.71	3.20-3.70	Aaa
Pa. State Hwy. & Bridge Authority	Rev.-Rent.	75.0	1970-89	4.00	3.60-3.98	A
Pittsburgh, Pennsylvania	G.O.	12.9	1968-87 <sup>4/</sup>	4.00	3.60-3.98	A
Jacksonville, Florida	Rev.-Ut.	15.0	1968-82 <sup>5/</sup>	4.05	3.15-4.00	Aa
State of Montana	G.O.	11.1	1968-97 <sup>7/</sup>	4.08	3.30-4.15	--
Louisiana Cap. Constr. and Improv. Comm.	Rev.-S.T.	25.0	1968-87 <sup>7/</sup>	4.26	3.20-4.25	A
State of Washington	Rev.-S.T.	35.9	1968-92 <sup>7/</sup>	4.35	3.30-4.35	Aa
Los Angeles Dept. of Wtr. & Pwr.	Rev.-Ut.	21.0	1968-97	4.16	3.10-4.20	Aa
Indianapolis Sch. Dist.						
Indiana	G.O.	11.9	1969-96	4.01	3.20-4.05	Aa
School Dist. of Philadelphia	G.O.	35.0	1969-92	4.18	3.40-4.25	A
Kentucky State Property and Building Commission	Rev.-Rent	45.5	1971-2000	5.10	4.20-5.20	--
Nashville & Davidson Cos.	Rev.-Ut.	25.0	1969-2007 <sup>8/</sup>	4.51	3.50-4.50	A
Housing Assistance Admin.	Bonds	105.4	1968-2008	3.96	--	Aaa
Jefferson Parish, La., Consol. Waterworks Dist. #2	Rev.-Rent	14.0	1969-97	5.20	4.00-5.20	--
State of Hawaii	Rev.-Rent	20.0	1997	5.32	5.20	Baa
Purdue University	Rev.-Rent.	10.4	1995-97	4.72	3.60-4.75	A
State of California	G.O.	100.0	1969-93 <sup>6/</sup>	4.08	3.30-4.15	--
Milwaukee County, Wisconsin	G.O.	10.7	1968-77	3.93	3.10-4.00	Aaa
Fairfax County Water Auth.	Rev.-Ut.	14.0	1970-87	5.04	4.00-4.80	Baa
Fairfax County Water Auth.	Rev.-Ut.	41.0	1970-87	5	5.00	Baa
Detroit, Michigan	G.O.	15.7	1968-1992	4.92	3.50-4.90	Baa
Detroit, Michigan	G.O.	15.0	1969-78	4.60	3.70-4.55	Baa

## Large Individual Issues Offered During September

Issuer	Type <sup>3/</sup>	Amount (millions of dollars)	Maturity	Coupon rate or net inter- est cost	Offer- ing Yield	Rating
<u>State and local Govt. (Cont'd)</u>						
City of Los Angeles, Calif., Dept. of Airports	Rev.-Rent.	40.0	1968-97	5.08	3.50-5.10	Baa
Crossett, Arkansas	Rev.-Rent.	59.7	1992	5-5/8	5.63	--
Crossett, Arkansas	Rev.-Rent.	15.3	1971-77	5-5/8	4.40-5.10	--
State of Rhode Island	G.O.	13.9	1968-87	4.11		A
<u>Other</u>						
Kingdom of Denmark ***	Bonds	25.0	1982	6-3/4	6.85	--
Finland	Bonds	15.0	1987	7	7.22	--
Quebec Hydro Elec. Comm.	Debs.	50.0	1992	6-1/2	6.50	A
FNMA	Debs.	250.0	1970	5-3/4	5.82	--
Montreal Catholic Sch. Comm.	Debs.	25.0	1992	6-3/4	6.88	A
Alberta Gov't Telephone Comm.	Debs.	35.0	1992	6-1/4	6.35	Aa

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

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

/ In the case of State and local Government Securities, G.O. denotes general obligations; 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.

/ Bonds due 1968-1971 not publicly reoffered.

/ Bonds due 1997 were not reoffered.

/ Bonds due 1993 were not reoffered.

/ Bonds due 1992 were not reoffered.

/ Bonds due 2006-07 were not reoffered.

\* Issue subject to interest equalization tax.



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/
1966 - Aug. 31	662	515	40	853	685	90
Sept. 30	687	300	--	767	390	85
Oct. 31	397	140	--	457	175	35
Nov. 30	1,098	496	--	1,133	571	65
Dec. 30	656	939	80	811	1,154	95
1967 - Jan. 31	486	780	530	706	851	545
Feb. 28	1,410	508	250	1,534	528	265
Mar. 31	767	227	--	905	247	15
Apr. 30	963	326	70	1,262	346	85
May 31	1,449	596	100	2,065	616	115
June 30	1,636	401	40	1,922	402	70
July 31	1,261	512	--	1,576	575	150
Aug. 31	694	783	100	1,335	903	159

Forthcoming Large Offerings as of September 29.

Issuer	Type	Amount (millions of dollars)	Approximate date of offering
<b>Corporate</b>			
Alabama Power	1st mtg. bds.	28.0	October 3
Columbus and So. Ohio Electric	1st mtg. bds.	15.0	October 4
ITT	Conv. pfd. stk.	100.0	October 4
Columbia Gas	Debs.	25.0	October 5
Orange and Rockland Utilities	1st mtg. bds.	23.0	October 10
United Aircraft	Conv. sub. debs.	119.8	October 10 (rts. esp)
Metropolitan Edison	Debs.	20.0	October 10
Southern New England Tel. & Tel.	Com. stk.	27.0	October 13 (rts. exp)
Carolina Power & Light	1st mtg. bds.	40.0	October 17
*Household Finance	Debs.	100.0	October 17
Northern State Power	1st mtg. bds.	30.0	October 18
Detroit Edison	Conv. cum. pfd. stk.	96.1	October 18
New England Power	1st mtg. bds.	15.0	October 19
*Wisconsin Public Service	1st mtg. bds.	25.0	October 25
SCM Corp.	Com. stk.	30.0	October 30 (rts. exp.)
*Philadelphia Electric	Com. stk.	40.0	November 1 (rts. exp.)
*Wannett CO, INC	Com. stk.	15.0	Indefinite
*Transcontinental Gas Pipeline	1st mtg. p.l. bonds	50.0	Indefinite

## Forthcoming Large Offerings as of September 29 (Cont'd)

Issuer	Type	Amount (millions of dollars)	Approximate date of offering
<u>Corporate (Cont'd)</u>			
C.I.T. Financial Corp.	Debs.	75.0	Indefinite
Owens-Illinois Inc.	Conv. sub. deb.	50.0	Indefinite
Pacific Southwest Airlines	Sub. debs. w. wts.	50.0	Indefinite
Penn-Dixie	Conv. debs.	20.0	Indefinite
Montana Power	1st mtg. bds.	30.0	Indefinite
Lincoln First Group	Deb.	15.0	Indefinite
<u>State and local Government</u>			
Los Angeles, Calif., Dept. of Water & Power	Rev.-Rent.	15.0	September 30
Kentucky Turnpike Authority	Rev.-Q.-Ut.	120.0	October 1
Atlanta, Georgia	G.O.	12.5	October 2
Houston, Tex., Ind. Sch. Dist.	G.O.	39.8	October 3
Elizabeth, N. J.	G.O.	10.1	October 10
Penna. State Sch. Bldg. Auth.	Rev.-Rent.	25.0	October 17
Los Angeles Co. Flood Control Dist.	G.O.	25.0	October 17
New York City	G.O.	119.1	October 17
San Francisco B.A.R.T.	G.O.	70.0	October 25
Baltimore, Maryland	G.O.	27.8	October 26
Oklahoma City Airport Trust, Oklahoma	Rev.-Rent.	17.0	October
<u>Other</u>			
New Brunswick Electric Power Comm.	S.F. Debs.	15.0	October 4
Tennessee Valley Authority	Bonds	60.0	November 1
New Zealand	Bonds	15.0	Indefinite
Province of Nova Scotia	S.F. Debs.	35.0	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.

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 Sept. 29, 1967.		
9/6	25.0	Kingdom of Denmark*** -- 6-3/4% external loan bonds maturing 1982, reoffered to yield 6.85.
9/7	15.0	Finland -- 7% Bonds maturing 1987, reoffered to yield 7.22%.
9/20	50.0	Quebec Hydro-Electric Commission -- 6-1/2% debentures maturing 1992, reoffered to yield 6.50.
B. Prospective Offerings		
Indefinite	15.0	New Zealand -- Bonds ***
Indefinite	35.0	Province of Nova Scotia -- S.F. debentures.

\* - Included in table for first time.

\*\* - Issues sold to investors outside of U.S.

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

M-2

PART II: Private Placements - Reported Sept. 1 through Sept. 29, 1967.

Date Reported	Amount (millions of dollars)	Issuer and Description of Issue
9/8	41.7	St. Anne -- Nackawic Pulp & Paper Co., Ltd. 1st mtg. notes maturing 1987 -- no information available on takedown.
9/18	3.8	Compania Desarrolladora Panamena, S.A. -- 5-1/4% notes maturing 1987 -- no information available on takedown.
9/25	6.5	Northern & Central Gas Co. Ltd., -- 6% sub. notes maturing 1987 -- no information available on takedown.
9/25	18.0	Traders Group, Ltd. -- collateral notes maturing 1987 -- no information available on takedown.

Note: For retrospective data on aggregate foreign corporate and government security offerings in the United States see Exhibits I and U. 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.