

July 8, 1963.

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CAPITAL MARKET DEVELOPMENTS
IN THE UNITED STATESFEDERAL RESERVE (Including Review of Corporate Security Issues Sold During
OF RICHMOND the First Half of 1963 to Retire Outstanding Securities)

The volume of public security financing to obtain new capital was quite light during the past holiday-shortened week, but is expected to be somewhat larger this week. Last week, ending July 5, subscription rights expired on a \$20 million corporate stock issue and a \$23 million State and local government bond issue was sold. This week, three large corporate issues totaling \$100 million, three State and local issues with par value of \$71 million, and a \$20 million bond issue of Milan, Italy are on the calendar for public offering.

Bond yields. Yields on both Aaa- and Baa-rated corporate bonds rose a basis point last week to 4.23 and 4.85 per cent, respectively. Long-term U. S. Government bond yields increased two basis points to 4.02 per cent, their highest level since early August last year. Yields on Aaa- and Baa-rated State and local government bonds, on the other hand, fell two and three basis points, respectively, to 3.08 and 3.60 per cent.

Short- and intermediate-term interest rates. Rates on 3-month and 6-month Treasury bills rose four and five basis points, respectively, last week to 3.03 and 3.12 per cent; at these levels 6-month bill yields were the highest since early last summer and 3-month bill yields the highest since spring of 1960. Yields on 3-5 year U. S. Government securities advanced five basis points to 3.72 per cent, their highest level since July 1962. Late last week several major finance companies increased the advertised rate on 90-179 day paper by one-eighth of a per cent to 3-3/8 per cent; as a result the average rate on such paper increased five basis points to 3.30 per cent. The average effective Federal funds rate increased to 3.00 per cent.

FNMA secondary market operations. Reflecting continued heavy demands for mortgages from private lenders, sales by the Federal National Mortgage Association in the secondary market in May remained sharply in excess of purchases for the fifth consecutive month. Sales by FNMA in May totaled \$169.4 million, only slightly below the June 1958 peak. Purchases by FNMA rose somewhat to \$19.9 million, while offerings were \$21.9 million.

In addition to its regular secondary market sales in May, sales by FNMA from its "special assistance" portfolio amounted to \$45.6 million, less than one-half the unusually large April total.

Stock market. Common stock prices rebounded sharply last week in moderate trading. Prices, as measured by Standard and Poor's composite index of 500 stocks, rose over one per cent on balances to close at 70.22

on July 5, nearly offsetting the previous week's losses. Trading volume averaged 3.5 million shares a day, the lowest since March.

Corporate security issues sold during the first half of 1963 to retire outstanding securities. Corporate security financing to refund outstanding securities probably totaled around \$1.0 billion during the first half of this year, twice as much as in the preceding half-year period and more than in any six-months since the last half of 1954. Refunding this year reflected primarily financing of electric and gas utility companies, as it did in the last half of 1962; in both periods these companies took advantage of the relatively low level of interest rates to refund outstanding securities at lower interest costs. The first half total also includes a \$250 million refunding issue of the American Telephone and Telegraph Corporation.

Seventeen corporations offered bond issues to the general public during the January-June period this year to raise funds to retire \$581 million in outstanding bonds.* The table on the following page presents details on each of these new issues and on the issue, or issues, which these proceeds were used to retire. Issues are divided into two groups, Group A--amounting to \$480 million--is comprised of issues refunded primarily to reduce interest costs while Group B--totaling \$101 million--includes issues refunded mainly because of approaching maturity.

Most of the issues refunded to reduce interest costs were sold in 1959 and 1960 when yields on new issues were appreciably higher than during the first six months of this year. Five issues, however, were sold in 1957, and probably could have been refunded at lower rates in 1958; restrictions in the bond indentures of two of these--the AT&T and Southern California Gas issues--prevented retirement prior to late 1962; the other three issues, however, could have been refunded at any time since their offering date on 30 days' notice to the bondholders.

Issuers were able to place issues in Group A at interest costs of 46 to over 100 basis points lower than those on the issue refunded. This difference, of course, does not measure the interest savings to the issuer because issues are callable prior to maturity at some price above par. The effect of the call price on total interest savings in a refunding operation can be illustrated by the \$250 million American Telephone and Telegraph refunding this May. The new issue was placed at a 57 basis point lower cost than the issue it refunded, but the latter had a call price of 106.46 payable to holders. This was equivalent to roughly 31 basis points a year on the refunded issue, so the net interest savings on the refunding amounted to

*--Most of the remaining \$400 million of securities sold to refund outstanding securities were private placements; available information on these does not permit detailed analysis.

about 26 basis points, or roughly \$12 million to the original redemption date of the old issue (in addition maturity was extended 16 years).

Proceeds from all new issues in Group B, except the Southern California Edison Company refunding issue, were to retire issues reaching maturity this year. All issues to be retired from these funds appear to have been placed at lower rates than those obtained on the new issues. The Southern California Edison Company refunding represents the second effort of that company to take advantage of periods of relatively low interest rates to gradually retire a \$100 million issue falling due in 1965 at the lowest possible interest cost; \$32.4 million of this issue was also refunded last October.

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

Issuer	Date Sold	Amount (millions of dollars)	Type of issue	Maturity	Coupon rate	Cost to issuer (in per cent)	Call price
Group A: Sold Primarily to Reduce Interest Cost							
Columbia Gas System, Inc.	1/63	25.0	Deb.	1988	4-3/8	4.43	--
To refund:	10/59	25.0	Deb.	1984	5-3/8	5.44	104.75
Chesapeake & Potomac Tel. Co.	1/63	50.0	Deb.	2002	4-3/8	4.26	--
To refund:	1/60	25.0	1st mtg. bds.	1996	5-1/4	5.23	105.00
Public Service Co. of Oklahoma	1/63	10.0	1st mtg. bds.	1993	4-1/8	4.24	--
To refund:	2/60	9.9	1st mtg. bds.	1990	5	5.13	103.50
Dallas Pwr. & Lt. Co.	1/63	25.0	1st mtg. bds.	1993	4-1/4	4.23	--
To refund:	12/59	20.0	1st mtg. bds.	1989	5-1/4	5.15	106.76
Arkansas Pwr. & Lt. Co.	2/63	15.0	1st mtg. bds.	1993	4-3/8	4.36	--
To refund:	12/59	15.0	1st mtg. bds.	1989	5-5/8	5.50	107.30
Michigan Con. Gas Co.	3/63	30.0	1st mtg. bds.	1988	4-1/2	4.39	--
To refund:	6/57	27.8	1st mtg. bds.	1987	6-1/4	6.16	107.50
Atlanta Gas Lt. Co.	3/63	27.0	1st mtg. bds.	1988	4-3/8	4.36	--
To refund:	10/57	7.3	1st mtg. bds.	1982	5-1/8	5.02	106.10
	12/60	8.8	1st mtg. bds.	1985	5-1/8	5.09	106.10
Southwestern Elec. Pwr. Co.	4/63	30.0	1st mtg. bds.	1993	4-3/8	4.36	--
To refund:	5/59	16.0	1st mtg. bds.	1989	5-1/8	5.09	105.50
Wisconsin Michigan Pwr. Co.	4/63	6.0	1st mtg. bds.	1993	4-1/2	4.39	--
To refund:	10/59	3.0	1st mtg. bds.	1989	5-3/8	5.36	106.53
Utah Pwr. & Lt. Co.	4/63	15.0	1st mtg. bds.	1993	4-1/2	4.46	--
To refund:	9/57	15.0	1st mtg. bds.	1987	5-1/4	5.15	106.24
Tampa Elec. Co.	4/63	48.0	1st mtg. bds.	1993	4-1/4	4.43	--
To refund:	6/60	24.8	1st mtg. bds.	1990	5	4.89	107.00
American Tel. & Tel. Corp.	5/63	250.0	Deb.	1999	4-3/8	4.37	--
To refund:	10/57	250.0	Deb.	1983	5	4.94	106.46
Southern Cal. Gas Co.	6/63	40.0	1st mtg. bds.	1988	4-3/8	4.36	--
To refund:	6/57	32.5	1st mtg. bds.	1983	5-1/8	5.08	105.68
Group B: Sold Primarily for Other Reasons							
Central Ill. Lt. Co.	3/63	9.4	1st mtg. bds.	1993	4-1/4	4.29	--
To refund:	4/49	9.4	1st mtg. bds.	1963	3-1/4	n.a.	--
Chicago Union Station Co.	5/63	29.0	1st mtg. S.F. bds.	1988	4-5/8	4.72	--
	5/63	10.0	Deb.	1964-68	3-7/8	4.18	--
	5/63	10.0	Deb.	1969-73	4-3/8	4.82	--
To refund:	3/40	13.8	1st mtg. bds.	1963	3-1/8	3.09	100.00
	8/44	33.5	1st mtg. bds.	1963	2-7/8	2.83	100.00
Southern Cal. Ed. Co.	5/63	60.0	1st&ref.mtg. bds.	1988	4-3/8	4.37	--
To refund:	10/40	32.4	1st&ref.mtg. bds.	1965	3	2.89	101.00
Southern Railway Co.	6/63	50.0	1st&gen.mtg. bds.	1988	4-5/8	4.68	--
To refund:	11/43	12.2	1st mtg. bds.	1963	3-3/4	3.80	100.00

LONG-TERM BOND YIELDS, HIGH-GRADE

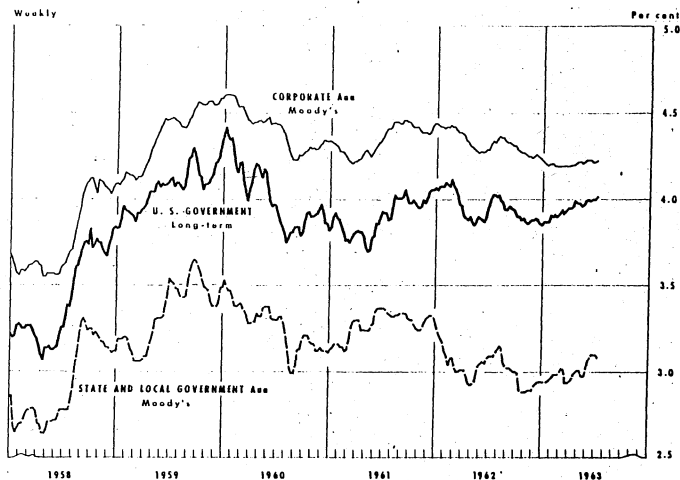


Exhibit A - Part II

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)				
1958 - Low	3.55 (5/2)	3.07 (4/25)	2.64 (5/1)	.22	.34
1959-60 - High	4.61 (1/29/60)	4.42 (1/8/60)	3.65 (9/24/59)	.59	.92
1960-61 Low	4.21 (3/17/61)	3.70 (5/12/61)	2.99 (9/1/60)	.19	.46
1961 - High	4.46 (9/15)	4.07 (12/29)	3.37 (7/6)	.57	.76
1962 - Low	4.23 (12/28)	3.85 (12/28)	2.88 (11/8)	.30	.80
1963 - High	4.23 (7/5)	4.02 (7/5)	3.10 (6/27)	.35	1.02
Low	4.19 (3/29)	3.87 (1/18)	2.93 (3/28)	.21	.90
June 7	4.23	4.00	3.06	.23	.94
June 14	4.23	3.99	3.08	.24	.91
June 21	4.22	4.00	3.10	.22	.90
June 28	4.22	4.00	3.10	.22	.90
July 5 p/	4.23 ✓	4.02	3.08	.21	.94

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.

EXHIBIT B, Part I

LONG-TERM BOND YIELDS, LOWER-GRADE

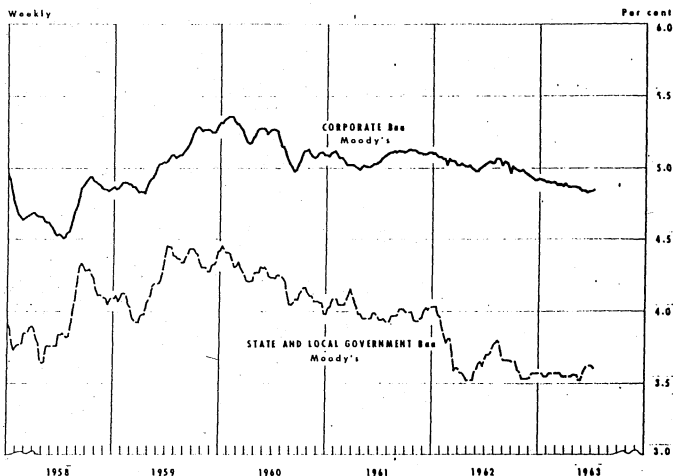


Exhibit B - Part II

Date	Corporate Baa <u>1</u> /	State and local govt. Baa <u>3</u> /	Spread between Aaa and Baa	
			Corporate	State and local govt.
	(per cent)			
1958 - Low	4.51 (7/11)	3.64 (5/1)	.77	.93
1959-60 - High	5.36 (2/12/60)	4.46 (1/7/60)	.84	1.08
1960-61 Low	4.98 (9/9/60)	3.93 (11/9/61)	.66	.57
1961 - High	5.13 (10/27)	4.16 (3/23)	.81	.93
1962 - Low	4.92 (12/21)	3.52 (5/17)	.63	.56
1963 - High	4.93 (1/4)	3.63 (6/27)	.71	.63
Low	4.83 (6/14)	3.52 (5/23)	.60	.52
June 7	4.84	3.60	.61	.54
June 14	4.83	3.62	.60	.54
June 21	4.84	3.63	.62	.53
June 28	4.84	3.63	.62	.53
July 5 <u>p</u> /	4.85	3.60	.62	.52

Note: For footnotes see Exhibit A.

SHORT- AND INTERMEDIATE- TERM INTEREST RATES, GOVERNMENT

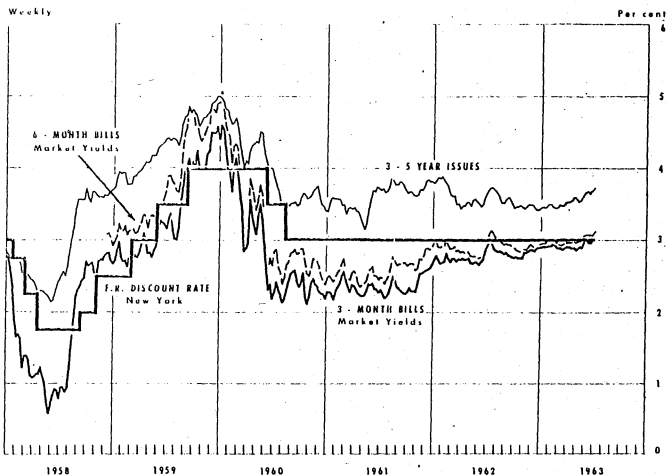


Exhibit C - Part II

Date	Discount rate 1/	Yields			Spread between yields on 3-	
		3-month bills 2/	6-month bills 2/	3-5 year issues 2/	month bills and yields on 6-mo. bills	3-5 yr. issues
(per cent)						
1958 - Low	1.75	.58 (5/29)	3.02 (12/26)	2.14 (6/6)	.26	.04
1959-60 High	4.00	4.59 (1/8/60)	5.07 (1/8/60)	5.00 (12/24/59)	.79	1.80
1960-61 Low	3.00	2.11 (10/28/60)	2.35 (4/28/61)	3.15 (5/12/61)	.12	.38
1961-62 High	3.00	2.97 (7/13/62)	3.13 (7/20/62)	3.88 (2/2/62)	.44	1.51
1962 - Low	3.00	2.65 (6/8)	2.74 (6/8)	3.41 (12/28)	.02	.52
1963 - High	3.00	3.03 (7/5)	3.12 (7/5)	3.72 (7/5)	.10	.70
Low	3.00	2.88 (3/15)	2.93 (3/8)	3.44 (1/18)	.04	.52
June 7	3.00	3.00	3.08	3.68	.08	.68
June 14	3.00	2.98	3.07	3.66	.09	.68
June 21	3.00	2.98	3.08	3.68	.10	.70
June 28	3.00	2.99	3.07	3.67	.08	.68
July 5 p/	3.00	3.03 ✓	3.12	3.72	.09	.69

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

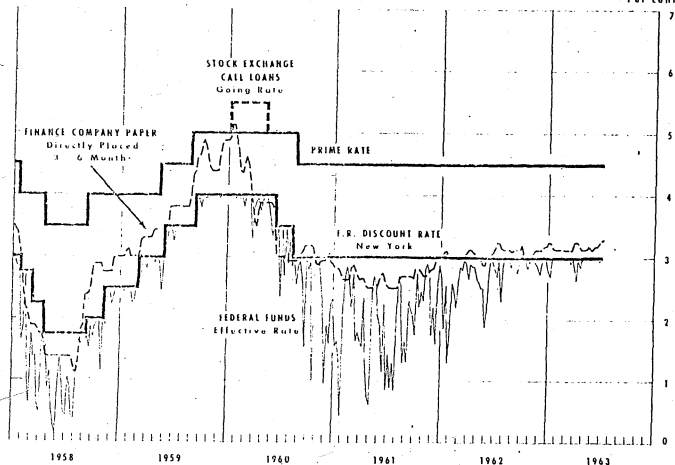


Exhibit D - Part II

Date	Stock Exchange call loan <u>1/</u>	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)				
1958 - Low	3.50	3.50	1.13 (8/8)	.13 (5/29)	-.35
1959-60 - High	5.50	5.00	5.13 (1/22/60)	4.00 (5/13/60)	1.02
1960-61 Low	4.50	4.50	2.50 (8/5/61)	.43 (1/27/61)	.17
1961-62 - High	4.50	4.50	3.25 (7/20/62)	3.00 (12/28/62)	.25
1962 - Low	4.50	4.50	2.88 (6/1)	1.30 (1/26)	.19
1963 - High	4.50	4.50	3.30 (7/5)	3.00 (7/5)	.36
Low	4.50	4.50	3.13 (5/31)	2.63 (4/5)	.15
June 7	4.50	4.50	3.19	3.00	.19
June 14	4.50	4.50	3.19	3.00	.21
June 21	4.50	4.50	3.21	3.00	.23
June 28	4.50	4.50	3.25	2.95	.26
July 5 p/	4.50	4.50	3.30	3.00	.27

1/ Weekly rate shown is that in effect at end of period. Stock Exchange call loan rate is going rate on call loans secured by customers' stock exchange collateral at New York City banks. 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.

Notes: 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

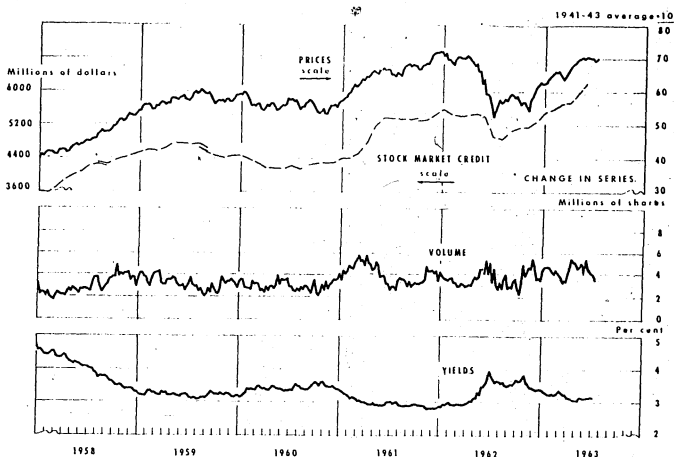


Exhibit E - Part II

Date	Stock price index 1/ 	Common stock yields 2/ (per cent)	Trading volume 3/ (millions of shares)	Stock market customer credit		
				Total	Customers' debit bal- ances 4/	Bank loans to "others" 5/
(In millions of dollars)						
1961-62 - High	72.04 (12/8/61)	2.82	10.1	5,602(12/61)	4,259 (12/61)	1,377(8/30/61)
Low	52.68 (6/22/62)	3.96	2.4	4,876(7/62)	3,562 (7/62)	1,269(9/26/62)
1963 - High	70.25 (6/21)	3.13	5.5	6,229(5/63)	4,737(5/63)	1,522(6/26)
Low	64.10 (3/1)	3.36	3.3	5,595(1/63)	4,208(1/63)	1,378(2/23)
May	70.14	3.13	4.8	6,229	4,737	1,492
June	70.11	3.16	4.5	n.a.	n.a.	n.a.
June 21	70.25	3.16	4.1	n.a.	n.a.	1,498
June 28	69.37	3.19	4.0	n.a.	n.a.	1,522
July 5 p/	70.22	3.16	3.5	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.

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. Prior to July 1, 1959, such loans are excluded only at banks in New York and Chicago. Weekly reporting banks account for about 70 per cent of loans to others.

For further detail see Bulletin.

FEDERAL NATIONAL MORTGAGE ASSOCIATION

SECONDARY MARKET OPERATIONS

Monthly

Millions of dollars

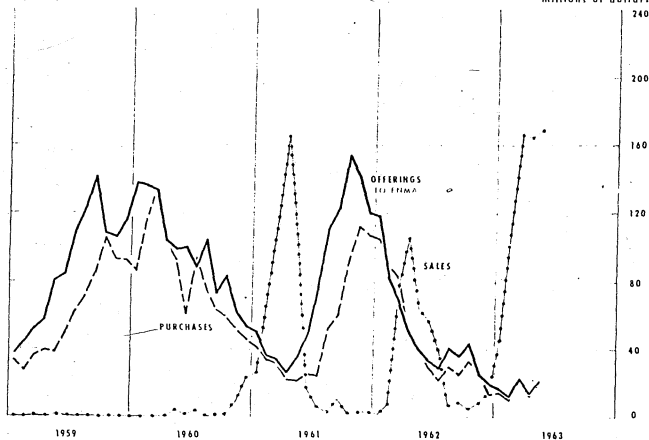


Exhibit F - Part II

Date	Estimated offerings to FNMA			Purchases by FNMA	Sales by FNMA
	Total	Immediate purchase	Standby commitment		
(In millions of dollars)					
1962 - May	40.3	38.8	1.5	42.0	64.0
June	33.0	31.7	1.3	29.0	56.3
July	29.0	27.9	1.1	21.9	38.5
Aug.	40.8	39.2	1.0	29.6	6.3
Sept.	35.9	35.2	.7	25.0	8.4
Oct.	43.5	42.7	.8	33.1	4.5
Nov.	25.7	24.6	1.2	26.6	8.1
Dec.	19.7	19.3	.4	13.5	14.4
1963 - Jan.	16.8	16.5	.2	14.3	45.3
Feb.	12.5	12.4	.1	10.1	107.7
Mar.	23.1	22.6	.5	21.9	166.4
Apr.	14.1	13.5	.6	12.3	165.2
May p/	21.9	21.8	.1	19.9	169.4

p/—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 these under both immediate purchases and standby commitment contracts. Data exclude FNMA activity under Special Assistance and Management and Acquisition Programs.

YIELDS ON NEW AND SEASONED CORPORATE BONDS

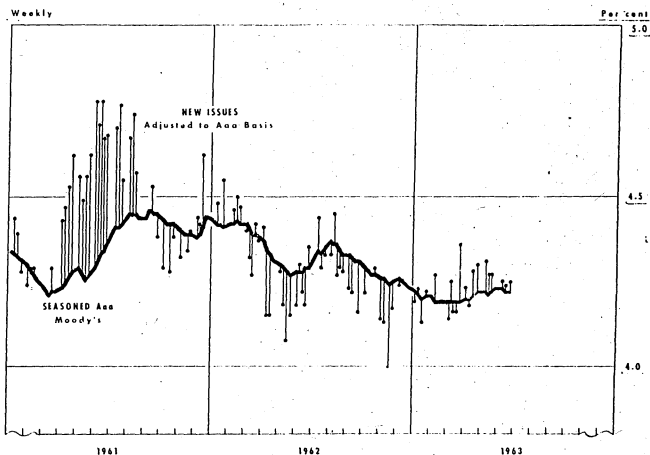


Exhibit G - Part II

Yields on New Corporate Bond Issues Adjusted to an Aaa basis

	Number of issues	Am't of issues included (mil. of dollars)	Average yield (per cent)			Number of issues	Am't of issues included (mil. of dollars)	Average yield (per cent)
Weekly averages:								
1963 - Feb: 1	1	25.0	4.21	May 3	1	25.0	4.22	
8	2	64.0	4.27*	10	2	266.0	4.31*	
15	--	--	--	17	1	30.0	4.1	
22	4	100.0	4.19	24	3	76.0	4.27	
Mar. 1	1	12.0	4.14	31	--	--	--	
8	2	55.0	4.25*	June 7	1	50.0	4.23*	
15	2	24.4	4.16	14	3	34.0	4.25	
22	3	87.0	4.16	21	2	115.0	4.24	
29	2	222.0	4.36*	28	2	46.5	4.25	
Apr. 5	2	45.0	4.23	July 5	--	--	--	
12	1	6.0	4.18					
19	3	95.0	4.28					
26	3	128.0	4.30					

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 offering 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.

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

(In millions of dollars)

	New capital					
	Corporate 1/			State and local 2/		
	1963	1962	1961	1963	1962	1961
January	613	592	580	p/732	876	711
February	595	859	667	p/722	1,133	689
March	1,144	807	562	p/968	628	764
April	p/915	1,113	2,118	p/812	873	722
May	e/750	760	1,259	e/850	912	640
June	e/1,100	1,132	1,318	e/850	786	1,034
July	e/ 650	582	1,028	e/500	612	486
August		749	762		544	604
September		579	647		427	734
October		835	1,090		650	679
November		703	948		578	789
December		1,103	1,000		550	610
1st quarter	2,351	2,258	1,809	p/2,422	2,637	2,165
2nd quarter	e/2,765	3,005	4,695	e/2,512	2,571	2,396
3rd quarter		1,910	2,437		1,582	1,824
4th quarter		2,641	3,038		1,779	2,078
1st half	e/5,116	5,264	6,504	e/4,934	5,208	4,561
Three quarters		7,173	8,941		6,790	6,385
Year		9,814	11,979		8,568	8,463
Excluding finance companies 3/						
1st quarter	2,284	2,199	1,554			
2nd quarter	e/2,465	2,919	4,552			
3rd quarter		1,775	2,337			
4th quarter		2,410	2,807			
Year		9,303	11,253			

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.

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 pfld. stock	Memo: foreign issues included	Mfg.	Public utility	Communi- cations	Other issuers
		Publicly offered	Privately offered						
1960 - III	2,520	1,336	754	429	38	562	652	317	896
IV	2,832	1,462	955	416	17	625	696	381	997
1961 - I	1,992	662	880	449	76	515	381	81	832
II	5,352	2,303	1,275	1,774	155	1,466	1,081	1,095	1,052
III	2,566	772	1,139	654	69	935	595	104	803
IV	3,236	967	1,424	845	62	792	836	147	1,263
1962 - I	2,378	1,155	716	507	68	655	430	456	717
II	3,250	1,389	1,222	639	257	996	983	231	794
III	2,184	853	1,024	307	56	601	375	275	659
IV	2,957	1,089	1,568	300	179	769	568	321	986
1963 - I	2,700	1,108	1,306	287	128	947	326	236	842
II e/	3,467	1,375	1,718	373	n.a.	730	663	127	1,245
1961 - July	1,075	424	392	259	52	428	269	16	315
Aug.	813	225	411	177	7	255	215	13	279
Sept.	678	123	336	218	10	252	111	75	209
Oct.	1,155	336	509	310	25	271	306	25	487
Nov.	987	414	348	225	12	215	362	80	291
Dec.	1,094	217	567	310	25	306	168	42	485
1962 - Jan.	647	273	232	143	3	205	89	73	225
Feb.	884	497	232	155	12	131	148	362	218
Mar.	847	386	253	209	54	318	193	21	275
Apr.	1,217	654	227	336	10	384	377	88	264
May	801	247	420	134	147	270	196	64	229
June	1,232	488	575	169	100	342	410	79	301
July	630	200	366	67	13	217	118	86	159
Aug.	922	477	363	82	--	218	110	120	301
Sept.	632	176	295	161	43	166	148	67	199
Oct.	976	539	314	123	46	153	141	260	282
Nov.	784	286	446	52	34	271	175	4	253
Dec.	1,197	264	808	125	99	345	252	57	451
1963 - Jan.	695	350	243	102	25	135	114	125	238
Feb.	642	259	289	94	43	220	115	68	191
Mar.	1,363	499	774	91	60	592	97	43	412
Apr. p/	1,067	380	468	218	59	155	363	72	325
May e/	1,080	540	450	90	n.a.	250	100	30	370
June e/	1,320	455	800	65	n.a.	325	200	25	550

1/ Preliminary. e/ Estimated by Federal Reserve. 2/ 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.

Other Security Offerings
(In millions of dollars)

	Gross long-term 1/2					
	Foreign government 2/			Federal agency 3/		
	1963	1962	1961	1963	1962	1961
January	232	142	6	--	246	--
February	133	10	29	148	156	--
March	76	35	20	--	--	252
April	p/ 57	10	2	p/186	461	100
May	e/ 120	86	66	e/ --	--	149
June	e/ 10	50	29	e/ 460	--	278
July		25	5		--	--
August		8	2		150	250
September		31	--		175	193
October		151	43		--	--
November		88	34		--	225
December		101	--		--	--
Year		737	236		1,188	1,448
Jan.-June	e/ 628	333	152	e/ 794	863	779
	Net short-term 4/					
	State and local government 5/			Federal agency 3/		
January	75	18	160	-106	247	-144
February	78	466	195	-189	-156	-162
March	-367	-186	-8	-482	226	-174
April	589	127	-103	292	-364	-79
May	p/ -151	-84	-42	p/ 380	82	-87
June	n. a.	-112	-155	p/ 275	284	207
July		78	109		261	22
August		339	518		227	193
September		-406	-86		-157	108
October		71	-6		379	98
November		234	54		55	56
December		-161	-116		-80	-114
Year		378	520		1,004	-76
Jan.-June	n. a.	223	47	170	319	-439

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 United States by foreign governments and their political subdivisions and international organizations. Source: Securities and Exchange Commission.

3/ Issues not guaranteed by the U. S. Government. Source: long-term, Securities and Exchange Commission; short-term, Treasury Department and Federal Reserve.

4/ These data differ from those in Exhibit H and above in that they represent new offerings less retirements, whether from the proceeds of 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 Authority notes. In some instances PHA notes included may have a somewhat longer maturity than one year. Source: Bond Buyer and 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 government	Other <u>2/</u>
	Total	Bonds (Other than convertibles)	Convertible bonds	Stocks		
1962 - June	472	387	--	85	266	30
July	165	135	--	30	321	20
August	286	226	60	--	272	--
September	191	100	--	91	153	194
October	434	398	--	36	320	25
November	178	178	--	--	217	--
December	198	178	20	--	193	75
1963 - January	234	215	--	19	344	48
February	186	125	35	26	367	63
March	394	372	--	22	570	--
April	409	263	--	146	431	134
May	149	149	--	--	489	43
June	348	348	--	--	472	460

Large Individual Issues Offered July 1 through 5

Issuer	Type <u>3/</u>	Amount (millions of dollars)	Maturity	Coupon rate or net inter- est cost	Offering yield	Rating
<u>CORPORATE</u>						
Pacific Northwest Bell Tel. Co.	com. stk.	20.0				
<u>STATE AND LOCAL GOVT.</u>						
New York State Dormitory Auth.	Rev.-Rent	22.5	1965-95	3.38	2.00-3.50 ^{4/}	A
<u>OTHER</u>						
None						

Footnotes

*--Rights offering.

n.a.--Not available.

- 1/ Includes corporate and other security offerings of \$15 million and over; State and local government 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 obligations; Rev.-Ut., revenue obligations secured only by income from public utilities; Rev.-Q.Ut., revenue bonds secured only by revenue from quasi-utilities; Rev.-S.T., revenue bonds secured by revenue from specific taxes only; Rev.-Rent., revenue bonds secured solely by lease payments.
- 4/ 1/10 per cent bonds maturing 1993-95 reoffered to yield 4.40 per cent.

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

Expected Proceeds from Forthcoming Large Issues

Date of computation	During month following date shown			Subsequent to date shown		
	Corporate	State and local govt.	Other <u>2/</u>	Corporate	State and local govt.	Other <u>2/</u>
1962 - June 29	120	202	--	458	377	25
July 31	302	273	--	477	427	--
Aug. 31	170	61	175	312	215	175
Sept. 28	363	187	--	546	387	--
Oct. 31	203	96	--	328	243	--
Nov. 30	170	194	75	360	328	75
Dec. 28	269	177	25	314	311	25
1963 - Jan. 31	167	376	--	412	843	33
Feb. 28	142	458	--	572	755	--
Mar. 29	376	381	45	421	763	45
Apr. 30	149	447	40	234	599	40
May 31	223	255	460	288	582	460
June 28	170	142	75	215	287	75

Forthcoming Large Offerings, as of July 5

Issuer	Type	Amount (millions of dollars)	Approximate date of offering
<u>CORPORATE</u>			
Northern Natural Gas Co.	S.F. deb.	30.0	July 9
Illinois Bell Tel. Co.	Deb.	50.0	July 9
Hitachi, Ltd.	Com. stk.	20.0	July 10
Northern Ill. Gas Co.	1st mtg. bds.	20.0	July 24
Pacific Power & Light Co.	S.F. deb.	30.0	July 31
*Eaton Mfg. Co.	Deb.	25.0	July
Commerce Oil Refining Corp.	Deb., bds. & com.	45.0	Indefinite
<u>STATE AND LOCAL GOVERNMENT</u>			
Memphis, Tenn.	G.O.	10.0	July 9
Penna. Gen. State Auth.	Rev.-Rent.	50.0	July 9
Racine; Sturtevant etc. Unif. Sch. Dist. No. 1, Wisc.	G.O.	10.6	July 10
*Univ. System Bldg. Auth. of Ga.	Rev.-Rent.	20.0	July 16
State of Connecticut	G.O.	49.0	July 17
*Dallas, Texas	Rev.-Ut.	13.6	July 22
*New York City, N. Y.	G.O.	103.0	July 23
*State of California	G.O.	100.0	Aug. 7

Forthcoming Large Offerings, as of July 5 (Cont'd)

Issuer	Type	Amount (millions of dollars)	Approximate date of offering
<u>STATE AND LOCAL GOVERNMENT</u> (Cont'd)			
*Alexandria, La.	Rev.-Ut.	11.4	Aug. 20
Pittsburgh, Pa.	G.O.	35.0	Indefinite
Jefferson County, Colorado	G.O.	12.9	Indefinite
Dade County, Florida	G.O.	46.0	Indefinite
Jacksonville Expressway Auth., Fla.	Rev.-Ut.	40.0	Indefinite
Southern Ill. Univ.	Rev.-Rent.	10.5	Indefinite
<u>OTHER</u>			
Milan, Italy	Bonds	20.0	July 10
United Mexican States	Bonds	35.0	July 17
Nippon Tel. & Tel. Public Corp.	Bonds	20.0	July 24

*--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 for reasons other than sale of issue: None.

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 May 1 through July 5		
5/1	27.5	Government of Japan--5-1/2% bonds, due 1980--reoffered to yield 5.71%
5/22	15.0	Copenhagen, Denmark--5-3/8% bonds, due 1978--reoffered to yield 5.55%
6/12	10.0	Oslo, Norway--5-1/4% bonds, due 1978--reoffered to yield 5.47%

B. Prospective Offerings

7/10	20.0	Milan, Italy--bonds
7/10	20.0	Hitachi, Ltd.--common stock
7/17	35.0	United Mexican States--bonds
7/24	20.0	Nippon Tel. & Tel. Public Corp.--bonds

Part II: Private Placements--Reported May 1 through July 5 --

Date reported	Amount (millions of dollars)	Issuer and Description of Issue
5/1	50.0	Bell Telephone Company of Canada--4-7/8% first mortgage bonds, maturing 1988--no information available on takedown
5/2	10.0	Laurentide Financial Corp.--5% senior notes, maturing 1978--no information available on takedown
5/6	20.0	Province of Ontario--4% debentures, maturing 1966-69--no information available on takedown
5/14	16.3	Delta Acceptance Corp., Ltd.--notes, maturing 1975--no information available on takedown
6/4	18.0	Consolidated Gold Fields of South Africa, Ltd.--promissory notes, maturing 1971--no information available on takedown
6/13	15.0	Nippon Express Co.--6-1/2% convertible debentures, maturing 1978--no information available on takedown
6/20	13.5	Mitsubishi Electric Corp.--6-1/2% convertible debentures, maturing 1978--no information available on takedown.
6/25	12.5	Quebec Natural Gas Corp.--5-1/2% first mortgage bonds, maturing 1987--no information available on takedown.
6/28	10.0	Farbwerke Hoechst A.G.--5% promissory notes, maturing 1968--no information available on takedown.
6/28	5.0	Dai Nippon Printing Co. Ltd.--convertible debentures, maturing 1978--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 J. There is no simple relationship between the data shown in this Exhibit and that shown in Exhibits I and J because the latter includes privately placed securities in the period in which funds are actually takedown 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 takedowns. Full or partial takedowns may take place both prior and subsequent to the date a placement is reported. *--Included in table for first time.