

March 2, 1964.

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MAR 6 1964

FEDERAL RESERVE BANK  
OF CHICAGO

CAPITAL MARKET DEVELOPMENTS  
IN THE UNITED STATES

(Including Review of Capital Market Developments  
in February)

The volume of public security financing to obtain new capital was fairly substantial last week, but will be relatively light this week. Last week, ended February 28, two large corporate issues amounting to \$135 million and three large State and local government bond issues totaling \$59 million were sold. This week, ending March 6, no large corporate issues are scheduled for offering, but three large State and local issues with par value of \$76 million are on the calendar.

Bond yields. Changes in yields on seasoned, long-term bonds were mixed last week. Yields on Aaa-rated State and local government bonds rose two basis points to 3.09 per cent, and those on U. S. Government bonds increased a basis point to 4.15 per cent. Aaa-rated corporate bond yields, however, edged off a basis point to 4.35 per cent. Yields on lower-grade corporate and municipal bonds were stable.

Yields on new corporate bonds, adjusted to an Aaa basis, rose four basis points last week to 4.34 per cent, but were still 16 basis points below the early January high.

Short- and intermediate-term interest rates. Rates on most short- and intermediate-term obligations rose last week, reflecting largely reaction to the increase in the British bank rate announced on Thursday. Yields on 3-month and 6-month Treasury Bills rose three and four basis points to 3.56 and 3.72 per cent, respectively, the highest since the spring of 1960. Rates on 3-5 year Treasury obligations went up three basis points to 4.05 per cent. The major finance companies announced an increase from  $3\frac{3}{4}$  to  $3\frac{7}{8}$  per cent in the advertised rate of their directly-placed paper with 90-179 day maturity on Friday, as a result, the average rate on such paper rose three basis points to 3.78 per cent. The average effective Federal funds rate increased to 3.50 per cent. Other rates were unchanged.

FNMA secondary market operations. Sales by the Federal National Mortgage Association from its secondary market portfolio dropped in January to \$8.8 million. This was only a fifth of the volume a year earlier when a sharp expansion was under way.

Value of purchases, at \$11.1 million, continued low, but was somewhat in excess of sales. Offerings of mortgages for purchase by FNMA totaled \$15.6 million, also little changed from December.

Other sales in the secondary market from FNMA's two other portfolios (special assistance and management and liquidation) also remained low, in contrast with developments at this time last year.

Stock prices. Common stock prices, as measured by Standard and Poor's composite index of 500 stocks, advanced slightly on balance last week, closing at 77.80 on February 28. Trading volume averaged 5.3 million shares a day, 0.7 million shares more than the previous week.

Estimated March security volume. Corporate security financing to obtain new capital is expected to be fairly light in March, but State and local government bond sales will probably be moderately heavy.

New security financing of corporations will probably total \$750 million in March, somewhat more than a month earlier but one-third less than in March 1962, when takedowns of private placements were unusually large. Financing in this amount would bring the total for the quarter to \$2,200 million, 6 per cent less than during the comparable period last year.

Bond sales by State and local governments are expected to amount to \$850 million this month, one-eighth more than in February, but one-eighth less than a year earlier. Large issues with par value of \$454 million are currently scheduled for public offering. The expected March total would bring municipal financing for the first quarter to \$2,550 million, slightly more than in the same period last year, but slightly less than in the record 1961 first quarter.

Capital markets in February. Security financing to obtain new capital by corporations and State and local governments was in fairly light volume in February. Retail reception for many new issues was slow, and dealers inventories of unsold securities rose. Yields on seasoned municipal bonds changed little, however, and corporate bond yields declined.

Corporate security financing to obtain new capital totaled \$0.7 billion last month, somewhat less than in January, but one-seventh more than a year earlier. Large issues sold publicly amounted to \$263 million, consisting of \$200 million in nonconvertible bonds, a \$35 million convertible bond issue and \$28 million in common stock.

Yields on seasoned Aaa-rated corporate bonds declined two basis points during the month to 4.35 per cent, three basis points below the two-year high reached late in January. Yields on new corporate bonds, adjusted to an Aaa basis, declined until the last week of February when they rose; late in February they averaged 4.34 per cent, down seven basis points for the month and 16 basis points below the early January high. To a large extent this decline reflected the small volume of high-grade corporate bonds publicly

sold this year. Lower-grade bonds sold through negotiation during the month were quickly distributed, as usual, but the two large high-grade issues acquired by underwriters through competitive bidding met very sluggish retail reception at the lower level of yields. The syndicate price agreement on one of the latter issues was terminated late in the month, however, so dealers' unsold syndicate balances, which had been nonexistent at the start of the month, rose only moderately.

Bond sales by State and local governments to obtain new capital totaled \$750 million in February, one-fifth less than the very substantial January total but slightly more than a year early. In addition, about \$50 million in bonds were sold to refund outstanding securities. Although the largest offering of the month--a \$100 million State of California issue--was quickly distributed to investors, retail demand was only moderate for most new issues and dealers advertised inventories of unsold securities rose sharply. At month-end they total around \$630 million, \$120 million more than a month earlier and the highest level since late October. Yields on Aaa-rated municipal bonds rose only one basis point, however, to 3.09 per cent at month-end and were still nine basis points below the late November high.

Common stock prices rose slightly further during February in fairly active trading. Prices, as measured by Standard and Poor's composite index of 500 stocks, advanced one per cent on balance to close at 77.80 on February 28, only nominally below the all-time high of a few days earlier. Trading volume averaged 4.6 million shares a day, down 0.7 million shares from the previous month but 0.4 million shares more than in February 1962.

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

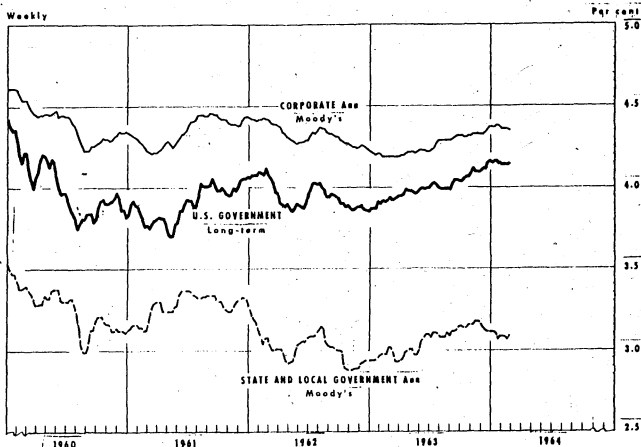


Exhibit A - Part II

Date	Corporate Aaa 1/	U. S. Govt. long-term 2/	State and local government Aaa 3/	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	.92
1961 - High	4.46(9/15)	4.07(12/29)	3.37(7/6)	.57	.76
Low	4.21(3/17)	3.70(5/12)	3.12(2/23)	.34	.46
1962 - High	4.43(2/16)	4.12(2/23)	3.26(1/4)	.47	1.04
Low	4.23(12/28)	3.85(12/28)	2.88(11/8)	.30	.80
1963 - High	4.37(12/27)	4.16(12/27)	3.18(11/21)	.35	1.05
Low	4.19(3/29)	3.87(1/18)	2.93(3/28)	.21	.88
1964 - High	4.38(1/24)	4.16(1/17)	3.11(1/9)	.23	1.08
Low	4.35(2/28)	4.14(2/21)	3.07(2/20)	.20	1.04
Jan. 31	4.37	4.15	3.08	.22	1.07
Feb. 7	4.36	4.14	3.08	.22	1.06
Feb. 14	4.36	4.14	3.08	.22	1.06
Feb. 21	4.36	4.14	3.07	.22	1.07
Feb. 28 p/	4.35	4.15	3.09	.20	1.06

1/ Preliminary.

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

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

4/ 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

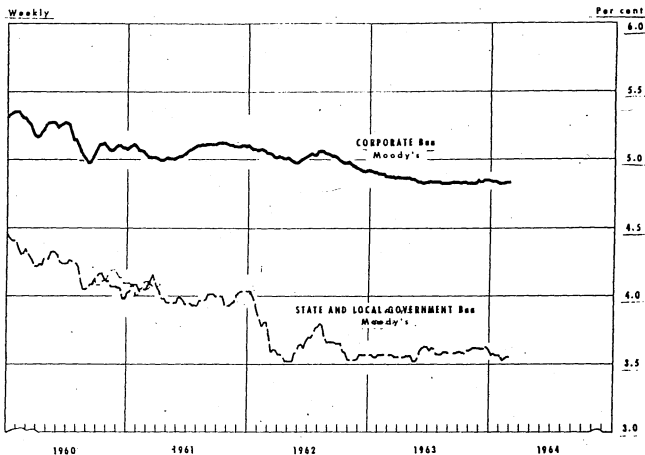


Exhibit B - Part II

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
1961 - High	5.13(10/27)	4.16(3/23)	.81	.93
Low	5.00(4/21)	3.93(11/9)	.66	.57
1962 - High	5.11(1/3)	4.04(1/11)	.74	.82
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(11/15)	3.52(5/23)	.48	.44
1964 - High	4.84(1/17)	3.57(1/10)	.48	.49
Low	4.82(2/7)	3.53(2/7)	.45	.45
Jan. 31	4.83	3.56	.46	.48
Feb. 7	4.82	3.53	.46	.45
Feb. 14	4.83	3.54	.47	.46
Feb. 21	4.83	3.55	.47	.48
Feb. 28 p/	4.83	3.55	.48	.46

Note: For footnotes see Exhibit A.

## SHORT- AND INTERMEDIATE-TERM INTEREST RATES, GOVERNMENT

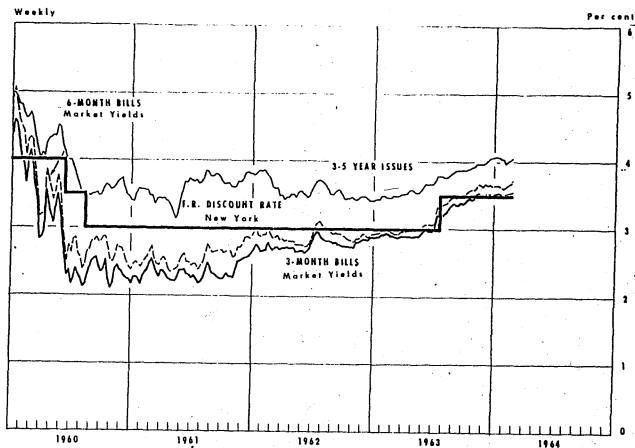


Exhibit C - Part II

Date	Discount rate 1/	Yields			Spread between yields on 3-month 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
1961 - High	3.00	2.66 (12/29)	2.90 (1/29)	3.86 (8/11)	.44	1.51
Low	3.00	2.17 (1/27)	2.35 (4/28)	3.15 (5/12)	.12	.92
1962 - High	3.00	2.97 (7/13)	3.13 (7/20)	3.88 (2/2)	.24	1.19
Low	3.00	2.65 (6/8)	2.74 (6/8)	3.41 (12/28)	.02	.52
1963 - High	3.50	3.55 (11/15)	3.68 (12/6)	4.07 (12/27)	.17	.70
Low	3.00	2.88 (3/15)	2.93 (3/8)	3.44 (1/18)	.04	.42
1964 - High	3.50	3.56 (2/28)	3.72 (2/28)	4.08 (1/10)	.16	.55
Low	3.50	3.50 (1/31)	3.61 (1/31)	3.99 (2/7)	.11	.48
Jan. 31	3.50	3.50	3.61	4.04	.11	.54
Feb. 7	3.50	3.51	3.63	3.99	.12	.48
Feb. 14	3.50	3.52	3.66	4.00	.14	.48
Feb. 21	3.50	3.53	3.68	4.02	.15	.49
Feb. 28 p/	3.50	3.56	3.72	4.05	.16	.49

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.

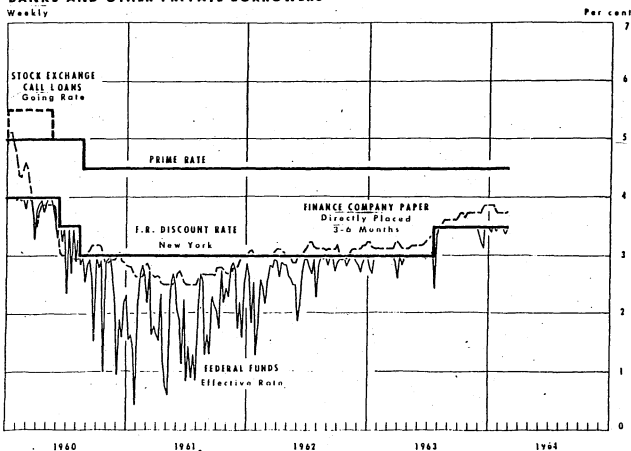
**SHORT- AND INTERMEDIATE- TERM INTEREST RATES,  
BANKS AND OTHER PRIVATE BORROWERS**


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)				
1959-60 High	5.50	5.00	5.13(1/22/60)	4.00 (5/13/60)	1.02
1961 - High	4.50	4.50	3.00(12/30)	2.90 (11/17)	.56
Low	4.50	4.50	2.50(8/5)	.43 (1/27)	.11
1962 - High	4.50	4.50	3.25(7/21)	3.00 (12/28)	.45
Low	4.50	4.50	2.88(6/1)	1.30 (1/26)	.19
1963 - High	4.50	4.50	3.88(12/27)	3.50 (12/27)	.39
Low	4.50	4.50	3.13(5/31)	2.45 (7/26)	.12
1964 - High	4.50	4.50	3.88(1/17)	3.50(2/28)	.34
Low	4.50	4.50	3.75(2/21)	3.40(2/21)	.22
Jan. 31	4.50	4.50	3.75	3.50	.25
Feb. 7	4.50	4.50	3.75	3.50	.24
Feb. 14	4.50	4.50	3.75	3.50	.23
Feb. 21	4.50	4.50	3.75	3.40	.22
Feb. 28 <u>p/</u>	4.50	4.50	3.78	3.50	.22

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.

Note: High and low 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

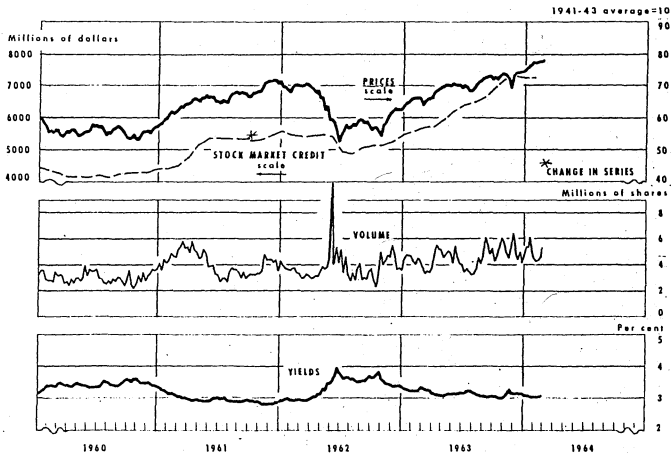


Exhibit E - Part II

Date	Stock price index <sup>1/</sup>	Common stock yields <sup>2/</sup> (per cent)	Trading volume <sup>3/</sup> (millions of shares)	Stock market customer credit		
				Total	Customers' debit balances <sup>4/</sup>	Bank loans to "others" <sup>5/</sup>
(In millions of dollars)						
1961-62 - High	72.04(12/8/61)	2.80	10.1	5,602(12/61)	4,259(12/61)	1,118(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)
1963 - High	74.44(12/27)	3.01	6.5	7,298(11/63)	5,586(11/63)	1,738(12/25)
1964 - High	77.80(2/28)	3.03	6.1	7,250(1)	5,524(1)	1,741(2/12)
Low	75.50(1/3)	3.09	4.3	n.a.	n.a.	1,720(1/22)
January	76.45	3.05	5.3	7,250	5,524	1,726
February	77.37	3.04	4.6	n.a.	n.a.	n.a.
Feb. 7	77.18	3.03	4.3	n.a.	n.a.	1,741
Feb. 14	77.48	3.03	4.4	n.a.	n.a.	1,741
Feb. 21	77.62	3.04	4.6	n.a.	n.a.	1,736
Feb. 28 p/	77.80	3.06	5.3	n.a.	n.a.	n.a.

n.a.—Not available. p/ Preliminary.

<sup>1/</sup> 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.

<sup>2/</sup> 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.

<sup>3/</sup> Averages of daily trading volume on the New York Stock Exchange.

<sup>4/</sup> 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.

<sup>5/</sup> 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.



FEDERAL NATIONAL MORTGAGE ASSOCIATION <sup>1/</sup>

## SECONDARY MARKET OPERATIONS

Monthly

Millions of dollars

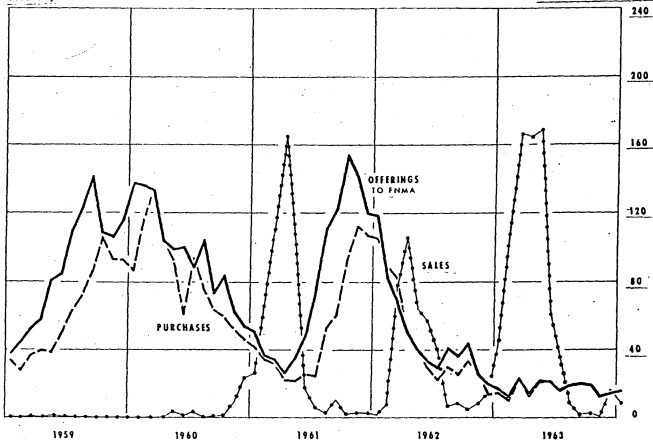


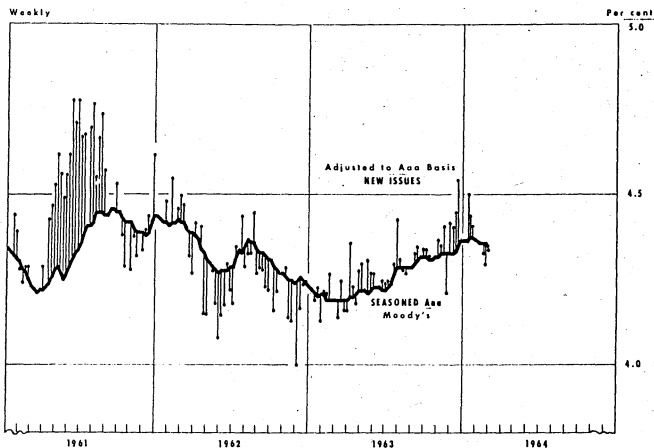
Exhibit F - Part II

Date	Estimated offerings to FNMA			Purchases by FNMA	Sales by FNMA
	Total	Immediate purchase	Standby commitment		
(In millions of dollars)					
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	21.9	21.8	.1	19.9	169.4
June	21.2	20.7	.5	20.7	61.3
July	15.8	15.7	.1	14.9	35.7
Aug.	18.8	18.3	.4	16.9	8.5
Sept.	20.1	19.8	.2	15.3	1.6
Oct.	18.5	18.4	.1	16.3	2.2
Nov.	12.0	11.8	.1	7.7	.6
Dec.	14.1	14.0	.1	10.9	15.8
1964 Jan.	15.6	15.5	.1	11.1	8.8

-less than \$50,000.

<sup>1/</sup> 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



## Exhibit G - Part II

## Yields on New Corporate Bond Issues Adjusted to an Aaa basis

Weekly averages:			Weekly averages:				
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)		
1963 - Oct. 4	2	33.5	4.32	Jan. 17	1	5.0	4.44
11	--	--	--	24	1	15.0	4.41
18	--	--	--	31	--	--	--
25	1	40.0	4.37	Feb. 7	--	--	--
Nov. 1	2	75.0	4.35	14	1	15.0	4.33
8	1	30.0	4.41	21	1	50.0	4.30
15	1	22.0	4.21*	28	1	60.0	4.34
22	4	115.0	4.42				
29	--	--	--				
Dec. 6	2	60.0	4.41				
13	2	95.0	4.45				
20	1	150.0	4.54*				
27	--	--	--				
1964 - Jan. 3	--	--	--				
10	1	130.0	4.50				

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.

## 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/		
	1964	1963	1962	1964	1963	1962
January	e/ 750	613	592	e/ 950	p/ 732	876
February	e/ 700	594	859	e/ 750	p/ 726	1,133
March	e/ 750	1,144	807	e/ 850	p/ 974	628
April		930	1,113		p/ 866	873
May		904	760		p/ 861	912
June		1,013	1,132		p/ 945	786
July		676	582		p/ 647	612
August		637	749		p/ 706	544
September		795	579		p/ 447	427
October		1,013	835		p/1,103	650
November		819	703		p/ 639	578
December		1,415	1,103		e/ 400	550
1st quarter	e/2,200	2,351	2,258	e/2,550	p/2,431	2,637
2nd quarter		2,847	3,005		p/2,672	2,571
3rd quarter		2,109	1,910		p/1,800	1,582
4th quarter		3,246	2,641		e/2,142	1,779
1st half		5,198	5,264		p/5,103	5,208
Three quarters		7,307	7,173		p/6,903	6,790
Year		10,553	9,814		e/9,045	8,568
	Excluding finance companies 3/					
1st quarter	e/1,900	2,284	2,199			
2nd quarter		2,529	2,919			
3rd quarter		1,768	1,775			
4th quarter		2,854	2,410			
Year		9,434	9,303			

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 is- suers
		Publicly offered	Privately offered						
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	893
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	3,634	1,389	1,820	424	434	591	794	221	1,241
III	2,436	898	1,251	287	109	806	285	150	868
IV	3,466	1,319	1,780	367	47	968	530	118	1,629
1962 - 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	88	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.	1,049	380	452	217	56	148	341	71	369
May	1,340	550	694	95	182	216	222	92	373
June	1,246	459	675	113	196	227	230	58	499
July	810	279	431	100	46	297	107	86	187
Aug.	756	336	318	100	21	272	100	25	240
Sept.	871	283	501	87	42	237	78	39	441
Oct.	1,116	511	481	125	10	240	201	41	531
Nov.	891	183	549	159	10	214	131	13	461
Dec.	1,459	626	751	83	27	515	198	64	637
1964 - Jan. e/	780	340	350	90	n.a.	170	100	130	350
Feb.									
Mar.									

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/		
	1964	1963	1962	1964	1963	1962
January	e/ --	232	142	e/ --	--	246
February		133	10		148	156
March		76	35		--	--
April		57	10		186	461
May		114	86		--	--
June		11	50		459	--
July		63	25		--	--
August		83	8		--	150
September		--	31		--	175
October		--	151		174	--
November		--	88		200	--
December		2	101		--	--
Year		771	737		1,167	1,188
	Net short-term 4/					
	State and local government 5/			Federal agency 3/		
	1964	1963	1962	1964	1963	1962
January	n.a.	75	18	p/ -320	-106	247
February		272	466		-189	-156
March		-367	-186		-482	126
April		589	127		292	-364
May		-30	-84		195	82
June		-10	-118		319	284
July		62	78		414	261
August		208	339		327	227
September		-173	-406		258	-157
October		259	71		123	379
November		146	234		-102	55
December		p/ -346	-161		551	-80
Year		p/ 685	378		1,600	1,004

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)

Month	Corporate				State and local government	Other <u>2/</u>
	Total	Bonds (Other than convertibles)	Convertible bonds	Stocks		
1963 - February	186	125	35	26	367	63
March	394	372	--	22	570	--
April	409	263	--	146	431	134
May	149	149	--	--	389	43
June	348	348	--	--	372	460
July	199	180	--	19	279	60
August	236	218	--	18	329	20
September	237	215	--	22	135	--
October	446	380	--	66	734	174
November	180	117	--	63	373	200
December	547	515	--	32	111	--
1964 - January	307	225	60	22	577	--
February	263	200	35	28	358	--

## Large Individual Issues Offered During February

Issuer	Type	Amount (millions of dollars)	Maturity	Coupon rate or net interest cost	Offering yield	Rating
<u>Corporate</u>						
Control Data Corp.	Conv. sub. deb.	35.0	1989	3-3/4	3.63	Ba
Dallas Pwr. & Lt. Co.	S. F. deb.	15.0	1989	4-1/2	4.36	Aa
Northern Natural Gas Co.	Deb.	50.0	1984	4-1/2	4.44	A
Southern Co.	Com. stk.	27.5				
Western Union Telegraph Co	S. F. deb.	75.0	1992	5	4.97	Baa
Southern Calif Edison Co.	lst & ref. mtg. bds.	60.0	1989	4-5/8	4.39	Aa
<u>State and Local Government</u>						
State of Delaware	G.O.	24.8	1965-84	2.88	2.00-3.00	Aa
Milwaukee, Wis.	G.O.	15.6	1965-79	2.77	2.00-2.85	Aaa
Chesterfield Co., Va.	G.O.	11.0	1965-91	3.09	2.00	4/A
State of Oregon	G.O.	30.0	1971-79	2.95	2.6'	5 Aa
Milwaukee Co., Wisc.	G.O.	12.1	1965-84	2.88	2.00-3.00	Aaa
Penna. Gen. State. Auth.	Rev.-Rent.	50.0	1967-91	3.24	2.30-3.40	--
State of Calif.	G.O.	100.0	1973-2013	3.52	2.85-3.63	5/Aa
St. Louis, Mo.	G.O.	13.9	1965-84	2.97	2.00-3.05	Aa
Texas Wtr. Div. Bd.	G.O.	15.0	1966-95	3.08	2.10-3.20	Aaa
Buffalo, N. Y.	G.O.	14.3	1965-79	2.76	2.00-2.90	Aa

## Large Individual Issues Offered During February (cont'd)

Issuer	Type	Amount (millions of dollars)	Maturity	Coupon rate or net interest cost	Offer- ing yield	Rating
<u>STATE AND LOCAL GOVERNMENT</u>						
(continued)						
Fort Worth, Texas	G.O.	12.2	1965-89	3.12	2.10-3.00 <sup>6/</sup>	A
Prince Georges Co., Md.	G.O.	18.9	1965-89	3.14	2.05-3.25 <sup>7/</sup>	A
Port of New York	Rev.-Q.Ut.	30.0	1965-84	3.16	2.00-3.25	--
State of Alabama	Rev.-Q.Ut.	10.0	1965-84	3.15	2.10-3.20	A
<u>Other</u>						
None						

\*--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 due 1990-91 not publicly reoffered.

5/ 0.1 per cent bonds due 2013 reoffered to yield 4.50 per cent.

6/ 1980-89 maturities not reoffered.

7/ Bonds due 1988-89 reoffered to yield 4.25 per cent.

## Exhibit L

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

## Expected Proceeds from Forthcoming Large Issues

	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>
1963 - 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
July 31	221	329	20	267	512	20
Aug. 31	158	210	--	183	468	--
Sept. 30	240	561	--	240	757	--
Oct. 31	145	255	--	145	401	--
Nov. 29	392	137	--	1,992	349	--
Dec. 31	305	469	--	1,905	731	--
1964 - Jan. 31	155	316	--	1,771	667	--
Feb. 28	224	454	--	1,649	646	--

## Forthcoming Large Offerings, as of February 28

Issuer	Type	Amount (millions of dollars)	Approximate date of offering
<u>Corporate</u>			
Southwestern P.S. Co.	1st mtg. bds.	15.6	March 9
Anheuser Busch Inc.	Deb.	40.0	March 10
Potomac Edison Co.	1st mtg. bds.	16.0	March 11
Texas Utilities Co.	Com. stk.	17.0	March 24
Beneficial Finance Co.	Deb.	50.0	March
*Florida Pwr & Lt. Co.	1st mtg. bds.	35.0	March
*Pennsylvania Railroad Co.	Bonds	50.0	March
American Tel. & Tel. Corp.	Com. stk.	1,225.0	April 6 (rts. ex.)
Communications Satellite Co.	Com. stk.	200.0	April
<u>State and Local Government</u>			
Louisiana State Bond and Building Com.	Rev.-S.T.	15.0	March 3
Minneapolis, Minn.	G.O.	10.7	March 5
State of Kentucky	G.O.	50.0	March 3



L-2

## Forthcoming Large Offerings, as of February 28 (Cont'd)

Issuer	Type	Amount (millions of dollars)	Approximate date of offering
<u>State and Local Government</u> (cont'd)			
*State of Connecticut	G.O.	50.0	March 10
Jacksonville Expressway Auth., Fla.	Rev.-Q.Ut.	73.2	March 12
City of Tacoma, Wash.	Rev.-Ut.	50.0	March 17
Sabine River Auth., New Orleans, La.	G.O.	15.0	March 24
Sabine River Auth. of Texas, Orange, Tex.	G.O.	15.0	March 24
Rochester, New York	G.O.	12.6	March 24
El Paso Ind. Sch. Dist., Tex.	G.O.	10.0	March 24
Los Angeles Dept. of Wtr. & Pwr., Cal.	Rev.-Ut.	22.0	March 25
Delaware River & Bay Auth.	Rev.-Q.Ut.	105.0	March
Illinois Bldg., Auth.	Rev.-Ut.	25.0	March
Florida Dev. Comm.	Rev.-Q.Ut.	17.0	April 1
*Metropolitan Seattle, Wash.	Rev.-Ut.	15.0	April 2
Detroit, Mich.	G.O.	18.3	April 7
Univ. of California	Rev.-Rent.	19.6	April 15
*Washington Sub. San. Dist., Md.	G.O.	16.0	April 30
Pittsburgh, Pa.	G.O.	35.0	Indefinite
Dade County, Florida	G.O.	46.0	Indefinite
Fort Worth, Texas	G.O.	14.1	Indefinite
Houston, Texas	G.O.	11.1	Indefinite
<u>Other</u>			
None			

\*--Included in Table for first time.

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

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

Note.--Deletions for reasons other than sale of issue: None.

## 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 December 1 through February 28
12/24	3.0	Province of Sante Fe, Republic of Argentina - 7% Treasury bonds, maturing 1969, offered to yield 9.45%
2/6	8.0	Tubos de Acero de Mexico, S.A. - 7% convertible debenture, maturing 1970, offered to yield 7.00%

## B. Prospective Offerings

None

## Part II: Private Placement--Reported December 1 through February 28

Date reported	Amount (millions of dollars)	Issuer and Description of Issue
1/7	14.0	Laurentide Financial Corp., Ltd.--5-1/4% collateral trust notes, maturing 1989--no information available on takedown
2/3	28.0	Manitoba Hydro-Electric Board--4-1/4% debentures, maturing 1986--no information available on takedown
2/3	5.0	Scottish United Investors, Ltd.--5% notes, maturing 1969-79--no information available on takedown
2/10	8.0	British American Construction Co.--promissory notes, maturing 1979--no information available on takedown
2/10	4.0	British Assets Trust Ltd. (Scotland)--5% notes, maturing 1981--takedown in February

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.