

H.14

December 7, 1964.

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FEDERAL RESERVE BANK
OF ST. LOUIS
CAPITAL MARKET DEVELOPMENTS
IN THE UNITED STATES
(Including Review of Capital Markets in November)

Corporate and municipal bond markets: Corporations are expected to offer \$100 million in new securities this week, less than last week's offerings though still well above those in other recent weeks. In contrast, the \$344 million volume of State and local government bonds on the calendar for this week is about twice as large as both last week's supply and the weekly average over the past year. The largest municipal offering scheduled for this week is a \$104 million package of Public Housing Authority bonds.

Long-Term Public Security Offerings ^{1/}

	Corporate		State and local govt.	
	New Capital	Refunding	New Capital	Refunding
Sold:				
52 week avg.	118	1	176	8
Nov. 20	21	--	222	32
Nov. 27	5 ^{1/2}	--	97	--
Dec. 4	160	--	162	--
Scheduled:				
Dec. 11	100	--	344	--

^{1/} Federal Reserve estimates based on published reports of issues sold and scheduled for offering; corporate rights offerings are included as of the date subscription rights expire.

Despite the uncertainty present in the bond markets since the discount rate increases, underwriters bid aggressively for last week's long-awaited investment-grade corporate bonds. Consequently, the average yield on these three large issues was only one basis point above that for late October when the last eligible issues were offered. The rescinding of a prime rate increase by a large Eastern bank triggered a guide sellout for these issues.

In the municipal market last week, dealers' advertised inventories of unsold securities were reduced by about \$30 million with last week's moderate volume of new issues reported as half sold. Yield increases on seasoned bonds recorded by most yield series for the previous week were largely erased, with Moody's Aaa series going back to its low for the year.

Yields in Securities Markets

	<u>Level latest week</u> (per cent)	<u>Change from</u> <u>preceding week</u> (basis points)
<u>High-Grade</u>		
<u>Notes and Bonds</u>		
<u>Corporate</u>		
New	4.47	n. a.
Seasoned	4.45	+ 1
<u>U.S. Govt.</u>		
Long-term	4.15	--
3-5 year	4.11	--
State and local govt.	3.05	- 4
<u>Money Market</u>		
Federal Funds	3.90	+59
Treasury bills		
3-month	3.82	+ 4
6-month	3.97	+ 1
Finance Company Paper	3.94	+ 3

Stock prices. Common stock prices declined sharply early last week but recovered part of these losses later in the week. Closing at 84.35 on December 4, prices as measured by Standard and Poor's composite index of 500 stocks, were one per cent lower than a week earlier. Trading volume averaged 4.7 million shares a day, the same as in the previous week.

Capital markets in November. Corporate security financing to obtain new capital is estimated to have amounted to \$650 million in November, one-fifth less than a year earlier. Practically all of this financing consisted of private placements and public offerings were composed of small issues.

With no overhang of unsold issues in dealers' hands and a light calendar of public offerings in prospect for the rest of the year. The first three weeks of the month were marked by falling yields and active trading in recently distributed issues. The rally ended abruptly on November 23, when the sterling crisis forced an increase in the British Bank rate to 7 per cent and this was followed by an increase in the discount rate to 4 per cent.

Bond sales for new capital by State and local governments during November totaled \$550 million, one-fourth less than in the comparable 1963 month. Underwriters were able to distribute most new issues at retail with little difficulty, and dealers' advertised inventories of unsold securities (about \$600 million) at month-end were at about the same level as a month earlier. Because of the favorable demand situation through the first three weeks in November, most municipal yield series had fallen 7-14 basis points from their October peaks, and the response to the discount rate hikes offset approximately only one-half of these earlier declines.

Common stock prices had reached a new high prior to the sterling crisis and thereafter dropped about two per cent from this high during the last five trading days of the month. Prices, as measured by Standard and Poor's composite index of 500 stocks, closed on November 30, at 84.42, about one-half of a per cent below the end of October level. Trading volume averaged 4.9 million shares a day during the month, 0.3 million shares a day less than a year earlier.

Estimated security financing in December. Security financing by corporations is expected to rise seasonally in December, but an anticipated month-to-month gain in State and local government bond financing is contra-seasonal. (See Exhibit H.)

Corporate security financing to obtain new capital in December is expected to total \$1,150 million, up \$400 million from the low November total but about one-fifth less than the record for this month set last year. About three-fourths of volume will consist of the usual large takedown of private placements at the year-end. Large issues scheduled for public offering amount to \$230 million.

State and local government bond sales are estimated at \$700 million in December, a record for the month and almost seven-tenths larger than a year earlier. Large issues currently on the calendar for offering during the month amount to \$418 million.

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

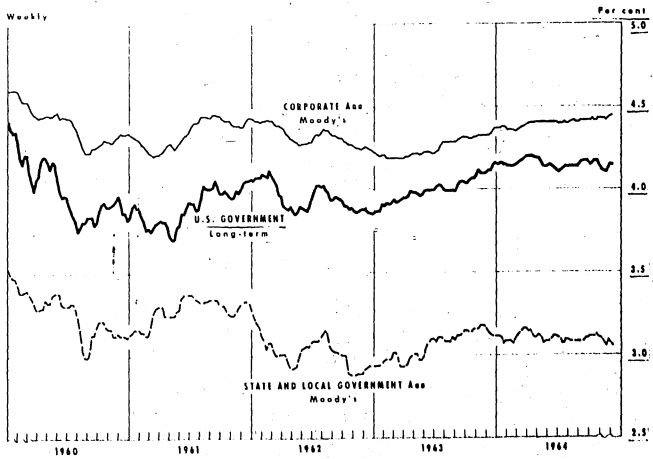


Exhibit A - Part II

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	4.45(12/4)	4.20(4/17)	3.16(3/26)	.32	1.10
Low	4.35(2/28)	4.11(11/20)	3.05(12/3)	.19	1.01
Nov. 6	4.43	4.12	3.10	.31	1.02
Nov. 13	4.43	4.11	3.07	.32	1.04
Nov. 20	4.42	4.11	3.05	.31	1.06
Nov. 27	4.44	4.15	3.09	.29	1.06
Dec. 4 p/	4.45	4.15	3.05	.30	1.10

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

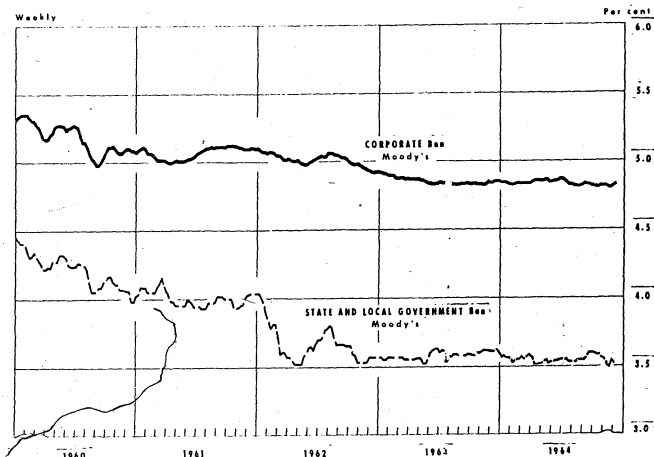


Exhibit B - Part II

Date	Corporate Baa 1/	State and local govt. Baa 3/	Spread between Aas 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(1/5)	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	4.87(6/26)	3.59(10/8)	.48	.49
Low	4.80(11/20)	3.49(11/19)	.37	.36
Nov. 6	4.81	3.55	.38	.45
Nov. 13	4.80	3.50	.37	.43
Nov. 20	4.80	3.49	.38	.44
Nov. 27	4.81	3.54	.37	.45
Dec. 4 p/	4.83	3.52	.38	.47

Note: For footnotes see Exhibit A.

EXHIBIT C, Part I
 SHORT- AND INTERMEDIATE-TERM INTEREST RATES, GOVERNMENT

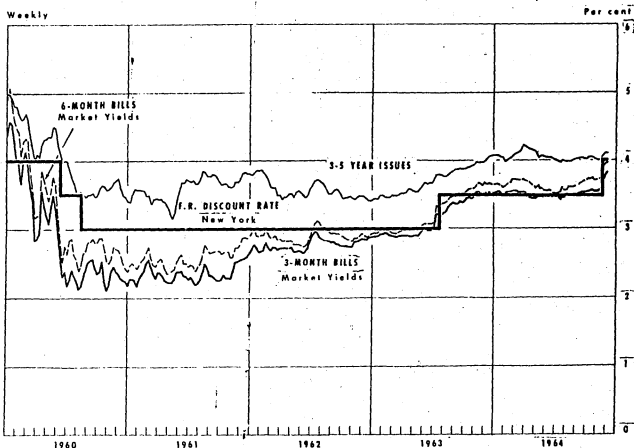


Exhibit C - Part II

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	4.00	3.82 (12/4)	3.97 (12/4)	4.23 (3/27)	.21	.71
Low	3.50	3.43 (7/17)	3.52 (7/3)	3.98 (8/7)	.04	.29
Nov. 6	3.50	3.56	3.72	4.02	.16	.46
Nov. 13	3.50	3.58	3.74	4.00	.16	.42
Nov. 20	3.50	3.61	3.78	4.02	.17	.41
Nov. 27	4.00	3.78	3.96	4.11	.18	.33
Dec. 4 p/	4.00	3.82	3.97	4.11	.15	.29

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

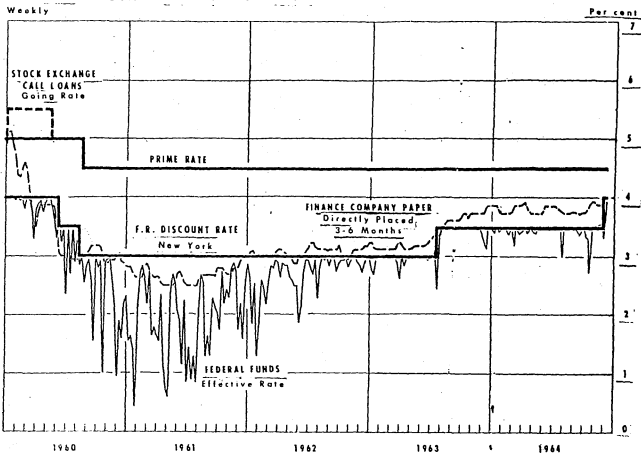
**SHORT- AND INTERMEDIATE- TERM INTEREST RATES,
BANKS AND OTHER PRIVATE BORROWERS**


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	3.94(12/2)	3.90(12/4)	.41
	Low	4.50	4.50	3.72(9/11)	3.07(10/16)	.10
Nov. 6		4.50	4.50	3.88	3.50	.32
Nov. 13		4.50	4.50	3.88	3.55	.30
Nov. 20		4.50	4.50	3.88	3.55	.27
Nov. 27		4.50	4.50	<u>3.91</u>	3.31	<u>.13</u>
Dec. 4 <u>1/</u>		4.50	4.50	3.94	3.90	.12

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: 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

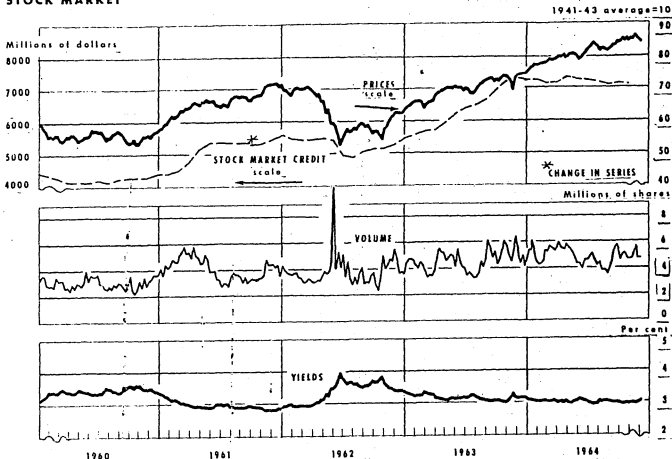


Exhibit E - Part II

Date	Stock price index ^{1/}	Common stock yields ^{2/} (per cent)	Trading volume ^{3/} (millions of shares)	Stock market customer credit		
				Total	Customers' debit balances ^{4/}	Bank loans to "others" ^{5/}
(In millions of dollars)						
1961-62 - High	72.04(12/8/61)	2.80	10.1	5,602(12/61)	4,259(12/61)	1,418(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)
1963 - High	74.44(12/27)	3.01	6.5	7,298(11/63)	5,586(11/63)	1,738(12/25)
1964 - High	86.28(11/20)	2.95	6.1	7,314(4)	5,524(1)	1,950(11/18)
Low	75.50(1/3)	3.10	3.6	7,096(8)	5,185(11)	1,720(1/22)
Oct.	84.85	2.95	4.8	7,101	5,185	1,916
Nov.	85.44	2.96	4.9	n.a.	n.a.	1,948
Nov. 20	86.28	2.95	5.6	n.a.	n.a.	1,950
Nov. 27	85.16	2.99	4.7	n.a.	n.a.	1,948
Dec. 4 p/	84.35	3.03	4.7	n.a.	n.a.	n.a.

n.s.—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. High and low 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. Weekly reporting banks account for about 70 per cent of loans to others. For further detail see Bulletin.

MORTGAGE AND BOND YIELDS

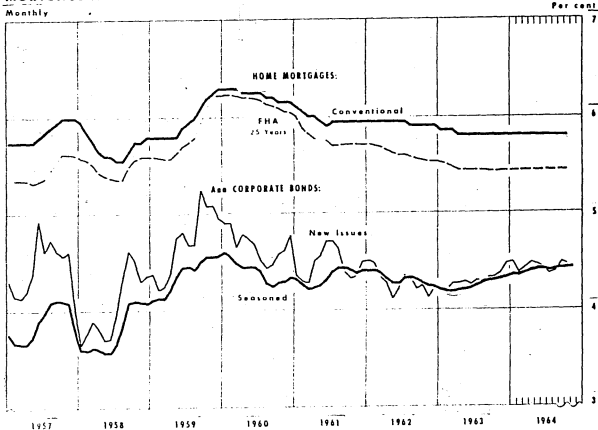


Exhibit F Part II

Date	FHA mortgages		Conventional mortgages	Spread between yields on conv. & 25-year FHA mortgages	Aaa Corporate Bonds		Spread between yields on new corporate bonds and FHA mtgs. bonds	
	25-year	30-year			New ^{4/}	Seasoned ^{5/}	25-year FHA mtgs.	Seasoned bonds
1956 - Low	4.68	--	5.20	.47	3.08	3.08	.76	--
1957 - High	5.63	--	6.00	.47	4.94	4.12	1.58	1.03
1958 - Low	5.35	--	5.55	.15	3.65	3.57	.88	.05
1959-60- High	6.24	--	6.30	.23	5.25	4.61	1.69	.73
1961-64- High	5.72	5.70	5.95	.38	4.72	4.45	1.50	.39
Low	5.43	5.45	5.80	.23	4.12	4.22	.94	-.16
July	5.44	5.46	5.80	.36	4.37	4.40	1.07	-.03
August	5.44	5.46	5.80	.36	4.39	4.41	1.05	-.02
September	5.44	5.46	5.80	.36	4.49	4.42	.95	.07
October	5.44	5.45	5.80	.36	4.46	4.42	.98	.04
November	n.a.	n.a.	n.a.	n.a.	n.a.	4.43	n.a.	--

- 1/ Neither mortgage nor bond yields take into account servicing costs which are much higher for mortgages than bonds. Generally, bonds pay interest semi-annually; mortgages, monthly. Mortgage yields, if computed as equivalent to a semi-annual interest investment, would be slightly higher than given in the table.
- 2/ Based on FHA-field-office opinions about average bid prices in the private secondary market for new-home mortgages for immediate delivery. Separate data available for 25-year and—beginning July 1961—30-year mortgages with minimum downpayments, weighted by probable volume of transactions. Yields computed by FHA, assuming prepayment period of 12 years for 25-year mortgages and 15 years for 30-year mortgages. Over the period for which they can be compared, the movement of the two mortgage yield series has been similar. Dashed lines indicate periods of adjustment to changes in contractual interest rates.
- 3/ Based on FHA field office opinion on typical interest rates (rounded) on conventional first mortgages prevailing in the market areas of insuring office cities. Beginning with April 1960, rate relates only to new-home mortgages; prior to that date, rate related to both new as well as existing-home mortgages. Dashed line indicates this change in the series.
- 4/ See notes for Exhibit G.
- 5/ Moody's Investor Service. Monthly averages of daily data. See Exhibit A.

YIELDS ON NEW AND SEASONED CORPORATE BONDS

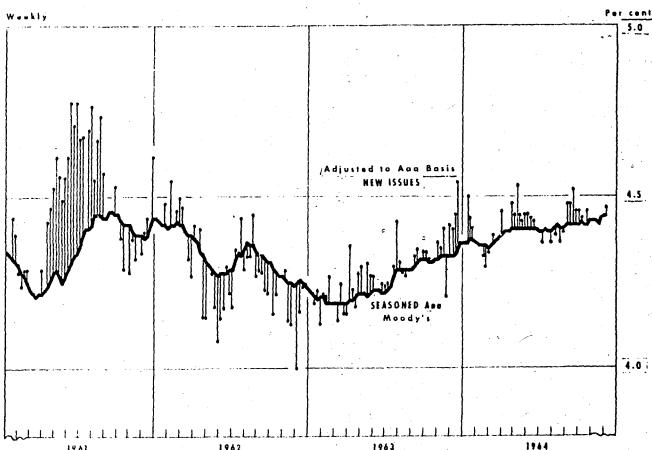


Exhibit G - Part II

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)
Monthly averages:				Sept. 4	1	40.0	4.48*
1964 - Jan.	3	150.0	4.50	11	1	40.0	4.48
Feb.	3	125.0	4.38	18	1	60.0	4.52
Mar.	6	166.0	4.43	25	3	69.0	4.46
Apr.	1	130.0	4.48	Oct. 2	2	70.0	4.46
May	10	278.0	4.46	9	1	12.0	4.44
June	8	230.0	4.43	16	--	--	--
July	3	60.0	4.37	23	1	18.0	4.46
Aug.	4	75.0	4.39	30	--	--	--
Sept.	7	239.0	4.49	Nov. 6	--	--	--
Oct.	3	70.0	4.46	13	--	--	--
Weekly averages:				20	--	--	--
1964 - High			4.53(5/8)	27	--	--	--
Low			4.30(2/21)	Dec. 4	3	140.0	4.47

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 pipelines 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			State and Local 2/		
	1964	1963	1962	1964	1963	1962
January	930	613	549	p/ 946	732	876
February	685	594	860	p/ 771	746	1,133
March	754	1,144	819	p/ 809	976	628
April	2,178	930	1,153	p/1,215	869	873
May	1,069	904	771	p/ 666	866	912
June	1,378	1,013	1,132	p/ 902	930	786
July	780	676	573	p/ 904	680	612
August	661	637	773	p/ 756	708	544
September	1,035	795	557	e/ 900	449	427
October	e/ 800	1,013	819	e/ 850	1,051	650
November	e/ 650	819	678	e/ 550	729	578
December	e/ 1,150	1,415	1,064	e/ 700	416	550
1st quarter	2,369	2,351	2,228	p/2,527	2,454	2,637
2nd quarter	4,625	2,847	3,056	p/2,782	2,665	2,571
3rd quarter	2,476	2,109	1,902	e/2,560	1,837	1,528
4th quarter	e/ 2,600	3,246	2,561	e/2,100	2,197	1,779
1st half	6,994	5,198	5,284	p/5,309	5,118	5,208
Three quarters	9,470	7,307	7,186	e/7,869	6,955	6,790
Year	e/ 2,070	10,553	9,747	e/9,983	9,151	8,568
	Excluding finance companies 3/					
1st quarter	1,996	2,284	2,169			
2nd quarter	4,170	2,529	2,970			
3rd quarter	p/ 2,226	1,768	1,767			
4th quarter	e/ 2,350	2,854	2,330			
Year	e/10,742	9,434	9,236			

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

H.14

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 Offered						
1962 - I	2,345	1,114	724	508	70	649	429	456	694
II	3,317	1,386	1,289	642	251	996	984	228	848
III	2,167	852	1,006	308	55	566	376	274	685
IV	2,875	1,088	1,510	277	135	747	552	317	945
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	896	285	150	868
IV	3,466	1,319	1,780	367	47	968	530	118	1,629
1964 - I	2,499	978	1,221	300	29	418	438	273	1,240
II	4,851	1,321	1,640	1,890	105	723	856	1,663	1,383
III	2,728	792	1,442	494	85	547	642	59	1,229
IV									
1963 - 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	187
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.	985	338	526	121	5	149	109	157	515
Feb.	710	279	342	88	16	123	155	83	324
Mar.	805	361	353	91	8	146	174	34	400
Apr.	2,234	383	480	1,372	34	186	151	1,377	463
May	1,155	470	537	148	96	206	441	27	395
June	1,461	468	623	370	35	332	264	258	525
July	869	234	411	225	21	149	207	23	401
Aug.	728	183	433	112	21	164	138	16	342
Sept.	1,130	375	598	156	44	234	296	19	486
Oct.e/	895	175	550	170	n.a.	200	220	30	350
Nov.									
Dec.									

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 & other transportation, real estate & finance, & commercial & other.

Source: Securities & Exchange Commission.

Other Security Offerings
(In millions of dollars)

	Gross long-term ^{1/}					
	Foreign government ^{2/}			Federal agency ^{3/}		
	1964	1963	1962	1964	1963	1962
January	4	232	142	--	--	246
February	82	133	10	--	148	156
March	69	76	35	--	--	--
April	30	57	10	--	186	461
May	75	114	86	--	--	--
June	26	11	50	275	459	--
July	20	63	25	260	--	--
August	13	83	8	160	--	150
September	7	--	31	--	--	175
October	e/ 160	--	151	e/ 509	174	--
November		--	88		200	--
December		2	101		--	--
Jan. - Oct.	e/ 486	769	548	e/1,204	967	1,188
Year		771	737		1,167	1,188
	New short-term ^{4/}					
	State and local government ^{5/}			Federal agency ^{3/}		
	1964	1963	1962	1964	1963	1962
January	103	75	18	-78	-106	247
February	236	272	466	-336	-189	-156
March	-407	-367	-186	23	-482	226
April	442	589	127	97	292	-364
May	81	-30	-84	183	195	82
June	-80	-10	-118	239	319	284
July	-9	62	78	-333	414	261
August	130	208	339	167	327	227
September	159	-173	-406	1	258	-157
October	n.a.	259	71	525	123	379
November		146	234		-102	55
December		-339	-161		551	-80
Jan. - Oct.	n.a.	885	305	488	1,151	1,029
Year		692	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 U.S. by foreign governments and their political subdivisions and international organizations. Source: Securities & Exchange Commission. ^{3/} Issues not guaranteed by the U.S. Government. Source: Long-term, Securities & Exchange Commission; short-term, Treasury Dept. & 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 or refunding issues or from other funds. Data include only issues with original maturing 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 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		
1963 - Nov.	180	117	--	63	373	200
Dec.	547	515	--	32	111	--
1964 - Jan.	307	225	60	22	577	--
Feb.	263	200	35	28	358	--
Mar.	335	296	--	38	282	50
Apr.	1,557	235	51	1,271	698	20
May	452	415	--	37	274	15
June	650	390	--	260	384	275
July	291	178	--	113	544	260
Aug.	142	125	17	--	459	104
Sept.	376	269	25	81	558	15
Oct.	187	108	--	79	419	502
Nov.	--	--	--	--	226	15

Large Individual Issues Offered December 1 through 4

Issuer	Type 3/	Amount (millions of dollars)	Maturity	Coupon rate or net interest cost	Offering yield	Rating
Corporate						
Pacific Gas & Elec. Co.	1st & ref. mtg. bds.	65.0	1966	4-1/2	4.50	Aa
Stauffer Chemical Co.	Deb.	35.0	1989	4-1/2	4.48	A
Niagara Mohawk Pwr. Corp.	Gen. mtg. bds.	40.0	1994	4-5/8	4.49	Aa
State and Local Government						
Boston, Mass.	G.O.	13.1	1965-94	3.20	2.40-3.35 ^{4/}	A
New York State Dorm Auth.	Rev.-Rent.	11.5	1966-95	3.59	2.60-3.67 ^{5/}	A
Houston, Texas	G.O.	27.0	1966-85	3.13	2.30-3.20	A
Other						
None.						

*--Rights offering. n.a.--Not available.

1/ Includes corporate and other security offerings of \$15 million and over; State & 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 & local govt. securities, G.O. denotes general obligations; Rev.-Ut. revenue obligation secured only by income from public utilities; Rev.-Q.-Ut., revenue bond 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 least payments.

4/ 1/4 per cent bonds maturing 1994 reoffered to yield 4.00 per cent.

5/ 1/10 per cent bonds maturing 1995. reoffered to yield 4.40 per cent.

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/
1963 - 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	--
Mar. 31	1,587	669	25	1,837	953	25
Apr. 30	651	345	15	844	575	15
May 28	600	341	--	668	598	--
June 30	292	539	--	307	716	--
July 31	92	120	--	167	588	--
Aug. 31	402	511	15	42	680	15
Sept. 30	186	500	--	186	--	--
Oct. 30	--	254	--	--	549	--
Nov. 30	90	360	25	130	563	25

Forthcoming Large Offerings as of December 4

Issuer	Type	Amount (millions of dollars)	Approximate date of offering
Corporate			
Granite City Steel Co.	Conv. sub. deb.	30.0	Dec. 8
Tennessee Gas Trans. Co.	Deb.	40.0	Dec. 10
Bank of California	Cap. notes	20.0	Dec. 16
*Conn. Yankee Atomic Pwr. Co.	1st mtg. bds.	40.0	Jan. 27
State and Local Government			
Chicago Road Dist., Ill.	G.O.	12.5	Dec. 7
State of Oregon	G.O.	30.0	Dec. 8
Nashville & Davidson Co. Met Govt., Tenn.	G.O.	13.8	Dec. 8

Forthcoming Large Offerings as of December 4 (Cont'd)

Issuer	Type	Amount (millions of dollars)	Approximate date of offering
<u>State & Local Government (Cont'd)</u>			
Florida State Bd. of Education	Rev.-Rent.	25.0	Dec. 8
Los Angeles Unif. Sch. Dist., Calif.	Rev.-Rent.	25.0	Dec. 8
Public Housing Auth.	--	104.0	Dec. 9
State of California	G.O.	150.0	Dec. 15
Mass. Port. Auth.	Rev.-Q.-Up.	43.0	Indefinite
Pittsburgh, Pa.	G.O.	35.0	Indefinite
Dade County, Fla.	G.O.	46.0	Indefinite
Va. State Highway Auth.	Rev.-Q.-Ut.	31.0	Indefinite
Forth Worth, Texas	G.O.	14.1	Indefinite
Florida Dev. Comm.	Rev.-S.T.	33.8	Indefinite
<u>Other</u>			
*European Investment Bank	Bonds	25.0	Dec. 15

*--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 for 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 Oct. 1 through December 4
10/27	35.0	United Mexican States--6-1/4% sinking fund bonds maturing 1979, reoffered to yield 6.43%.
10/29	100.0	Inter-American Development Bank-4-1/2% bonds maturing 1984, reoffered to yield 4.57%.

B. Prospective Offerings

None.

* Difference in reoffering yields on bonds sold to U.S. citizens and those sold to foreign citizens reflects an upward adjustment of 9.19 per cent in the price paid by U.S. citizens. This premium was collected by the underwriters in accordance with the provisions of the new Interest Equalization Tax. This tax is collected--under a scale of rates which rises with maturity--when U.S. lenders buy new security offerings from borrowers in certain designated "developed" countries.

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Part II: Private Placement--Reported Oct. 1 through December 4

Date reported	Amount (millions of dollars)	Issuer and Description of Issue
10/2	50.0	Bell Telephone Co. of Canada--4.60% 1st mtg. bds., maturing 1989--no information available on taken down.
10/19	7.5	Province of New Brunswick--4/3-4% sinking funds debenture, maturing 1989--no information available on taken down.
10/20	25.0	The Alberta Government Telephone Commission--4-3/4% debenture, maturing 1989--no information available on taken down.
11/4	60.0	City of Montreal--5% sinking fund debenture, maturing 2004--no information available on taken down.
11/5	7.9	Montreal Catholic School Comm.--5% sinking fund debenture, maturing 1989--no information available on taken down.
11/11	25.0	Toronto--Dominion Tower, Ltd.--4.85% first mortgage sinking fund bonds, maturing 1989--no information available on taken down.
11/18	29.1	Banco Nacional Hipotecario Urbano y de Obras Publicas, S.A.--promissary notes, maturing 1965-69--no information available on taken down.

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 taken down but only in the amount of taken down, while the placements shown in this exhibit are included when reported, frequently with little or no information concerning timing of taken downs. Full or partial taken downs may take place both prior and subsequent to the date a placement is reported. *--Included in table for first time.