

**CAPITAL MARKETS DEVELOPMENTS
IN THE UNITED STATES**

(Including Review of Sources and Uses of Funds of
Financial Intermediaries During the First Quarter)

Large public offerings of securities to obtain new capital were in moderate volume last week, and will be in somewhat smaller volume this week. Last week, ended May 22, four corporate issues totaling \$131 million and two State and local government bond issues amounting to \$26 million were sold. This week, ending May 29, three corporate bond offerings with gross proceeds of \$76 million and a \$24 million State and local issue are scheduled for offering to obtain new capital. In addition, the New Jersey Highway Authority is expected to offer \$25 million in bonds to refund outstanding securities.

Bond yields. Yields on most seasoned, long-term bonds declined last week. Aaa-rated State and local government bond yields and those on U. S. Government bonds fell three and one basis points to 3.07 and 4.14 per cent, respectively, to match their February lows. Yields on lower-grade corporate and municipal bonds dropped two and three basis points to 4.84 and 3.52 per cent, respectively.

Although seasoned, Aaa-rated corporate bond yields were stable, yields on new offerings of corporate bonds (adjusted to an Aaa basis) dropped two basis points further to 4.43 per cent.

Short- and intermediate-term interest rates. Rates on 6-month Treasury bills edged up a basis point to 3.60 per cent last week, but the 3-month bill rate was unchanged. Yields on 3-5 year U. S. Government obligations rose three basis points to 4.07 per cent.

The average effective Federal funds rate remained at 3.50 per cent, while most other money market rates were also unchanged.

Private housing starts and permits. Seasonally adjusted private housing starts declined 6 per cent in April from the advanced March rate. The annual rate of 1,558 thousand was moderately below a year earlier and the lowest since last August.

On a three-month moving average basis, the annual rate of starts in the most recent period was 1,627 thousand. This exceeded the year-earlier average by 7 per cent and was within 5 per cent of the recent peak reached in September-November.

Seasonally adjusted building permits also declined from March to April and were just below a year earlier. While the month-

to-month drop for structures of 5-or-more units was particularly sharp, the rate in April was still substantially higher than at the same time last year.

Government-underwritten starts have continued below year earlier levels in each month this year. And in April, they accounted for only 15 per cent of total starts, compared with 18 per cent in April of last year and 23 per cent in April of 1961 and 1962.

Stock market. Common stock prices, as measured by Standard and Poor's composite index of 500 stocks, declined slightly on balance last week to close at 80.73 on May 22. Trading volume averaged 4.7 million shares a day, down 0.4 million shares from the average for the previous week.

Institutional investors. Net inflows of savings to life insurance companies, savings and loan associations, and mutual savings banks totaled \$2.0 billion during March, 3 per cent less than the record inflow to these institutions a year earlier. Although growth in assets of life insurance companies was larger than in March a year ago, growth in savings capital at savings and loan associations and in deposits at mutual savings banks fell behind last year, more than offsetting the gain at insurance companies. (Time and savings deposits at commercial banks rose \$1.1 billion in March, three-tenths less than in the corresponding month of 1963.

Net inflows to these three types of institutions amounted to \$5.2 billion during the entire first quarter of 1964, 6 per cent less than last year's record January-March gain, but one-fourth more than during the similar period of 1962. The lag in this year's quarterly inflows behind last year was wholly attributable to slower growth in savings capital at savings and loan associations. Assets at life insurance companies and deposits at mutual savings banks both showed larger quarterly gains than in the corresponding period a year ago. (Time and savings deposits at commercial banks increased \$3.4 billion during the quarter, one-fourth less than during January-March 1963.)

Growth in assets of life insurance companies during the first quarter of this year amounted to \$1.7 billion,--excluding valuation adjustments--a record for the quarter and 11 per cent greater than in the comparable period last year. Holdings of business securities advanced \$0.7 billion, also a record for the quarter and 6 per cent more than a year ago. While net acquisitions of short-term commercial and finance company paper (at \$0.1 billion) were only two-fifths as large as last year, the increase in holdings of long-term bonds and stocks (at \$0.6 billion) was two-fifths larger. Moreover, mortgage acquisitions amounted to \$0.9 billion, two-fifths more than a year earlier and only 6 per cent less than the 1956 record first quarter total; and the seasonal reduction in holdings of

cash and U. S. Government securities combined (at \$0.2 billion) was limited to about half that of the first quarter last year. On the other hand, acquisitions of foreign government securities (included in other assets) dropped to about one-third the very substantial total of a year earlier when large takedowns of Canadian government bonds were occurring.

Savings capital at savings and loan associations went up \$2.3 billion during January-March, 23 per cent less than last year's record first quarter gain, as withdrawals increased much more than new savings capital. The increase, however, was one-sixth larger than in the comparable period of 1962. Despite the shortfall in growth of savings capital, net acquisitions of mortgages, amounting to \$2.7 billion, were only nominally less than last year's record first quarter volume. To help finance this large volume of mortgage financing, the associations cut back their holdings of cash and Governments somewhat--in contrast to a \$0.4 billion gain a year earlier. Also, their seasonal repayments of borrowings (primarily to the Federal Home Loan Banks) were proportionally smaller than in other recent years.

The net gain in deposits at mutual savings banks during the first quarter amounted to \$1.2 billion, a first quarter record, 19 per cent larger than during the similar period last year. The growth of net inflows was attributable to larger gains in new deposits than in withdrawals, apparently reflecting the impact of January increases in rates paid at banks in the New York metropolitan area. Notwithstanding this larger inflow of savings, however, growth in mortgage holdings of savings banks (amounting to \$0.9 billion) and in U. S. Government security holdings (amounting to \$0.2 billion), were one-eighth and one-fourth smaller, than in the first quarter a year ago. Holdings of business and miscellaneous securities, on the other hand, increased \$0.1 billion in contrast to a small reduction a year earlier; and holdings of State and local government securities were reduced less than in January-March 1963.

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.

Sources and Uses of Funds of Major Types of Savings Institutions 1/

First Quarter 1956-1964

(In millions of dollars)

Year	Uses of funds						Total sources or uses	Memo: Total Exclud- ing Valuation change 2/	Source of funds		
	Cash	U.S. Govt. secur- ities	Busi- ness secur- ities	Mort- gages	State & local govt. sec.	Other assets			Net change in deposits or savings capital	Borrow- ing	Other
<u>Life Insurance Companies</u>											
1964	-166	-24	733	898	-27	750	2,164	1,732	--	--	--
1963 _r /	-226	-149	687	624	4	920	1,860	1,567	--	--	--
1962	-173	172	676	406	149	305	1,535	1,481	--	--	--
1961	-98	116	547	550	104	648	1,867	1,557	--	--	--
1960	-182	-38	341	709	83	441	1,354	1,227	--	--	--
1959	-148	27	648	401	149	314	1,390	1,285	--	--	--
1958	-123	58	631	455	86	318	1,425	1,345	--	--	--
1957	-206	-77	571	688	21	336	1,333	1,221	--	--	--
1956	-215	-500	673	957	155	235	1,305	1,218	--	--	--
<u>Savings and Loan Associations</u>											
1964	-351	293	--	2,220	n.a.	55	2,217	--	2,320	-688	585
1963	-137	537	--	2,272	n.a.	55	2,727	--	3,024	-1,028	730
1962 _r /	-130	312	--	1,894	n.a.	29	2,105	--	1,977	-560	688
1961	-25	386	--	1,499	n.a.	89	1,949	--	1,858	-571	662
1960	-300	238	--	1,262	n.a.	56	1,256	--	1,503	-699	455
1959	-325	454	--	1,440	n.a.	141	1,710	--	1,378	-242	574
1958	267	26	--	775	n.a.	27	1,095	--	1,317	-592	370
1957	-235	347	--	838	n.a.	122	1,070	--	997	-299	372
1956	-99	240	--	907	n.a.	73	1,118	--	1,106	-326	338
<u>Mutual Savings Banks</u>											
1964	-25	254	78	926	-16	123	1,339	--	1,155	--	183
1963	-65	329	-24	1,069	-52	57	1,314	--	969	--	345
1962	69	380	43	671	-43	-44	1,076	--	720	--	356
1961	-19	323	34	505	-6	72	909	--	657	--	252
1960	-53	12	31	425	-12	72	475	--	302	--	173
1959	-33	220	-41	508	55	12	721	--	548	--	173
1958	39	20	332	394	33	54	872	--	719	--	153
1957	-76	59	205	355	7	54	604	--	435	--	169
1956	-79	21	50	587	43	30	652	--	512	--	140

r/ Revised.

n.a.--Not available.

1/ For description of data see Exhibits N, O, and P.

2/ Excludes changes in miscellaneous assets of life insurance companies (one portion of the "other" in this table) which includes most, but not all, valuation changes, as well as changes in a few other items.

LONG-TERM BOND YIELDS, HIGH-GRADE

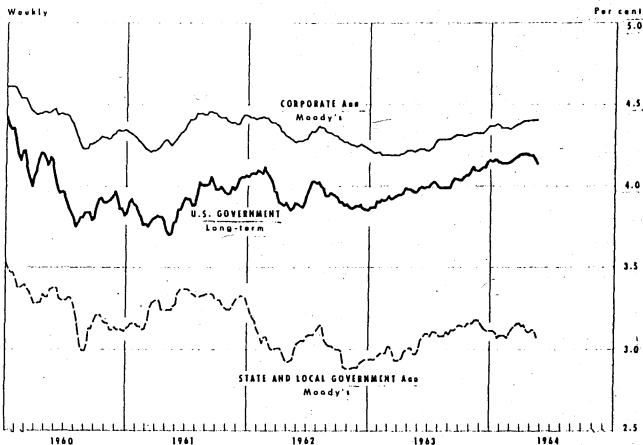


Exhibit A - Part II

Date	Corporate Aaa <u>1/</u>	U. S. Govt. long-term <u>2/</u>	State and local government Aaa <u>3/</u>	Spread between U. S. Govt. and	
				Corporate Aaa	State and local Aaa
	(per cent)				
1959-60 - High	4.61(1/29/60)	4.42(1/8/60)	3.65(9/24/59)	.59	.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	4.41(5/22)	4.20(4/17)	3.16(3/26)	.27	1.09
Low	4.35(2/28)	4.14(5/22)	3.07(5/21)	.19	1.02
Apr. 24	4.41	4.19	3.10	.22	1.09
May 1	4.41	4.19	3.12	.22	1.07
May 8	4.41	4.18	3.12	.23	1.06
May 15	4.41	4.16	3.10	.25	1.06
May 22 <u>p/</u>	4.41	4.14	3.07	.27	1.07

p/ Preliminary.

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

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

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

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

LONG-TERM BOND YIELDS, LOWER-GRADE

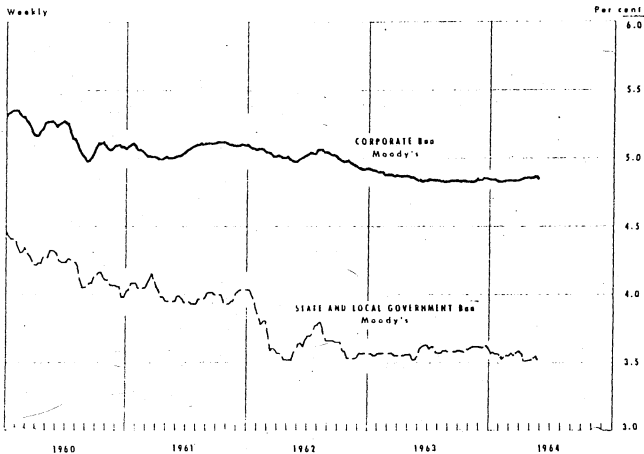


Exhibit B - Part II

Date	Corporate Baa 1/	State and local govt. Baa 3/	Spread between Aaa and Baa	
			Corporate	State and local govt.
		(per cent)		
1959-60 - High	5.36(2/12/60)	4.46(1/7/60)	.84	1.08
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(5/27)	.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	4.86(5/15)	3.58(3/26)	.48	.49
Low	4.82(2/7)	3.50(5/7)	.43	.36
Apr. 24	4.85	3.52	.44	.42
May 1	4.85	3.52	.44	.40
May 8	4.86	3.54	.45	.42
May 15	4.86	3.55	.45	.45
May 22 p/	4.84	3.52	.43	.45

Notes: For footnotes see Exhibit A.

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

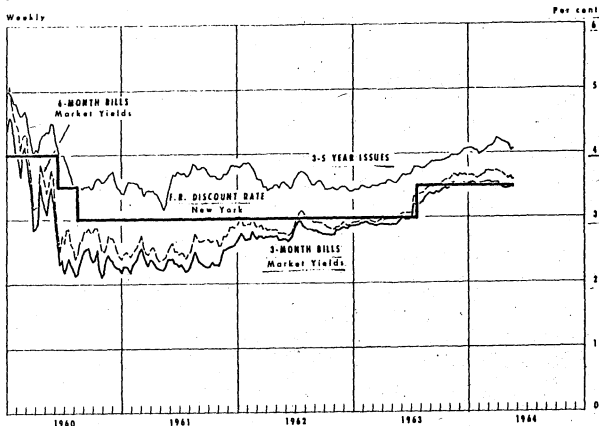


Exhibit C - Part II

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 (1/28)	.04	.42
1964 - High	3.50	3.56 (3/6)	3.74 (3/6)	4.23 (3/27)	.21	.71
Low	3.50	3.45 (5/1)	3.59 (5/15)	3.99 (2/7)	.11	.48
Apr. 24	3.50	3.45	3.64	4.16	.19	.71
May 1	3.50	3.45	3.60	4.14	.15	.69
May 8	3.50	3.49	3.63	4.10	.14	.61
May 15	3.50	3.47	3.59	4.04	.12	.57
May 22 p/	3.50	3.47	3.60	4.07	.13	.60

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

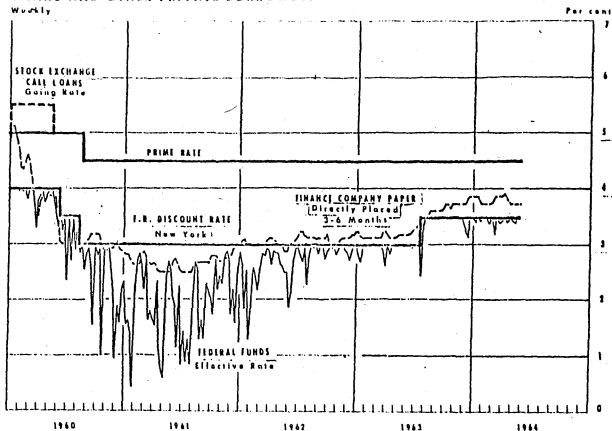


Exhibit D - Part II

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	3.93(4/3)	3.50(5/22)	.41
Low	4.50	4.50	3.75(5/22)	3.20(3/6)	.22
Apr. 24	4.50	4.50	3.75	3.45	.30
May 1	4.50	4.50	3.75	3.42	.30
May 8	4.50	4.50	3.75	3.50	.26
May 15	4.50	4.50	3.75	3.50	.28
May 22 <u>p</u> /	4.50	4.50	3.75	3.50	.28

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

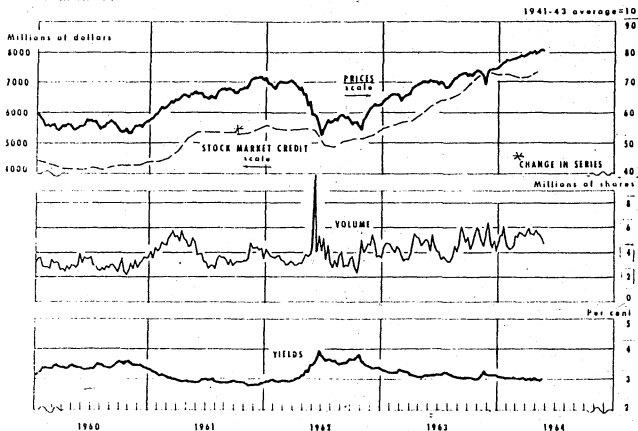


Exhibit E - Part II

Date	Stock price index ^{1/}	Common stock yields ^{2/} (per cent)	Trading volume ^{3/} (millions of shares)	Stock market customer credit		
				Total	Customers' debit 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	81.01(5/15)	3.00	6.1	7,314(4)	5,524(1)	1,810(4/15)
Low	75.50(1/3)	3.09	4.3	7,120(2)	5,366(3)	1,720(1/22)
March	78.80	3.03	5.4	7,141	5,366	1,775
April	79.94	3.00	5.6	7,314	5,510	1,804
May 8	81.00	2.96	5.4	n.a.	n.a.	1,808
May 15	81.01	3.00	5.1	n.a.	n.a.	n.a.
May 22 ^{p/}	80.73	3.03	4.7	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. Weekly reporting banks account for about 70 per cent of loans to others. For further detail see Bulletin.

PRIVATE HOUSING STARTS AND PERMITS

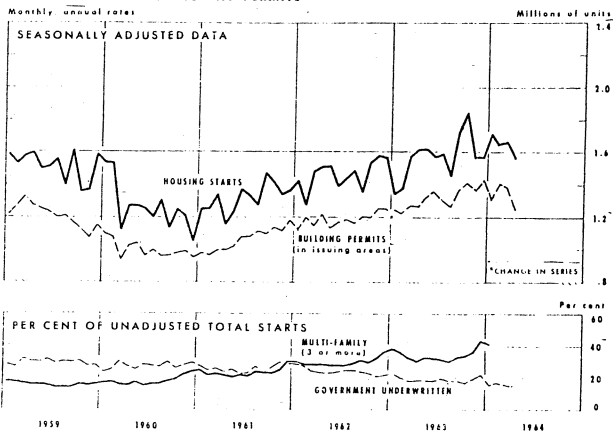


Exhibit F - Part II

Date	Starts						Building permits (seasonally adjusted annual rate) 2/	
	Total	Unadjusted	Unadjusted			Type of housing		
			Type of financing					
Seasonally adjusted annual rate		FHA	VA	Other	1-2 family	Multi-family		
(Thousands of units)								
1963 - Apr.	1,618	158	21	7	129	111.1	47.0	1,264
May	1,618	166	22	7	137	112.6	53.8	1,328
June	1,571	153	20	7	126	104.7	48.7	1,363
July	1,588	150	21	8	121	103.0	47.1	1,308
Aug.	1,455	144	19	7	119	100.5	43.8	1,262
Sept.	1,732	145	19	6	120	97.5	47.8	1,372
Oct.	1,847	163	21	6	136	107.8	55.3	1,412
Nov.	1,564	119	17	5	97	75.8	43.5	1,369
Dec.	1,564	95	16	5	74	53.6	41.4	1,426
1964 - Jan.	1,718	100	11	4	84	58.5	41.0	1,314
Feb.	1,657	100	12	4	84	68.5	31.9	1,405
Mar.	1,665	130	16	5	109	88.1	42.2	1,384
Apr.	1,558	151	18	5	128	101.7	49.3	1,249

1/ Total starts are Census estimates including farm for both permit-issuing and non-issuing areas. A dwelling unit is started when excavation begins; all units in an apartment structure are considered started at that time. FHA and VA starts are units started under commitments by those agencies to insure or guarantee the mortgages. As reported by FHA and VA, a unit is started when a field office receives the first compliance inspection report, which is made before footings are poured in some cases but normally after the foundations have been completed. Capehart military housing units are excluded. Other starts are derived as a residual, although total and FHA and VA starts are not strictly comparable in concept or timing; other starts include both units financed by conventional mortgages and units without mortgages.

2/ Building permits before January 1963 are Census estimates for about 10,000 areas identified as having a local building permit system in 1959. Estimates beginning January 1963, are for approximately 12,000, or all known, permit-issuing places. Unlike starts, seasonally adjusted building permits reflect direct adjustment for differences in the number of working days per month, as well as other differences in timing and coverage.

YIELDS ON NEW AND SEASONED CORPORATE BONDS

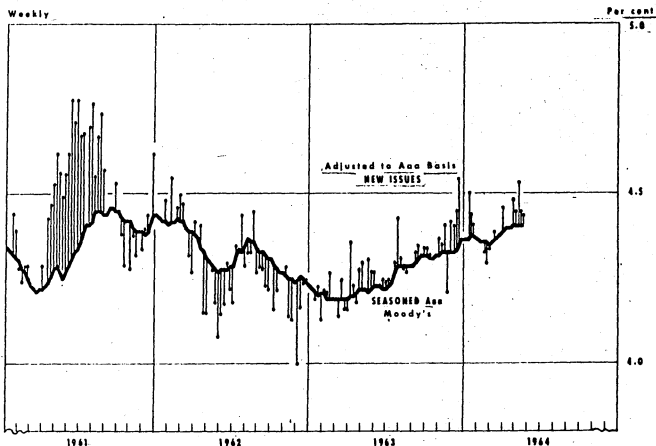


Exhibit G - Part II

Yields on New Corporate Bond Issues Adjusted to an Aaa basis

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 - Dec. 6	2	60.0	4.41	Mar. 6	--	--	--	
	13	95.0	4.45		3	81.0	4.39	
	20	150.0	4.54*		20	--	--	
	27	--	--		27	3	85.0	4.46
1964 - Jan. 3	--	--	--	Apr. 3	--	--	--	
	10	130.0	4.50		10	--	--	
	17	5.0	4.44		17	--	--	
	24	15.0	4.41		24	2	13.0	4.48
	31	--	--	May 1	1	8.0	4.45	
Feb. 7	--	--	--		8	50.0	4.53	
	14	15.0	4.33		15	3	89.0	4.45
	21	50.0	4.30		22	3	95.0	4.43
	28	60.0	4.34					

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 p/	1962
January	p/ 930	613	592	p/ 919	732	876
February	p/ 685	594	859	p/ 749	746	1,133
March	p/ 754	1,144	807	e/ 700	976	628
April	e/ 2,100	930	1,113	e/ 1,100	869	873
May	e/ 950	904	760	e/ 600	866	912
June		1,013	1,132		930	786
July		676	582		680	612
August		637	749		708	544
September		795	579		449	427
October		1,013	835		1,051	650
November		819	703		729	578
December		1,415	1,103		416	550
1st quarter	p/ 2,369	2,351	2,258	p/ 2,368	2,454	2,637
2nd quarter		2,847	3,005		2,665	2,571
3rd quarter		2,109	1,910		1,837	1,528
4th quarter		3,246	2,641		2,197	1,779
1st half		5,198	5,264		5,118	5,208
Three quarters		7,307	7,173		6,955	6,790
Year		10,553	9,814		9,151	8,568
	Excluding finance companies ^{3/}					
1st quarter	e/ 2,019	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 Foreign pfd. stock	Memo: Foreign issues included	Mfg.	Public utility	Communi- cations	Other issuers
		Publicly offered	Privately offered						
1961 - 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
1964 - I	2,499	978	1,221	300	29	418	438	273	1,240
II									
1962 - 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
M-y	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.	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
April e/	2,140	380	400	1,360	n. a.	220	140	1,330	0
May									
June									

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	p/ 4	232	142	p/ --	--	246
February	p/ 81	133	10	p/ --	148	156
March	p/ 69	76	35	p/ --	--	--
April	e/ 25	57	10	e/ 25	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		--	--
Jan. - April	e/ 179	498	197	e/ 25	334	863
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	103	75	18	12	-106	247
February	236	272	466	-459	-189	-156
March	p/ -458	-367	-186	198	-482	226
April	a	589	127	p/ 92	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		-339	-161		551	-80
Jan - April	n.a.	569	425	-127	-487	-47
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 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.

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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 - 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	--
March	335	296	--	38	282	50
April	1,557	235	51	1,271	698	20

Large Individual Issues Offered May 1 through 22

Issuer	Type	Amount (millions of dollars)	Maturity	Coupon rate or net interest cost	Offering yield	Rating
<u>Corporate</u>						
J.I.T. Financial Corp.	Deb.	100.0	1989	4-5/8	4.68	--
Columbia Gas System, Inc.	Deb.	50.0	1989	4-5/8	4.64	A
Puget Sound Pwr. & Lt. Co.	1st mtg. bds.	15.0	1994	4-3/4	4.75	Baa
Philadelphia Elec. Co.	1st & ref. mtg. bds.	50.0	1994	4-1/2	4.45	Aaa
Alabama Pwr. Co.	1st mtg. bds.	29.0	1994	4-5/8	4.55	A
Virginia Elec. & Pwr. Co.	Com. stk.	36.0				
Central Ill. Pub. Ser. Co.	1st mtg. bds.	20.0	1994	4-1/2	4.45	Aa
otomac Elec. Pwr. Co.	1st mtg. bds.	45.0	1999	4-1/2	4.46	Aa
Michigan Consol. Gas Co.	1st mtg. bds.	30.0	1989	4-3/4	4.60	Aa
<u>State and Local Government</u>						
State of California	G.O.	50.0	1966-90	3.21	2.25-3.40 ⁶⁴	
		50.0	1974-2014	3.53	2.95-3.63 ² /A	
N. Y. State Pwr. Auth.	Rev.-Ut.	4.8	1967-84		2.50-3.30	
		11.2	2006	3.55	3.55	A
Cincinnati, Ohio	G.O.	21.3	1965-97	3.16	2.15-3.40	Aa
Maryland State Roads Comm.	Rev.-S.T.	17.5	1965-79	3.15	2.15-3.13	Aa
Denver, Colo.	Rev.-Ut.	10.0	1974-99	3.30	2.95-3.40 ⁶⁴	Aa
Columbus, Ohio	G.O.	13.2	1965-99	3.19	2.15-3.40	Aa
Boston, Mass.	G.O.	10.6	1965-94	3.45	3.30-3.60 ⁷	Baa
Puerto Rico Wtr. Resources Auth.	Rev.-Ut.	20.0	1966-99	3.68	2.40-3.70	A
State of Hawaii	G.O.	15.0	1967-84	3.21	2.60-3.30 ⁸	A
Oklahoma City, Okla.	G.O.	11.9	1966-89	n.a.	2.40-3.20 ⁸	A
New Orleans, La.	G.O.	14.5	1966-89	3.22	2.50-3.40	A

Large Individual Issues Offered May 1 through 22

Issuer	Type	Amount (millions of dollars)	Maturity	Coupon rate or net inter- est cost	Offering yield	Rating
<u>Other</u>						
Republic of Finland	Bonds	15.0	1976	6	6.24	--

*--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/ Bonds maturing 1989-90 not publicly reoffered.
- 5/ Bonds maturing 2014 not publicly reoffered.
- 6/ Bonds maturing 1974-76 not publicly reoffered.
- 7/ Bonds maturing 1965-79 not publicly reoffered.
- 8/ Bonds maturing 1988-89 not publicly reoffered.

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 2/	Corporate	State and local govt.	Other 2/
1963 - 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	--
Mar. 31	1,587	669	25	1,837	953	25
Apr. 30	651	345	15	844	575	15

Forthcoming Large Offerings as of May 22

Issuer	Type	Amount (millions of dollars)	Approximate date of offering
<u>Corporate</u>			
Texas Eastern Trans. Co.	Deb.	40.0	May 26
Mountain Fuel Supply Co.	Deb.	18.0	May 27
Wisconsin Pub. Ser. Corp.	1st mtg. bds.	18.0	May 28
Communications Satellite Corp.	Com. stk.	200.0	June 2
Long Island Lighting Co.	1st mtg. bds.	25.0	June 3
General Tel. Co. of Cal.	1st mtg. bds.	35.0	June 4
Michigan-Wisconsin Pipe Line Co.	1st mtg. bds.	20.0	June 10
Louisiana Pwr. & Lt. Co.	1st mtg. bds.	25.0	June 11
Public Ser. Co. of Colorado	1st mtg. bds.	35.0	June 17
Acleda Gas Co.	1st mtg. bds.	20.0	June 19
Carolina Pwr. & Lt. Co.	1st mtg. bds.	30.0	June 24
Consolidated Edison Co.	Pfd. stk.	60.0	June
General Motors Accept. Corp.	Deb.	150.0	June
Pacific Gas. & Elec. Co.	Com. stk.	68.0	July (rts. ex.)

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Forthcoming Large Offerings, as of May 22 (Cont'd)

Issuer	Type	Amount (millions of dollars)	Approximate date of offering
<u>State and Local Government</u>			
Houston, Texas	G.O.	23.5	May 27
Los Angeles Un. Sch. Dist., Calif.	G.O.	25.0	June 2
*Dallas Ind. Sch. Dist., Tex.	G.O.	10.0	June 4
Penna. State Highway & Bridge Auth.	Rev.-Q.-Ut.	25.0	June 16
*Public Housing Auth.	--	119.1	June 17
Orange Co. Spec. Tax Dist. #1, Fla.	Rev.-S.T.	25.0	June 29
Florida Dev. Comm.	Rev.-Q.-Ut.	17.0	June
Va. State Highway Auth.	Rev.-Q.-Ut.	31.0	Spring
Seattle, Wash.	Rev.-Ut.	60.0	July 15
Merced Irr. Dist., Cal.	Rev.-Q.-Ut.	36.0	July 15
Pittsburgh, Pa.	G.O.	35.0	Indefinite
Dade County, Florida	G.O.	46.0	Indefinite
Forth Worth, Texas	G.O.	14.1	Indefinite
Atlanta Fulton Co. Rec. Auth., Ga.	Rev.-Q.-Ut.	18.0	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 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
3/23	50.0	A. Sold March 1 through May 22 Inter-American Development Bank-4-1/2 bonds, maturing 1984, offered to yield 4.50%
4/1	25.0	United Mexican States--6-1/2% sinking fund debentures, maturing 1979 offered to yield 6.75%
* 5/7	15.0	Republic of Finland--6% bonds, maturing 1976, offered to yield 6.24%

B. Prospective Offerings

None

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Part II: Private Placement--Reported March 1 through May 22

Date reported	Amount (millions of dollars)	Issuer and Description of Issue
4/1	12.5	C. Itoh & Co. Ltd--6-1/2% convertible unsecured debentures, maturing 1984--no information available on takedown.
* 5/8	4.0	Israel Discount Bank Ltd.--5-1/2% capital notes, maturing 1979--no information available on takedown.
* 5/8	10.0	Pacific Great Eastern Railroad Co.--4-1/2% sinking fund debentures, maturing 1994--no information available on takedown
* 5/18	21.0	Upper Lakes Shipping Ltd.--6% installment notes, maturing 1966-79--no information available on takedown.

Note: For retrospective data on aggregate foreign corporate and government security offerings in the United States see Exhibit 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 data a placement is reported.

*--Included in table for first time.

Exhibit N

Sources and Uses of Funds by
Life Insurance Companies

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	Uses of Funds 1/						Total sources or uses	Memo: Total Excluding Valuation Change 3/	
	Cash	U. S. Govt. Securities	Business Securities 2/		State and local Govt. securities	Mortgages			Other
			Bonds & Stocks	Short-term paper					
(In millions of dollars)									
Value of assets at end of period:									
1960 - Dec.	1,329	6,428	48,631	295	3,606	41,815	17,472	119,576	114,925
1961 - Dec.	1,392	6,135	51,362	193	3,902	44,250	13,582	126,816	121,270
1962 - Dec.	1,456	6,171	53,468	348	4,037	46,957	20,854	133,291	127,796
1963 - Dec.	1,442	5,755	55,997	381	3,876	50,543	22,909	140,903	134,805
1964 - Mar.	1,276	5,731	56,622	489	3,849	51,441	23,659	143,067	136,537
Changes:									
1961 - Oct.	30	14	260	23	13	204	121	665	604
Nov.	40	-46	211	16	44	237	149	651	577
Dec.	13	-261	505	-178	23	382	325	809	623
1962 - Jan.	-99	223	65	225	29	149	145	737	712
Feb.	1	25	156	43	3	114	107	442	418
Mar.	-75	-76	135	52	117	143	60	356	351
Apr.	12	91	44	179	-15	119	27	457	542
May	4	-24	265	-53	-12	197	-17	360	575
June	-22	-95	248	-118	12	198	-14	209	325
July	58	121	132	72	11	139	140	681	634
Aug.	-24	-21	206	31	25	237	149	603	531
Sept.	42	-48	182	20	12	178	87	473	484
Oct.	12	28	136	69	-21	296	159	679	717
Nov.	35	36	135	-40	-17	332	250	771	666
Dec.	120	-224	402	-325	-9	605	138	707	571
1963 - Jan.	-134	133	58	190	31	215	360	842	778
Feb.	-17	-71	143	50	-9	139	236	471	418
Mar. r/	-75	-211	233	13	-18	270	256	468	371
Apr.	-14	-19	160	81	-27	292	160	633	599
May	29	-162	367	-139	-36	255	312	626	557
June	-1	-94	219	-50	-19	256	151	462	454
July	54	86	156	105	-27	244	354	972	743
Aug.	-10	-33	106	88	-19	299	260	391	561
Sept.	87	14	186	-56	-43	269	-54	402	551
Oct.	6	5	225	64	1	303	242	846	653
Nov.	-21	-42	274	109	-4	277	4	527	605
Dec.	119	-32	391	-411	-13	730	-88	696	704
p/1964 - Jan.	-159	27	261	270	-17	285	296	963	774
Feb.	-15	23	131	-68	-2	298	c/ 298	665	c/ 518
Mar.	8	-74	233	-94	-8	315	156	536	440

1/ Uses of funds represent net changes in assets and therefore reflect net, rather than gross, uses.
 2/ Includes securities of domestic corporations only. Source--Institute of Life Insurance.
 r/ Revised. p/ Preliminary.
 3/ Excludes changes in miscellaneous assets (one portion of the "other" in this table) which includes most, but not all, valuation changes, as well as changes in a few other items.

Exhibit O

Sources and Uses of Funds by
Savings and Loan Associations

	Uses of funds 1/				Total sources or uses	Source of funds		
	Cash	U. S. Govt. securities	Mortgages 2/	Other assets		Net change savings capital	Borrowing 3/	Other
Value of assets at end of period:	(In millions of dollars)							
1960 - Dec.	2,680	4,595	60,070	4,131	71,476	62,142	2,197	7,137
1961 - Dec.	3,315	5,211	68,834	4,775	82,135	70,885	2,856	8,394
1962 - Dec.	3,926	5,563	78,770	5,346	93,605	80,236	3,629	9,740
1963 - Dec.	3,964	6,440	90,849	6,178	107,431	91,205	5,011	11,215
1964 - Mar.	3,613	6,773	93,667	6,233	109,648	93,525	4,323	11,800
Changes:								
1961 - Oct.	82	43	811	107	1,043	724	75	244
Nov.	84	79	757	203	1,123	779	79	265
Dec.	437	44	745	-53	1,173	1,495	415	-737
1962 - Jan.	-354	182	518	-105	241	494	-318	128
Feb.	96	95	592	39	822	565	-98	355
Mar.	128	35	784	95	1,042	918	-81	205
Apr.	-77	-43	830	93	803	374	125	304
May	10	-8	962	401	1,365	761	98	506
June	258	-64	1,006	-62	1,138	1,395	364	-621
July	-384	46	880	-178	364	25	89	250
Aug.	-37	-8	1,003	100	1,058	635	91	332
Sept.	82	42	829	83	1,036	857	96	83
Oct.	93	35	944	40	1,112	815	36	261
Nov.	100	46	790	164	1,100	857	-23	266
Dec.	696	-6	798	-99	1,389	1,655	457	-723
1963 - Jan.	-333	188	671	108	418	985	-737	170
Feb.	106	172	696	46	1,020	844	-195	371
Mar.	90	177	905	117	1,289	1,195	-96	190
Apr.	-139	35	1,061	92	1,049	478	124	447
May	-37	-24	1,178	394	1,511	969	115	427
June	237	90	1,244	-29	1,542	1,642	594	-694
July	-449	70	1,103	-150	1,574	-36	254	356
Aug.	-48	-38	1,208	151	1,273	643	224	406
Sept.	30	112	1,097	38	1,277	916	296	65
Oct.	67	74	1,118	82	1,341	795	197	349
Nov.	32	129	806	175	1,142	804	59	279
Dec.	482	-108	992	24	1,390	1,734	547	-891
1964 - Jan.	-396	158	604	-189	177	464	-421	134
Feb.	33	64	710	109	916	754	-213	375
Mar.	12	71	906	135	1,124	1,102	-54	76

1/ Uses of funds represent net changes in assets and therefore reflect net, rather than gross uses. Savings and loan associations do not hold business securities and data on holdings of State and local government bonds, presumed to be small, are not available.

2/ Advances from Home Loan Banks and other borrowing. Source--FSLIC.

Exhibit F

Sources and Uses of Funds
by Mutual Savings Banks

	Uses of funds 1/						Total sources or uses	Sources of funds	
	Cash	U. S. Govt. securities	Business securities 2/	State local govt. securities	Mortgages	Other		Net change in deposits	Other
Value of assets at end of period:									
1960 - Dec.	872	6,239	5,080	672	26,709	1,001	40,573	36,353	4,220
1961 - Dec.	828	6,136	5,053	677	28,915	1,224	42,833	38,487	4,346
1962 - Dec.	957	6,089	5,188	528	32,070	1,284	46,118	41,582	4,536
1963 - Dec.	912	5,837	5,092	442	36,008	1,402	49,693	44,883	4,811
1964 - Mar.	887	6,093	5,170	426	36,934	1,525	51,032	46,038	4,994
Changes:									
1961 - Oct.	-27	-120	-56	-5	178	-44	-74	-15	-59
Nov.	7	-13	-20	-5	167	46	181	48	133
Dec.	-20	-21	5	-1	212	117	292	471	-179
1962 - Jan.	10	94	17	-7	253	-118	250	83	167
Feb.	47	77	1	-18	188	12	307	165	142
Mar.	12	209	25	-18	230	62	-519	472	47
Apr.	-79	-216	-35	-26	270	-45	-131	-51	-80
May	12	16	2	-20	254	68	334	184	150
June	54	-38	17	-5	302	-22	306	424	-118
July	-46	-11	66	-5	290	-10	285	172	113
Aug.	-29	26	14	-9	312	53	367	215	152
Sept.	44	3	2	-5	243	28	315	429	-114
Oct.	15	-162	3	-15	305	-32	114	186	-72
Nov.	-35	-19	27	-6	272	36	274	147	127
Dec.	124	-26	-4	-15	236	28	345	545	-200
1963 - Jan.	-137	39	4	-15	436	13	330	229	101
Feb.	51	31	-11	-11	320	-6	375	215	160
Mar.	21	260	-9	-26	313	49	610	526	84
Apr.	-61	-241	-72	-5	327	-58	-111	11	-122
May	22	-25	-5	-8	357	52	392	232	160
June	37	13	19	-3	254	-11	306	422	-119
July	-63	-19	14	-3	314	11	254	137	118
Aug.	-18	-34	25	--	300	71	344	174	171
Sept.	38	-61	43	-2	274	37	329	430	-102
Oct.	-28	-177	-22	-3	369	-42	97	198	-101
Nov.	-8	-14	-75	-2	321	38	259	118	141
Dec.	101	-22	1	-8	353	-34	390	578	-188
1964 - Jan.	34	88	15	--	345	93	477	400	77
Feb.	32	82	47	-13	283	5	435	260	175
Mar.	6	84	16	-3	298	25	427	495	-69

1/ Preliminary.

2/ Uses of funds represent net changes in assets and therefore reflect net, rather than gross uses.

3/ Includes Canadian government and political subdivisions, International Bank for Reconstruction and Development, nonguaranteed Federal agency and other bonds as well as corporate bonds and stock.

Source - NAMSB and FDIC