

May 23, 1966

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FEDERAL RESERVE BANK  
OF ST. LOUIS

CAPITAL MARKETS DEVELOPMENTS  
IN THE UNITED STATES

Corporate and municipal bond markets. New security offerings by corporations this week will be in very slight supply--the smallest weekly total since early in January. State and local government issues for new capital will total over 50 per cent more than the weekly average for such issues during the past year. Highlighting this week's municipal calendar is a \$161 million revenue issue of Yuba County, California.

Long-term Public Security Offerings <sup>1/</sup>

(In millions of dollars)

	Corporate		State and local Government	
	New Capital	Refunding	New Capital	Refunding
Sold:				
52 week avg.	164	3	205	6
May 13	115	--	127 <sup>1/2</sup>	--
20	110	--	280	--
Scheduled:				
May 27	65	--	333	--

<sup>1/</sup> Federal Reserve estimates based upon published reports of issues sold and scheduled for offering; Corporate rights offerings are included as of the data subscription rights expire.

Yields on both new and seasoned corporate bonds advanced 6 basis points last week. The seasoned issue yield spread from long-term Governments attained the highest level in five years. Underwriters terminated price restrictions on three recent corporate debt offerings, and free market trading resulted in upward yield adjustments of 8 to 10 basis points.

Municipal yields were unchanged in last week's market. Approximately three-fifths of the new issues were spoken for by week-end.

Private Housing Starts and Permits. Private housing starts, which had turned up appreciably in March, declined 4 per cent in April to a seasonally adjusted annual rate of 1,495 thousand. On a three-month moving average basis, the rate for the February - April period was 1,477 thousand, just 2 per cent below the moderately reduced average for the first quarter of the year and still above the recent low in the third quarter of last year.

Yields in Security Markets

	<u>Level latest week</u>	<u>Change from preceding week</u>
<u>High-Grade Notes and Bonds</u>		
<u>Corporate</u>		
New	5.21	+6
Seasoned	5.01	+6
<u>U.S. Government</u>		
Long-term	4.54	--
3-5 year	4.91	+3
<u>State and loc. Govt.</u>		
Moody's Aaa	3.52	--
Std. & Poor's high grade	3.66	--
<u>Money Market</u>		
Federal funds	5.02	+37
Treasury bills		
3-month	4.63	+3
6-month	4.83	+4

<u>Date Offered</u>	<u>Amount</u>	<u>Corporate Bonds Still in Syndicate</u> <u>Issuer</u>	<u>Reoffering Yield</u>	<u>Est. Pro- Rating</u>	<u>portion sol</u>
5/17	35.0	Public Service Co. of Colo. 1st mtg. bds., 5-3/8, 1996	5.32	Aa	1/2
5/18	30.0	Union Elec. Co. 1st mtg. bds., 5-1/2, 1996	5.33	Aa	1/3

Blue List of Municipal Dealer's Advertised Inventories  
(in millions of dollars)

<u>Latest Date</u>	<u>End of Previous Week</u>	<u>Recent High</u>
510 (5/18)	511	620 (2/8)

Seasonally adjusted building permits, which had also advanced sharply in March, returned to about their low February rate. Most of the decline involved single-family units, which had accounted for virtually all of the rise in March. Permits for multi-family units remained little changed in April for the third consecutive month and were somewhat higher than a year earlier.

Government underwritten starts accounted for 15 per cent of total starts in April. This was about the same proportion as in April of other recent years.

Regionally, shifts in starts and permits continued to be selective. Nearly all of the decline in starts and most of the decline in building permits was concentrated in the North Central States, where activity rates have been relatively high in most recent months. In those states, a 16 per cent drop in the rate of starts in April was accompanied by a 26 per cent drop in the rate of building permits. Apart from other influences, a factor in this decline may have been a work-stoppage involving construction workers in and around the Chicago area.

Stock Market Credit. Total customers' credit in the stock market rose \$168 million during April. All of this gain was attributable to a \$190 million increase in customers' net debit balances, as bank loans of others declined \$22 million during the month. Borrowings by member firms of the New York Stock Exchange on customers' collateral advanced \$128 million, while customers' free credit balances declined \$78 million from the historically high March level.

Stock Prices. Common stock prices declined slightly last week in active trading. Standard and Poor's index of 500 stocks fell .04 to end the week at 85.43. Trading volume rose to average 8.6 million shares a day.

More detailed information concerning recent capital market developments is presented in the attached exhibit.

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

**STOCK MARKET CREDIT**  
(In millions of dollars)

Months	Customer Credit			Broker & Dealer Credit		
	Total	Net Debit balances with NYSE member firms	Bank loans to others than brokers and dealers for purchas- ing & carrying secur.	Money Borrowed		Customers' net free credit balances
				Cust. coll.	Other coll.	
Outstanding: 1955-56 High	4,047 (5/56)	2,823 (12/56)	1,255 (4/56)	1,873	430	1,069 (1/55)
1957-58 Low	3,554 (1/58)	2,482 (12/57)	1,060 (11/57)	1,344	188	807 (4/57)
1959 - High	4,764 (4)	3,401 (4)	1,373 (5)	2,044	318	1,257 (3)
1960 - Low	4,142 (5)	3,004 (7)	1,121 (5)	1,801	237	940 (4)
1961 - High	5,602 (12)	4,259 (12)	1,377 (8)	2,572	385	1,508 (4)
1962 - Low	4,876 (7)	3,562 (7)	1,269 (9)	1,856	235	1,091 (9)
1963 - High	7,298 (11)	5,586 (11)	1,727 (12)	3,892	597	1,211 (11)
1965 - Low	6,833 (7)	4,863 (7)	1,865 (2)	2,882	446	1,192 (8)
1964 - Dec.	7,053	5,079	1,974	3,393	517	1,169
1965 - Dec.	7,705	5,521	2,184	2,889	687	1,666
1966 - Apr.	7,991	5,835	2,156	2,983	682	1,744
Changes in outstanding:						
1965 - Apr.	60	11	49	23	-64	-57
May	84	63	21	71	106	1
June	-1	-15	14	-1	182	89
July	-251	-251	--	-297	-320	-64
Aug.	41	23	18	9	23	-40
Sept.	162	108	54	-130	26	176
Oct.	81	79	2	-96	-23	106
Nov.	187	136	51	48	76	4
Dec.	401	312	89	-41	90	187
1966 - Jan.	21	30	-9	59	-92	64
Feb.	224	202	22	11	-2	35
Mar.	-127	-108	-19	-104	47	57
Apr.	168	190	-22	128	42	-78

Note: With the exception of bank loan data, figures are reported to the New York Stock Exchange by member firms carrying margin accounts. Bank loans to others than brokers and dealers for purchasing and carrying securities are for weekly reporting member banks. Net debit balances and customer free credit balances are as of the end of the month; bank loans and money borrowed are reported for the last Wednesday of the month. Numbers in parenthesis denote month of year. All figures exclude credits on, or to carry, U.S. Govt. securities.

LONG-TERM BOND YIELDS, HIGH-GRADE

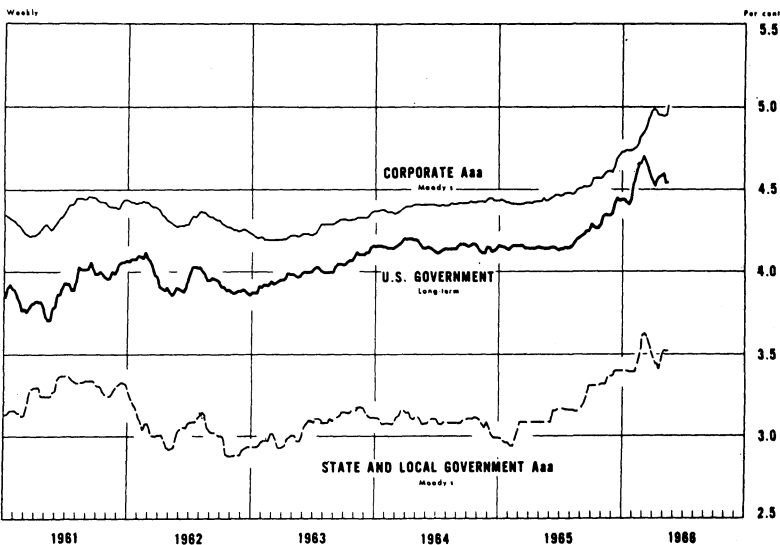


Exhibit A -- Part II

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
1959-60 - High	4.61 (1/29/60)	4.42 (1/8/60)	3.65 (9/24/59)	.59 (2/5/60)	.92 (4/22/60)
1962-63 - Low	4.19 (3/29/63)	3.85 (12/28/62)	2.88 (11/8/62)	.21 (12/27/63)	.80 (1/5/62)
1965 - Low	4.41 (3/12)	4.13 (6/25)	2.94 (2/11)	.22	.94
1966 - High	5.01 (5/20)	4.71 (3/4)	3.63 (3/3)	.47	1.19
- Low	4.73 (1/7)	4.42 (1/21)	3.39 (1/13)	.14	1.02
Apr. 22	4.95	4.57	3.47	.38	1.10
29	4.95	4.58	3.50	.37	1.08
May 6	4.94	4.59	3.52	.35	1.07
13	4.95	4.54	3.52	.41	1.02
20p/	5.01	4.54	3.52	.47	1.02

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

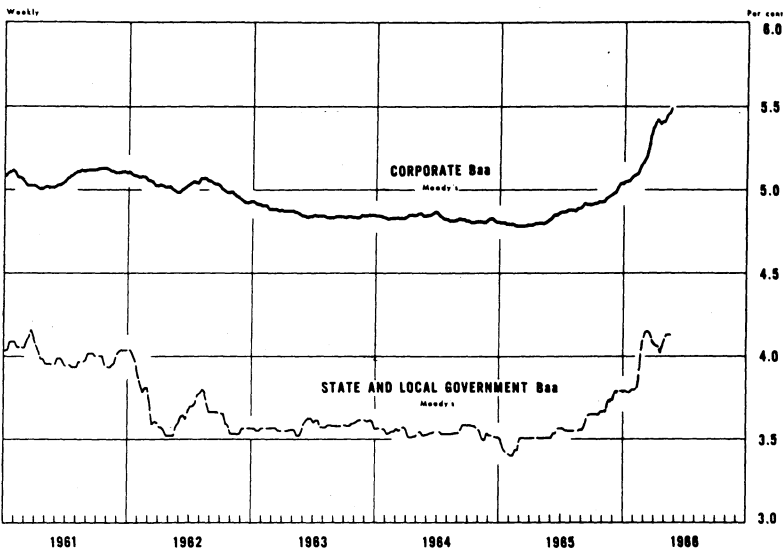


Exhibit B -- Part II

Date	Corporate Baa 1/ Moody's	State and local govt. Baa 2/ Moody's	Spread between Aaa and Baa	
			Corporate	State and local govt.
			(per cent)	
1959-60 - High	5.36 (2/12/60)	4.46 (1/7/60)	.84	1.08
Year end - 1962	4.93	3.57	.70	.63
1964	4.80	3.51	.37	.52
1965	5.04	3.79	.31	.39
1966 - High	5.49(5/20)	4.15(3/10)	.51	.62
Low	5.05(1/14)	3.78(1/20)	.31	.38
Apr. 22	5.41	4.06	.46	.59
29	5.41	4.09	.46	.59
May 6	5.45	4.13	.51	.61
13	5.46	4.13	.51	.61
20p/	5.49	4.13	.48	.61

Notes: For footnotes see Exhibit A.

**SHORT- AND INTERMEDIATE-TERM INTEREST RATES  
GOVERNMENT**

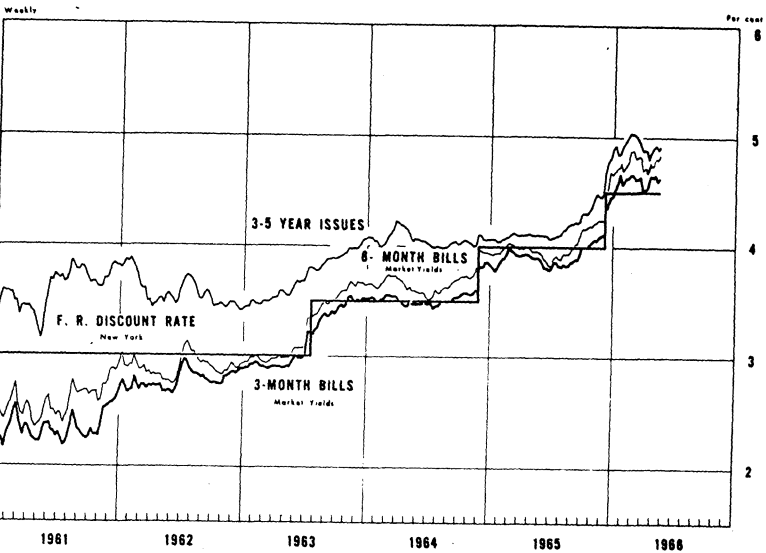


Exhibit C -- Part II

Date	Discount rate 1/	Yields			Spread between yields on 3-month bills and yields on 3-5 yr. issues	
		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
Year end - 1961	3.00	2.66	2.90	3.81	.24	1.15
1962	3.00	2.89	2.93	3.41	.04	.52
1963	3.50	3.52	3.64	4.07	.13	.55
1964	4.00	3.83	3.93	4.07	.10	.24
1965	4.50	4.47	4.66	4.90	.19	.43
1966 - High	4.50	4.66 (5/6)	4.90 (2/18)	5.04 (2/25)	.24	.41
Low	4.50	4.50 (3/25)	4.68 (4/8)	4.80 (4/8)	.09	.21
Apr. 22	4.50	4.65	4.47 ?	4.87	.09	.22
29	4.50	4.64	4.74	4.90	.10	.26
May 6	4.50	4.66	4.80	4.92	.14	.26
13	4.50	4.60	4.79	4.88	.19	.28
20p/	4.50	4.63	4.83	4.91	.20	.28

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.

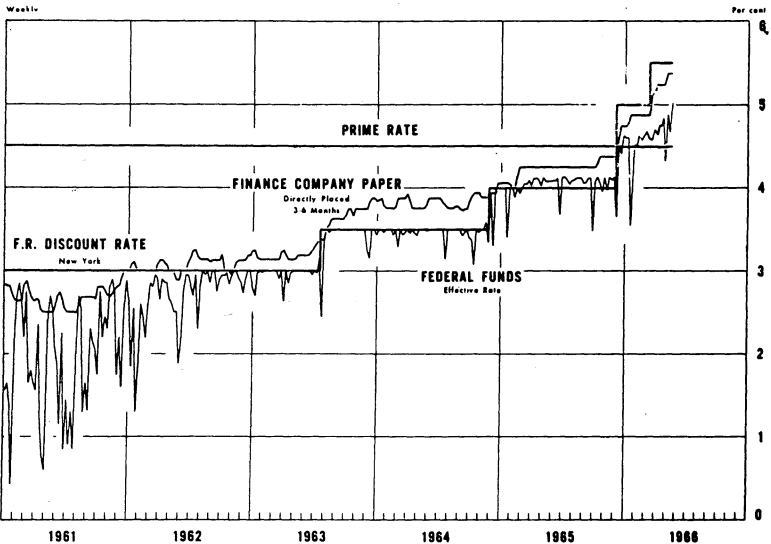
**SHORT- AND INTERMEDIATE-TERM INTEREST RATES,  
BANKS AND OTHER PRIVATE BORROWERS**


Exhibit D -- Part II

Date	Prime rate <sup>1/</sup>	Finance company paper <sup>2/</sup>	Federal funds <sup>3/</sup>	Spread between 3-mo. bills and finance co. paper
	(per cent)			
1959-60 - High	5.00	5.13 (1/22/60)	4.00 (5/13/60)	1.02
Year end - 1961	4.50	3.00	2.88	.34
1962	4.50	3.19	3.00	.30
1963	4.50	3.88	3.50	.36
1964	4.50	4.06	4.00	.23
1965	5.00	4.75	4.63	.28
1966 - High	5.50	5.38 (5/20)	5.02(5/20)	.78
Low	5.00	4.75 (1/7)	3.55(1/21)	.20
Apr. 22	5.50	5.25	4.82	.60
29	5.50	5.25	4.33	.31
May 6	5.50	5.38	4.88	.72
13	5.50	5.38	4.68	.78
20 <sup>p/</sup>	5.50	5.38	5.02	.75

<sup>1/</sup> Weekly rate shown is that in effect at end of period. Prime rate is that charged by large banks on short-term loans to business borrowers of the highest credit standing.

<sup>2/</sup> Average of daily rates published by finance companies for directly placed paper for varying maturities in the 90-179 day range.

<sup>3/</sup> 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

Billions of dollars

1941-43 average=10

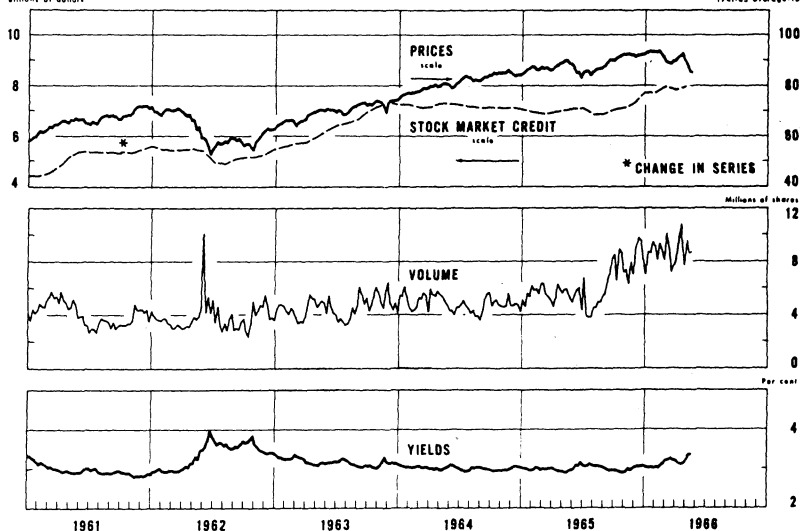


Exhibit E -- Part II

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)	2.82	10.1	5,607(12/61)	4,259(12/61)	1,418(3/8/62)
Low	52.68(6/22/62)	3.96	2.4	4,424(1/61)	3,253(1/61)	1,161(3/8/61)
Nov. 1963	72.62	3.14	5.3	7,298	5,586	1,712
July 1965	84.91	3.09	4.1	6,833	4,863	1,970
1966 - High	93.77(2/11)	3.02	10.7	7,991	5,835	2,197(3/2)
Low	85.43(5/20)	3.37	7.2	7,726	5,551	2,156(5/6)
1966 - Mar.	88.88	3.23	8.3	7,823	5,645	2,184
Apr.	91.60	3.15	9.3	7,991	5,835	2,156
Apr. 29	91.06	3.17	7.7	n. a.	n. a.	2,156
May 6	87.84	3.29	9.6	n. a.	n. a.	2,156
May 13	85.47	3.36	8.6	n. a.	n. a.	2,159
May 20 <sup>p</sup>	85.43	3.37	8.7	n. a.	n. a.	n. a.

n.a.—Not available. <sup>p</sup> 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. Year-end figures are averages of daily figures for the year.

<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.

**PRIVATE HOUSING STARTS AND PERMITS**

Monthly annual rates

Millions of units

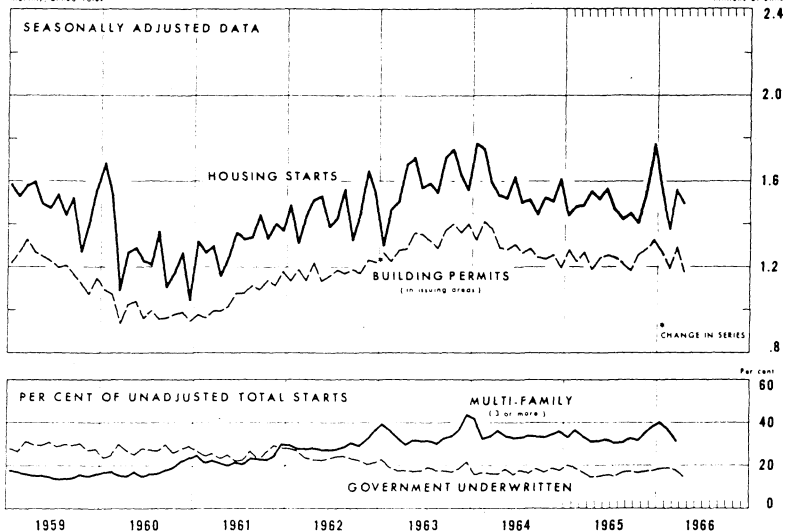


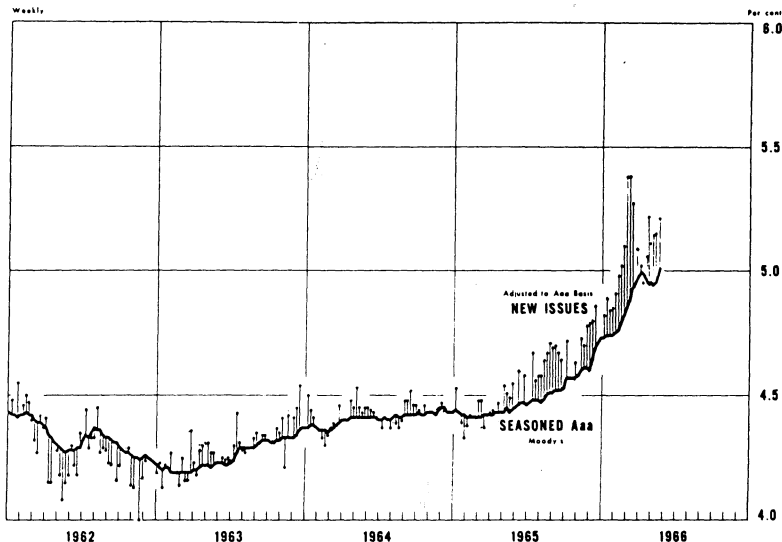
Exhibit F - Part II

Date	Starts						Building permits (seasonally adjusted annual rate) 2/	
	Seasonally adjusted annual rate	Unadjusted	Unadjusted					
			Type of financing			Type of housing		
(Thousands of units)								
			FHA	VA	Other	1-2 family	Multi-family	
1965 - Mar.	1,489	121	16	4	100	80.5	40.2	1,269
Apr.	1,552	152	17	5	130	104.7	47.5	1,187
May	1,516	158	19	5	134	107.6	49.9	1,240
June	1,566	156	19	5	131	105.2	50.3	1,254
July	1,473	141	17	5	119	98.7	42.5	1,243
Aug.	1,422	135	18	5	112	93.0	41.6	1,217
Sept.	1,453	124	17	4	103	83.9	40.4	1,180
Oct.	1,411	134	18	4	112	91.0	42.6	1,259
Nov.	1,547	116	16	4	96	75.0	41.0	1,282
Dec.	1,769	102	15	3	84	63.3	39.0	1,325
1966 - Jan.	1,611	85	13	3	69	50.8	33.8	1,262
Feb.	1,374	78	12	2	64	49.0	28.9	1,191
Mar.	1,561	126	19	3	103	86.0	38.1	1,293
Apr.	1,495	146	18	3	125	n.a.	n.a.	1,176

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 these 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 require 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**

	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)
<b>Monthly Average</b>							
1965 - Aug.	7	166.5	4.63	Feb. 18	2	41.0	5.02
Sept.	7	288.5	4.67	25	2	65.0	5.10
Oct.	5	108.0	4.69	Mar. 4	2	43.0	5.38
Nov.	6	267.0	4.72	11	2	80.0	5.38
Dec.	4	212.0	4.85	18	3	90.0	5.27
1966 - Jan.	8	300.0	4.84	25	1	50.0	5.09
Feb.	10	304.5	4.98	Apr. 1	1	250.0	5.02
Mar.	8	263.0	5.27	8	3	75.0	4.95
Apr.	14	702.3	5.05	15	5	253.3	5.06
				22	3	56.0	5.22
<b>Weekly Avgs.</b>				29	2	68.0	5.12
1966 - High		5.38 (3/4)		May 6	1	150.0	5.14
Low		4.82 (1/7)		13	3	96.0	5.15
				20	2	65.0	5.21
				27			

**Note:** Averages of offering yields on all new issues of publicly offered corporate bonds rated Aaa, Aa and A by Moody's Investors Service (except serial and convertible issues, offerings of natural gas pipeline and foreign companies, and bonds guaranteed by the Federal Government) weighted by size of offering. Before averaging, new offerings are adjusted to a composite Aaa basis by deducting from the actual reoffering yield the excess of the weekly average yield for seasoned bonds of the appropriate industry-quality group over the composite average for seasoned Aaa-rated bonds (Moody's). Averages considered unrepresentative because of special characteristics of the offerings included are denoted by an asterisk.

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

(In millions of dollars)

	New Capital					
	Corporate			State and local <sup>2/</sup>		
	1966	1965	1964	1966	1965 <sup>p/</sup>	1964
January	<u>e/</u> 1,465	795	938	<u>p/</u> 1,175	804	947
February	<u>e/</u> 1,450	746	700	<u>p/</u> 822	872	776
March	<u>e/</u> 2,130	1,197	778	<u>e/</u> 850	904	810
April	<u>e/</u> 1,550	1,152	2,237	<u>e/</u> 1,140	826	1,242
May	<u>e/</u> 1,475	1,691	1,095	<u>e/</u> 900	924	667
June		1,946	1,405		972	903
July		1,290	812		986	906
August		850	680		648	780
September		1,392	1,130		966	892
October		924	953		794	801
November		1,325	669		1,021	529
December		1,496	1,642		754	948
1st quarter	5,042	2,738	2,416	<u>e/</u> 2,847	2,580	2,533
2nd quarter		4,789	4,738		2,722	2,811
3rd quarter		3,533	2,621		2,600	2,578
4th quarter		3,745	3,264		2,569	2,278
1st half		7,527	7,153		5,302	5,345
Three quarters		11,060	9,775		7,902	7,923
Year		14,805	13,038		10,471	10,201
		<b>Excluding finance companies <sup>3/</sup></b>				
1st quarter		2,547	2,043			
2nd quarter		4,348	4,258			
3rd quarter		3,283	2,477			
4th quarter		3,188	2,997			
Year		13,366	11,775			

e/ Estimated by Federal Reserve.

p/ Preliminary.

1/ Securities and Exchange Commission estimates of net proceeds.

2/ Investment Bankers Association of America estimates of principal amounts.

3/ Total new capital issues excluding offerings of sales and consumer finance companies.

Exhibit I

New Corporate Security Issues, Type of Issue and Issuer

(In millions of dollars)

Quarter or Month	Gross proceeds for new capital and refunding 1/					Net proceeds for new capital 1/2/			
	Total	Bonds		Common and Pfd. stock	Memo: Foreign issues included	Mfg.	Public Utility	Communi-cations	Other Issuers
		Publicly Offered	Privately Placed						
1964 - I	2,548	978	1,269	300	29	429	438	273	1,275
II	4,965	1,312	1,755	1,890	105	723	856	1,666	1,492
III	2,876	792	1,590	494	94	559	642	59	1,361
IV	3,568	531	2,629	408	277	1,061	509	135	1,559
1965 - I	3,007	905	1,673	429	243	1,072	541	91	1,034
II	5,043	1,864	2,259	920	215	1,679	609	255	2,246
III	3,912	1,575	1,955	383	263	1,119	786	323	1,304
IV	4,030	1,226	2,264	540	300	1,145	610	177	1,815
1966 - I	5,193	1,794	2,659	740	310	1,914	977	571	1,580
II									
1965 - Jan.	858	161	565	131	49	385	97	21	292
Feb.	791	187	450	155	51	192	215	44	295
Mar.	1,358	557	658	143	143	494	229	26	448
Apr.	1,233	422	648	162	33	540	176	15	422
May	1,773	694	630	449	49	698	248	143	602
June	2,038	748	980	309	134	441	184	98	1,223
July	1,443	542	780	122	27	399	202	102	587
Aug.	930	369	468	93	87	307	297	25	222
Sept.	1,538	664	706	168	150	414	287	196	495
Oct.	986	287	574	124	99	273	158	92	401
Nov.	1,398	613	529	257	101	402	209	43	671
Dec.	1,646	326	1,161	159	99	470	243	43	741
1966 - Jan. e/3/	1,530	480	860	190	94	500	390	125	450
Feb. e/	1,493	560	800	133	82	625	250	150	425
Mar. e/	2,170	753	1,000	417	133	790	340	295	705
Apr. e/	1,600	650	700	250	n. a.	525	400	75	550
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.

3/ Does not include U.S. Steel \$600 million conversion of preferred stock to debentures.

Source: Securities and Exchange Commission.

Note: S.E.C. 1st Quarter 1966 data allocated among months by Federal Reserve.

## Exhibit J

Other Security Offerings  
(In millions of dollars)

	Gross Long-term 1/					
	Foreign Government 2/			Federal Agency 3/		
	1966	1965	1964	1966	1965	1964
January	8	218	4	--	--	--
February	40	--	82	503	129	--
March	40	38	69	410	185	--
April		73	30		325	--
May		--	75		--	--
June		91	26		775	275
July		33	20		--	260
August		74	13		239	160
September		5	7		150	--
October		52	180		375	510
November		75	72		375	--
December		2	58		179	--
Jan.-Mar.	88	256	155	913	314	--
Year		661	636		2,732	1,205
	New short-term 4/					
	State and local Government 5/			Federal Agency 3/		
	1966	1965	1964	1966	1965	1964
January	p/102	238	103	308	-137	-308
February	p/ 38	91	236	-24	-174	-336
March	p/-238	-458	-407	450	117	23
April		647	442		-11	97
May		204	81		509	183
June		-82	-80		237	239
July		119	-9		132	-333
August		408	127		206	167
September		152	176		105	1
October		59	7		-309	525
November		274	-15		202	113
December		-366	-208		-76	-3
Jan.-Mar.	p/-98	-129	-68	734	-194	-621
Year		1,286	453		801	368

p/ Preliminary. e/ Estimated by Federal Reserve. n.a.--Not available. 1/ These data differ from those in Exhibit H in that refunding issues, as well as new capital issues, are included. Long-term securities are defined as those maturing in more than one year. 2/ Includes securities offered in the U.S. by foreign governments and their political subdivisions and international organizations. Source: Securities and Exchange Commission. 3/ Issues not guaranteed by U.S. Government. Source: Long-term, Securities and Exchange Commission; short-term, Treasury Dept. & Fed. Reserve. 4/ These data differ from those in Exhibit H and above in that they represent new offerings less retirements, whether from the proceeds or refunding issues or from other funds. Data include only issues with original maturity of one year or less. 5/ Principally tax and bond anticipation notes, warrants, or certificates and Public Housing Auth. notes. In some instances PMA 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		
1965 - Apr.	307	210	97	--	411	260
May	928	560	53	315	492	40
June	801	343	320	138	377	430
July	477	455	22	--	655	20
Aug.	299	211	62	26	312	50
Sept.	530	530	--	16	563	170
Oct.	246	190	40	--	409	43
Nov.	736	559	33	144	538	95
Dec.	262	212	50	--	413	--
1966 - Jan.	485	370	--	115	787	--
Feb.	545	391	84	70	424	--
Mar.	890	544	75	271	339	55
Apr.	643	481	55	106	720	60

Large individual Issues Offered May 1 through 20

Issuer	Type 3/	Amount (millions of dollars)	Maturity	Coupon rate or net interest cost	Offering yield	Rating
<u>Corporate</u>						
Weyerhaeuser Co.	S.F. deb.	150.0	1991	5.20	5.20	Aa
Virginia Elec. & Pwr. Co.	Conv. deb.	50.0	1986	3-5/8	3.63	A
Bank of the Commonwealth, Detroit, Michigan	Cap. notes	15.0	1991	5-7/8	6.00	--
Kansas Gas & Elec. Co.	1st mtg. bds.	16.0	1996	5-5/8	5.50	Aa
Southern Calif. Edison Co.	1st & ref. mtg. bds.	75.0	1991	5-1/4	5.25	Aa
Pub. Serv. Co. of Colo.	1st mtg. bds.	35.0	1996	5-3/8	5.32	Aa
Union Elec. Co.	1st mtg. bds.	30.0	1996	5-1/2	5.33	Aa
<u>State and local Govt.</u>						
Dallas, Texas	G.O.	19.0	1967-86	3.63	3.20-3.604/	Aa
Cleveland, Ohio	G.O.	20.2	1967-86	3.62	3.20-3.63	Aa
Evansville-Vanderburgh Bldg. Auth., Ind.	Rev.-Rent.	19.3	1970-2006	3.89	3.50-3.88	Aa
Ala. Highway Fin. Corp., Montgomery, Ala.	Rev.-Rent.	25.0	1967-76	3.80	3.40-3.65	Aa
Kearney St. Coll., Neb.	Rev.-Rent.	10.0	1967-2006	4.37	3.70-4.30	--
State of Ohio	G.O.	75.0	1966-76	3.71	3.10-3.63	Aa
Suffolk Co., N.Y.	G.O.	19.4	1967-95	3.77	3.35-3.75	A
Ashdown, Arkansas	Rev.-Rent.	46.0	1969-88	4.80	4.10-4.75	--
<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/ Bonds maturing 1986 not publicly reoffered.



## 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 <u>2/</u>	Corporate	State and local govt.	Other <u>2/</u>
1965 - Apr. 30	852	411	25	852	635	25
May 28	765	328	70	923	474	70
June 30	363	397	20	410	524	20
July 30	193	248	--	340	353	--
Aug. 31	312	404	--	636	450	--
Sept. 30	206	269	15	303	331	15
Oct. 29	412	343	25	489	578	25
Nov. 30	297	398	20	344	458	20
Dec. 31	553	501	20	676	582	20
1966 - Jan. 31	530	340	--	931	461	20
Feb. 28	828	366	20	1,176	504	90
Mar. 31	489	253	--	606	334	55
Apr. 30	248	399	--	1,034	546	55

Forthcoming Large Offerings as of May 20

Issuer	Type	Amount (millions of dollars)	Approximate date of offering
<b>Corporate</b>			
Mich. Consol. Gas Co.	1st mtg. bds.	30.0	May 25
United Air Lines	Com stk.	70.9	June 2 (rts. ex.)
Mountain States Tel & Tel. Co.	Deb.	50.0	June 2
Louisville G. & E. Co.	1st mtg. bds.	16.0	June 8
Pa. Pwr. & Lt. Co.	1st mtg. bds.	30.0	June 9
Boeing Co.	Com. stk.	160.0	June 14 (rts. ex.)
Metropolitan Edison Co.	1st mtg. bds.	15.0	June 15
Gulf Power Co.	1st mtg. bds.	15.0	June 16
Occidental Petroleum Corp.	Conv. sub. deb.	62.0	June 20 (rts. ex.)
*New England Tel. & Tel. Co.	Com. stk.	143.2	June 20 (rts. ex.)
I.B.M.	Com. stk.	350.0	June 21 (rts. ex.)
Southwestern Bell Tel. Co.	Deb.	150.0	June 23
GATX Corp.	Equip. trust cert.	40.0	June
*Potomac Elec. Pwr. Co.	Conv. pfd. stk.	26.1	June (rts. ex.)
*Illinois Bell Tel. Co.	Com. stk.	83.0	June (rts. ex.)
*Northern Natural Gas Co.	S.F. deb.	50.0	June

## Forthcoming Large Offerings as of May 20 (Cont'd)

Issuer	Type	Amount (millions of dollars)	Approximate date of Offering
<u>State and Local Government</u>			
Yuba County, Calif. Water Agency Santa Clara Co. Fld. Control and Wtr. Conservation District, California	Rev.-Q.-Ut.	160.0	May 24
Fla. St. Bd. of Ed., Tallahassee	G.O.	14.2	May 24
Baltimore County, Maryland	Rev.-Rent.	25.0	May 24
Jersey City, New Jersey	G.O.	13.0	May 24
New Orleans, La.	G.O.	15.0	May 24
*State of Hawaii	G.O.	19.0	May 25
*State of Tennessee	G.O.	10.0	May 25
Phila., Pa.	G.O.	25.0	June 1
New York State Exam. Auth.	G.O.	28.8	June 1
Georgia St. Highway Auth.	Rev.-Rent.	24.5	June 1
*State of California	Rev.-Q.-Ut.	16.6	June 8
*Albuquerque, N.M.	G.O.	100.0	June 8
*Jacksonville Port Auth., Fla	G.O.	19.8	June 14
*Public Housing Auth.	G.O.	15.7	June 14
*State of Michigan	Bonds	109.5	June 15
*State of North Carolina	Rev.-Q.-Ut.	24.1	June 21
Kentucky Turnpike	G.O.	35.0	June 22
	Rev.-Q.-Ut.	130.0	June
<u>Other</u>			
City of Montreal, Canada	Bonds	30.0	June 2
Republic of Ireland	Bonds	20.0	Indefinite
Nippon Tel. & Tel. Public Corp.	Bonds	15.0	Indefinite
Industrial Dev. Bank of Israel	Cum. pfd. stk.	20.0	Indefinite

\*-- Included in table for first time.

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

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

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

Foreign Government and Corporate Security Offerings  
and Placements in the United States

Part I: Public Offerings

Sale Date	Amount (millions of dollars)	Issuer and Description of Issue
A. Sold March 1 through May 20		
3/15	20.0	Govt. of New Zealand--6-1/2% bonds, maturing 1986, reoffered to yield 6.87%. ***
3/15	35.0	Province of Ontario--5-1/2% debentures, maturing 1996, reoffered to yield 5.50%.
4/14	60.0	Quebec Hydro-Electric Commission--5-3/8% debentures, maturing 1992, reoffered to yield 5.45%.
B. Prospective Offerings		
June 2	30.0	City of Montreal, Canada - Bonds.
Indefinite	20.0	Republic of Ireland - Bonds.
Indefinite	15.0	Nippon Telegraph and Telephone Public Corp. - Bonds.
Indefinite	20.0	Industrial Development Bank of Israel -Cum. pref. stk.

\*--Included in table for first time.

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

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

## Part II: Private Placements - Reported March 1 through May 20

Date Reported	Amount (millions of dollars)	Issuer and Description of Issue
3/14	28.0	Bell Telephone Co. of Canada--4.85% notes, maturing 1985, no information available on takedown.
3/14	14.5	Manitoba Telephone System--5% guaranteed bonds, maturing 1991--no information available on takedown.
3/21	11.0	Canadian Gas & Oil Ltd.--5-7/8% bonds, maturing 1983--no information available on takedown.
3/21	36.5	Intercontinental Pulp Co. Ltd.-- 7% bonds, maturing 1986--no information available on takedown.
5/2	30.0	Northwestern Pulp & Pwr. Ltd.--5/58% senior notes, maturing 1985--no information available on takedown.
5/2	46.5	Prince Albert Pulp Co. Ltd.--5.20 notes, maturing 1989--no information available on takedown.
5/4	15.0	New Brunswick Elec. Power Commission-- 7 S.F. deb, maturing 1991--no information available on takedown.
5/10	20.0	British Columbia Sch. Dist., Capital Financing Auth-- 5-1/2% debentures, maturing 1986--no information available on takedown.
5/17	11.5	International Pub. Corp.--5.90% notes, maturing 1977 and 1981--no information available on takedown.

Note: For retrospective data on aggregate foreign corporate and government security offerings in the United States see Exhibits I and J. There is no simple relationship between the data shown in the Exhibit and that shown in Exhibits I and J because the latter includes privately placed securities in the period in which funds are actually 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.