

H-14

CAPITAL MARKETS DEVELOPMENTS  
IN THE UNITED STATES

Corporate and municipal bond markets. The volume of new corporate security issues this week will approximate the average volume for such issues over the past year. Southern Bell Telephone and Telegraph Company's \$100 million triple-A rated debenture offering accounts for almost one-half of the weekly volume. New municipal issues will drop-off sharply from last week's outsized offerings.

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.	192	2	209	3
Sept. 16	322 <sub>r/</sub>	--	255 <sub>r/</sub>	12 <sub>r/</sub>
Sept. 23	100	--	440	--
Scheduled:				
Sept. 30	210	--	137	--

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

Yields on new and seasoned corporate bonds declined last week, although the new issue yield series for the week is not representative and probably overstates the actual decline. Of last week's large debt offerings, all were convertibles and sold out by the close of trading on Friday.

Seasoned municipal yields advanced 4 to 8 basis points, while new issues received a good response from investors at yields above the prior week. The week's largest new offering, the \$179 million New Jersey Turnpike Authority issue yielding 4.75 per cent, was sold out in a single day.

Private Housing Starts and permits. Seasonally adjusted private housing starts, which were revised 2 per cent upward in July, dipped 2 per cent further in August to an annual rate of 1,057 thousand,

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	5.69	-12
Seasoned	5.49	-2
<u>U.S. Government</u>		
Long-term	4.80	+1
3-5 year	5.69	+6
<u>State and local Govt.</u>		
Moody's Aaa	3.89	+4
Std. & Poor's high grade	4.16	+8
<u>Money Market</u>		
Federal funds	4.95	-68
Treasury bills		
3-month	5.52	+12
6-month	5.92	+1

Corporate Bonds Still in Syndicate

(In millions of dollars)

NONE

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>
371 (9/20)	254	636 (2/17)

including farm starts. While the further decline was moderate, it marked the fifth consecutive month of reduction since March. On a three-month moving average the rate for the most recent period was 1,141 thousand--a fourth below a year earlier.

The relatively small further downturn in the rate of housing starts reported for August was associated in part with the fact that, unlike building permits, seasonal adjustment of starts includes no explicit allowance for differences in the number of working days. On a seasonally adjusted basis, building permits dropped more sharply than starts from July to August--by 12 per cent. The seasonally adjusted annual rate (808 thousand) was another new low for the series which began in 1959. As has been the case so far this year, the further decline, which affected all regions, was greater for multifamily structures (16 per cent) than for single-family dwellings (9 per cent).

In a number of recent months, the year-to-year reduction in Government-underwritten starts has been less than for conventionally financed starts. In line with this tendency, Government-underwritten starts in August, accounted for a somewhat larger share of total starts (18.0 per cent) than a year earlier (17.3 per cent).

Stock market credit. Total customer stock market credit declined \$59 million during August, to an end-of-month level of \$7.8 billion. Virtually all of this decline was accounted for by the \$58 million fall in customer's net debit balances. Money borrowed by brokers and dealers on customers' collateral declined \$45 million, while customers' net free credit balances remained unchanged at \$1.6 billion.

More information on stock market credit can be found on the following page.

Stock prices. Common stock prices declined last week in light trading. Standard and Poor's index of 500 stocks registered 77.67 at the Friday close, a drop of 2.32 points for the week. Trading volume averaged 5.0 million shares a day.

More detailed information concerning recent capital market developments can be found in the attached exhibits.

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 - Aug.	7,811	5,609	2,202	3,082	594	1,595
Change in outstanding:						
1965 - 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
May	-86	-67	-19	-48	-29	95
June	11 $\bar{r}$ /	2 $\bar{r}$ /	9	42	53	-181 $\bar{r}$ /
*June	96 $\bar{r}$ /	2 $\bar{r}$ /	94*	42	53	-181 $\bar{r}$ /
July	-46 $\bar{r}$ /	-103 $\bar{r}$ /	57	150	-102	-63 $\bar{r}$ /
*July	-131 $\bar{r}$ /	-103 $\bar{r}$ /	-28*	150	-102	-63 $\bar{r}$ /
Aug.	-59	-58	-1	-45	-10	--

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

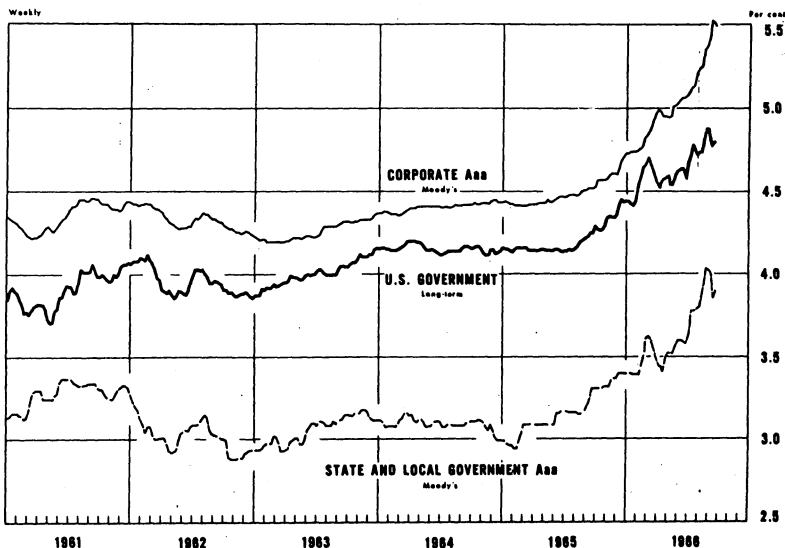


Exhibit A -- Part II

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 (8/3/60)	.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	5.52 (9/9)	4.87 (9/2)	4.04 (8/25)	.75	1.19
- Low	4.73 (1/7)	4.42 (1/21)	3.39 (1/13)	.14	.78
Aug. 26	5.37	4.87	4.04	.50	.83
Sept. 2	5.44 <sup>r</sup> /	4.87	4.02	.57 <sup>r</sup> /	.85
9	5.52	4.77	3.99	.75	.78
16	5.51	4.79	3.85	.72	.94
23 <sup>p</sup> /	5.49	4.80	3.89	.69	.91

<sup>r</sup>/ Preliminary.

<sup>w</sup>/ Weekly average of daily figures. Average term of bonds included is 22-24 years.

<sup>d</sup>/ Weekly average of daily figures. The series includes bonds due or callable in 10 years or more.

<sup>t</sup>/ 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

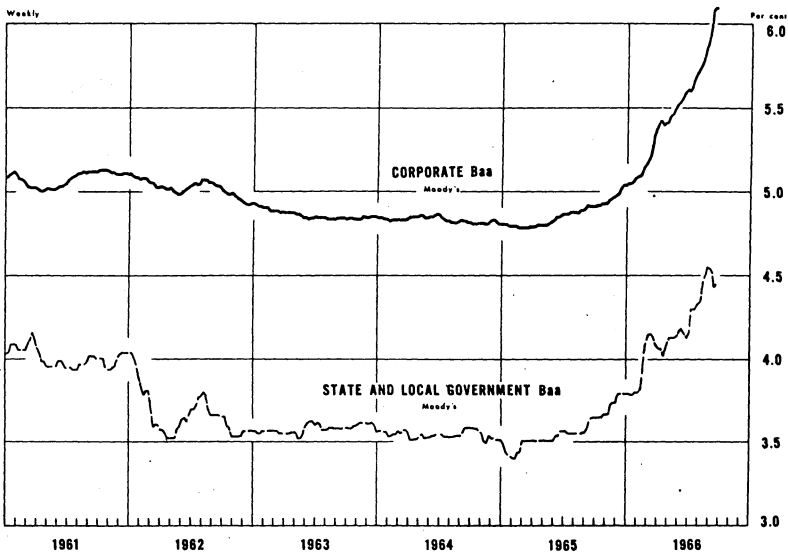


Exhibit B -- Part II

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	6.10(9/23)	4.55(8/25)	.61	.62
Low	5.05(1/14)	3.78(1/20)	.31	.38
Aug. 26	5.90	4.55	.53	.51
Sept. 2	5.99	4.54	.56	.50
9	6.08	4.51	.56	.52
16	6.10	4.43	.59	.58
23p/	6.10	4.45	.61	.56

Note: For footnotes see Exhibit A.

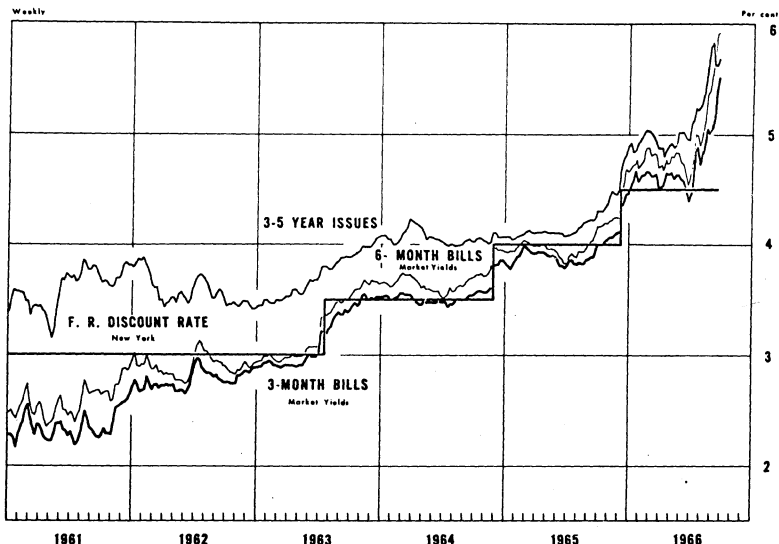
**SHORT- AND INTERMEDIATE-TERM INTEREST RATES  
GOVERNMENT**


Exhibit C -- Part II

Date	Discount rate 1/	Yields			Spread between yields on 3-month bills and yields on	
		3-month bills 2/	6-month bills 2/	3-5 year issues 2/	3-month 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	5.52 (9/23)	5.92 (9/23)	5.83 (9/2)	.52	.78
Low	4.50	4.39 (6/24)	4.53 (6/24)	4.80 (4/8)	.09	.13
Aug. 26	4.50	5.01	5.40	5.79	.39	.78
Sept. 2	4.50	5.07	5.58	5.83	.51	.76
9	4.50	5.18	5.70	5.63	.52	.45
16	4.50	5.40	5.91	5.63	.51	.13
23p/	4.50	5.52	5.92	5.69	.40	.17

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

2/ Market yield; weekly averages computed from daily closing bid prices. Series of 3-5 year issues consists of selected notes and bonds.

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.

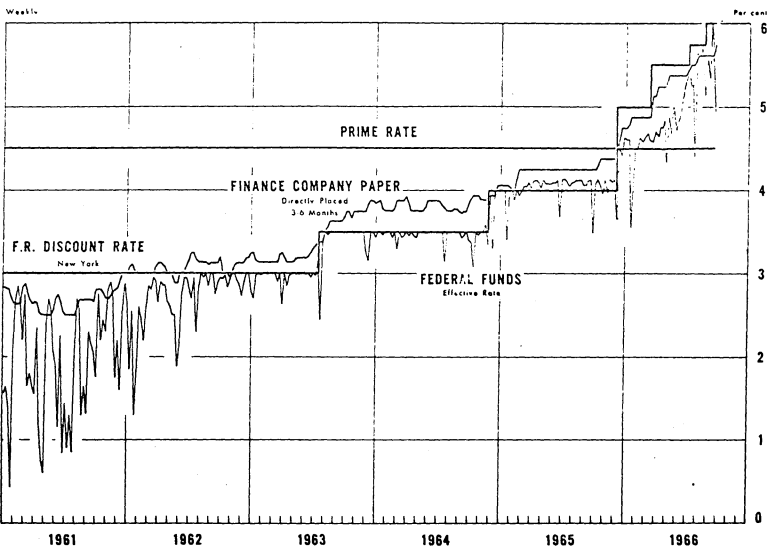
SHORT- AND INTERMEDIATE-TERM INTEREST RATES,  
BANKS AND OTHER PRIVATE BORROWERS

Exhibit D -- Part II

Date	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	5.00	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	6.00(9/23)	5.75(9/23)	6.00(9/9)	.99
Low	5.00(3/4)	4.75(1/7)	3.55(1/21)	.20
Aug. 26	6.00	5.63	5.58	.62
Sept. 2	6.00	5.63	5.35	.56
9	6.00	5.63	6.00	.45
16	6.00	5.63	5.63	.23
23p/	6.00	5.75	4.95	.23

1/ 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.

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

Billions of dollars

1941-43 average=10

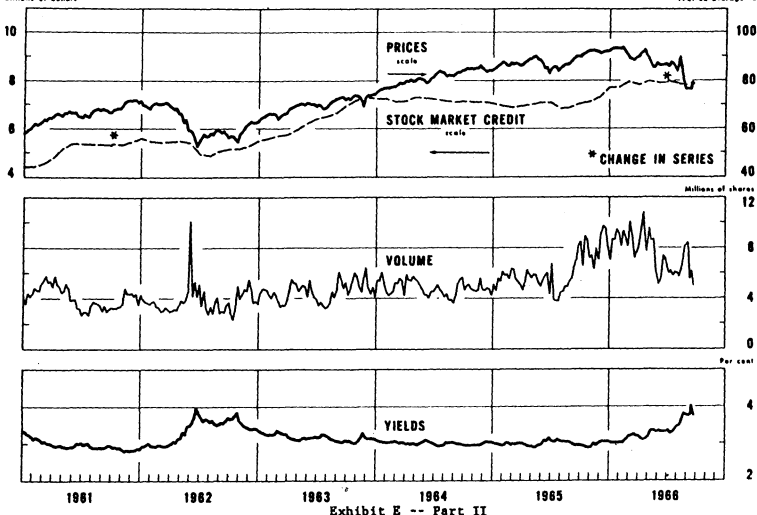


Exhibit E -- Part II

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)	2.82	10.1	5,604(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)
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	7,997	5,835	2,241(7/6)
Low	76.41(9/9)	4.04	5.0	7,726	5,551	2,137(5/27)
July	85.83	3.37	6.0	7,870 <sub>F</sub>	5,667 <sub>F</sub>	2,203
Aug.	80.65	3.60	7.1	7,811	5,609	2,202
Sept. 9	76.41	3.80	5.6	n.a.	n.a.	2,187
Sept. 16	79.09	4.04	6.2	n.a.	n.a.	2,176
Sept. 23p/	78.39	3.74	5.0	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. Year-end figures are averages of daily figures for the year.

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

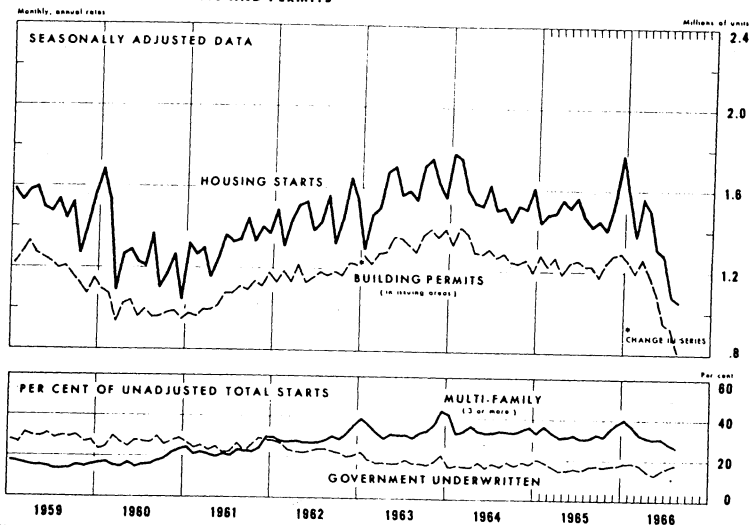


Exhibit F - Part II

Date	Starts						Building permits (seasonally adjusted annual rate) 2/	
	Total		Unadjusted					
	Seasonally adjusted annual rate	Unadjusted	Type of financing			Type of housing		
		FHA	VA	Other	1-2 family	Multi-family		
(Thousands of units)								
1965 - Aug.	1,422	135	18	5	112	93.0	41.6	1,228 $\frac{1}{2}$
Sept.	1,453	124	17	4	103	83.9	40.4	1,180
Oct.	1,411	134	18	4	112	91.0	42.6	1,244 $\frac{1}{2}$
Nov.	1,547	116	16	4	96	75.0	41.0	1,280 $\frac{1}{2}$
Dec.	1,769	102	15	3	84	63.3	39.0	1,292 $\frac{1}{2}$
1966 - Jan.	1,611	85	13	3	69	50.8	33.8	1,255 $\frac{1}{2}$
Feb.	1,374	78	12	2	64	49.3	28.9	1,197 $\frac{1}{2}$
Mar.	1,569	126	19	3	104	85.4	40.9	1,268 $\frac{1}{2}$
Apr.	1,502	147	18	3	126	100.3	46.8	1,185
May	1,318	135	14	4	118	92.5	42.9	1,098
June	1,285 $\frac{1}{2}$	128 $\frac{1}{2}$	15	4	108 $\frac{1}{2}$	87.9 $\frac{1}{2}$	39.7 $\frac{1}{2}$	954
July	1,081 $\frac{1}{2}$	103 $\frac{1}{2}$	13	4	86 $\frac{1}{2}$	74.1 $\frac{1}{2}$	29.2 $\frac{1}{2}$	921 $\frac{1}{2}$
Aug.	1,057	101	14	4	83	74.2	26.4	808

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 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

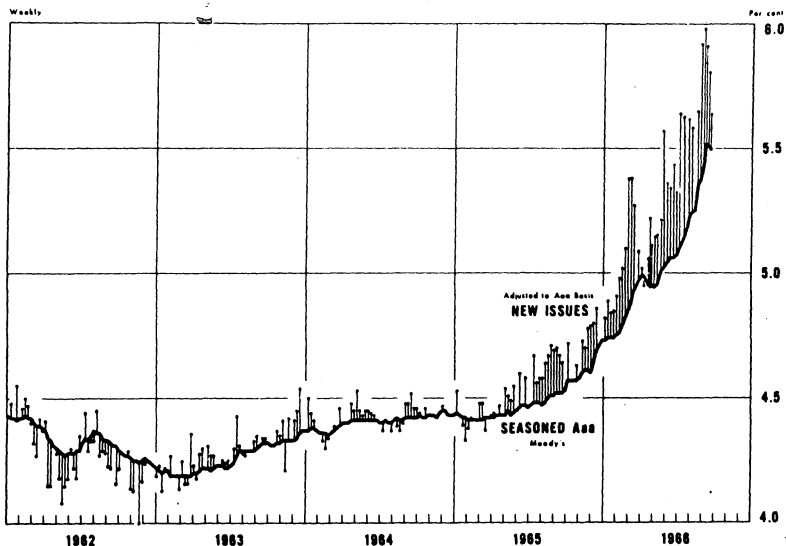


Exhibit G - Part II

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

	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 averages:</b>							
1966 - Jan.	8	300.0	4.84	Aug. 5	2	280.0	5.58
Feb.	10	304.5	4.98	12	--	--	--
Mar.	9	513.0	5.13	19	2	145.0	5.65
Apr.	13	452.3	5.08	26	1	80.0	5.92
May	7	341.0	5.21	Sept. 2	1	175.0	5.98
June	11	596.0	5.38	9	1	50.0	5.91
July	5	155.0	5.62	16	1	15.0	5.81
Aug.	5	680.0	5.70	23	1	8.0	5.69*
Sept.				30			
<b>Weekly averages:</b>							
High		5.98 (9/2)					
Low		4.82(1/7)					

Notes: 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/		
	1966	1965	1964	1966	1965	1964
January	1,302	795	938	p/1,183	804	947
February	1,237	746	700	p/ 900	872	776
March	2,446	1,197	778	p/ 868	904	810
April	1,553	1,152	2,237	p/1,186	826	1,242
May	1,058	1,691	1,095	p/ 918	924	667
June	2,364	1,946	1,405	p/1,094	972	903
July	p/1,046	1,290	812	e/ 650	986	906
August	e/1,725	850	680	e/ 750	648	780
September	e/1,600	1,392	1,130	e/ 975 ✓	966	892
October		924	953		794	801
November		1,325	669		1,021	529
December		1,496	1,642		754	948
1st quarter	4,985	2,738	2,416	p/2,952	2,580	2,533
2nd quarter	4,974	4,789	4,738	p/3,197	2,722	2,811
3rd quarter	4,371	3,533	2,621	e/2,375 ✓	2,600	2,578
4th quarter		3,745	3,264		2,569	2,278
1st half	9,959	7,527	7,153	p/6,148	5,302	5,345
Three quarters	14,330	11,060	9,775	e/8,524 ✓	7,902	7,923
Year		14,805	13,038		10,471	10,201
	<b>Excluding finance companies 3/</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	5,094	1,774	2,586	734	345	1,860	969	602	1,553
II	5,115	1,941	2,083	1,090	168	2,205	960	392	1,818
III									
1965 - 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. 3/	1,339	460	692	187	93	353	388	141	420
Feb.	1,273	560	583	130	118	530	241	160	306
Mar.	2,482	753	1,311	417	133	977	340	301	827
Apr.	1,582	628	743	210	86	692	364	76	421
May	1,106	481	556	69	33	376	274	40	368
June	2,427	832	784	811	49	1,137	322	276	629
July e/	1,285	460	600	125	n.a.	500	230	40	475
Aug. e/	1,775	1,225	450	100	n.a.	675	300	275	475
Sept.									

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.

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	12	218	4	--	--	--
February	40	--	82	503	129	--
March	40	38	69	410	185	--
April	66	73	30	392	325	--
May	69	--	75	699	--	--
June	76	91	26	1,030	775	275
July	72p/	33	20	1,084p/	--	260
August	n.a.	74	13		239	160
September		5	7		150	--
October		52	180		375	510
November		75	72		375	--
December		2	58		179	--
Jan. - Aug.	n.a.	527	319	n.a.	1,653	695
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	103	238	103	308	-137	-308
February	39	91	236	-24	-174	-336
March	-319	-458	-407	450	117	23
April	580	647	442	718	-11	97
May	462	204	81	85	509	183
June	-334	-82	-80	284	237	239
July	-103p/	119	-9	-590	132	-333
August	331p/	408	127	n.a.	206	167
September		152	176		105	1
October		59	7		-309	525
November		274	-15		202	113
December			-208		-76	-3
Jan. - Aug.	759p/	1,167	493	n.a.	879	-268
Year		1,286	453		801	368

p/ Preliminary. a/ 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)**

	<b>Corporate</b>				<b>State and local governments</b>	<b>Other 2/</b>
	<b>Total</b>	<b>Bonds (other than convertibles)</b>	<b>Convertible bonds</b>	<b>Stocks</b>		
1965 - 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	399	55
Apr.	643	481	55	106	720	60
May	401	351	50	--	466	--
June	1,317	636	20	661	582	275
July	402	170	182	50	338	15
Aug.	1,189	862	247	80	410	--

Large Individual Issues Offered Sept. 1 thru 23

<b>Issuer</b>	<b>Type 3/</b>	<b>Amount (millions of dollars)</b>	<b>Maturity</b>	<b>Coupon rate or net interest cost</b>	<b>Offering yield</b>	<b>Rating</b>
<b>Corporate</b>						
Northwestern Bell Tel. Co.	Deb.	50.0	2001	6	5.91	Aaa
Aluminum Co. of America	Conv. sub. deb.	125.0	1991	5-1/4	5.25	Baa
Burlington Industries Inc	Conv. sub. deb.	40.0	1991	5	5.00	Baa
Boeing Co.	Conv. sub. deb.	130.0	1991	5-1/2	5.50	--
Iowa Elec. Lt. & Pwr. Co.	1st mtg. bds.	15.0	1996	6-1/4	6.12	A
Consolidated Cigar Corp.	S. F. deb.	15.0	1991	6-1/2	6.50	Baa
Cenco Instruments Corp.	Conv. deb.	15.0	1986	5-1/4	5.25	Ba
Ampex Corp.	Conv. sub. deb.	30.0	1991	5-1/4	5.25	Ba
<b>State &amp; Local Govt.</b>						
Colo. River Mun. Wtr. Dist., Texas	Rev.-Ut.	30.0	1996	n.a.	4.90	Baa
Puerto Rico Water Resources Auth.	Rev.-Ut.	32.0	1968-99	4.59	4.50	A
Puerto Rico Aqueduct & Sewer Auth.	Rev.-Ut.	4.1	1971-86			
	Rev.-Ut.	13.9	2002	4.57	4.50	A

## Large Individual Issues Offered September 1 thru 23 (Cont'd)

Issuer	Type <sup>3/</sup>	Amount (millions of dollars)	Maturity	Coupon rate or net inter- est cost	Offer- ing Yield	Rating
<b>State and Local Govt. (Cont'd)</b>						
La. Cap. Const. & Imp. Comm.	G.O.	15.0	1967-86	4.65	4.35-4.50 <sup>4/</sup>	A
Memphis, Tenn.	G.O.	20.0	1967-91	3.95	3.85-3.90 <sup>5/</sup>	Aa
Public Housing Authorities	Bonds	119.9	1967-2007	3.87	3.70-3.85 <sup>5/</sup>	Aaa
Phila Sch. Dist., Pa.	G.O.	25.0	1968-90	4.34	4.25-4.30	A
State of Massachusetts	G.O.	46.9	1967-2015	4.23	4.10	Aa
Los Angeles Dept. of Wtr. & Pwr., California	Rev.-Q.-Ut.	30.0	1967-96	4.47	4.25-4.35	Aa
New Jersey Turnpike Auth.	Rev.-Q.-Ut.	179.0	2006	4.80	4.75	--
Fla. State Bd. of Education	G.O.	25.0	1967-96	4.31	4.20	Aa
<u>Other</u>						
Quebec Hydro Elec. Comm.	Deb.	40.0	1991	6-1/4	6.25	--
Govt. of New Zealand	Bonds	10.0	1976	7	7.28	--

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

- <sup>1/</sup> Includes corporate and other security offerings of \$15 million and over; State and local government security offerings of \$10 million and over.
- <sup>2/</sup> Includes foreign government and International Bank for Reconstruction and Development issues and non-guaranteed issues by Federal Agencies.
- <sup>3/</sup> 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.
- <sup>4/</sup> Bonds due 1991 not publicly reoffered.
- <sup>5/</sup> Bonds due 1967-72 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 2/	Corporate	State and local govt.	Other 2/
1965 - Aug. 31	312	404	--	636	450	--
Sept. 30	206	269	15	303	331	15
Oct. 29	412	343	25	389	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
May 31	1,261	584	30	1,261	584	85
June 30	317	337	15	619	353	50
July 29	677	403	--	697	403	35
Aug. 31	662	515	40	853	685	90

Forthcoming Large Offerings as of September 23

Issuer	Type	Amount (millions of dollars)	Approximate date of offering
<b>Corporate</b>			
Kimberly Clark	S. F. deb.	45.0	Sept. 28
Southern Bell Tel. & Tel. Co.	Deb.	100.0	Sept. 28
General Tel. Co. of Calif.	1st mtg. bds.	45.0	Sept. 29
Public Serv. Co. of New Hamp.	1st mtg. bds.	17.0	Sept. 30
LTV Aerospace Corp.	Sub. deb.	50.0	Sept.
Texas Instruments, Inc.	Com. stk.	55.0	Oct. 3 (rts. ex.)
Cameron Iron Works, Inc.	Conv. sub. deb.	25.0	Oct. 4
Jersey Central Pwr. & Lt. Co.	Deb.	15.0	Oct. 5
Columbia Gas System	Deb.	40.0	Oct. 7
United Aircraft Corp.	Conv. sub. deb.	60.7	Oct. 10 (rts. ex.)
Idaho Pwr. Co.	1st mtg. bds.	30.0	Oct. 12
Alabama Pwr. Co.	1st mtg. bds.	33.5	Oct. 14
Wisc. Gas Co.	1st mtg. bds.	18.0	Oct. 19
Illinois Pwr. Co.	1st mtg. bds.	40.0	Oct. 20

## Forthcoming Large Offerings as of September 23 (Cont'd)

Issuer	Type	Amount (millions of dollars)	Approximate date of Offering
<u>Corporate (Cont'd)</u>			
*Pa. Elec. Co.	1st mtg. bds.	25.0	Oct. 26
*Southern New England Tel. Co.	Deb.	45.0	Oct. 27
*Niagara Mohawk Pwr. Co.	1st mtg. bds.	45.0	Oct. 28
Atchison, Topeka & Santa Fe. Ry.	Eq. tr. cert.	50.0	Indefinite
*Gamble-Skogmo, Inc.	Notes	30.0	Indefinite
<u>State and Local Govt.</u>			
San Francisco, California	G.O.	25.6	Sept. 26
*Wisc. State Agencies Bldg. Corp.	Rev.-Rent.	26.7	Sept. 27
Santa Monica Unif. S. D., Calif.	G.O.	14.8	Sept.
*New York State Dorm.Auth.	Rev.-Rent.	17.4	Oct. 4
St. Louis & St. Louis Co., JCD,Mo	G.O.	10.0	Oct. 5
*State of Oregon	G.O.	15.0	Oct. 5
*Orleans Parish Sch. Bd., La.	G.O.	16.5	Oct. 11
Los Angeles County Flood Control Dist., California	G.O.	55.0	Oct. 11
Omaha Pub. Pwr. Dist., Neb.	Rev.-Q.-Ut.	25.0	Oct. 13
*Greater New Orleans Expressway Auth.	Rev.-Q.-Ut.	74.0	Oct. 18
Oklahoma Turnpike Auth.	Rev.-Q.-Ut.	160.0	Indefinite
<u>Other</u>			
Republic of Ireland	Bonds	20.0	Indefinite
Nippon Tel. & Tel. Pub. Corp.	Bonds	15.0	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; Minn. State College Board \$11.0 million G.O. issue--no bids received and Tulsa, Oklahoma, \$18.2 million G. O. issue--no bids received.

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 July 1 through September 23
7/7	15.0	Govt. of Mexico--6-7/8% bonds, maturing 1981, reoffered to yield 7.26%.
7/14	40.0	Quebec Hydro Elec. Commission--6-1/4% debentures, maturing 1991, reoffered to yield 6.25%.
9/21	10.0	Government of New Zealand--7% bonds, maturing 1976, reoffered to yield 7.28%.***

B. Prospective Offerings

Indefinite	20.0	Republic of Ireland--bonds
Indefinite	15.0	Nippon Telegraph and Telephone Public Corp--bonds

\*--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 July 1 through September 30

Date Reported	Amount (millions of dollars)	Issuer and Description of Issue
7/6	31.0	Steep Rock Iron Mines, Ltd.--6% 1st mtg. bds., maturing 1987--no information available on takedown.
7/26	50.0	Great Canadian Oil Sands, Ltd.-- % notes, maturing 1991--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 taken down, 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 takedown. Full or partial takedowns may take place both prior and subsequent to the date a placement is reported.