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AUC 16 1967
FEDERAL RESERVE FAUX
OF RICHMOND IN THE UNITED STATES

August 14, 1967.

Corporate and municipal bond markets. Public offerings of new corporate securities this week will be somewhat above the average weekly volume over the past year while new municipal offerings will be about average in volume. The largest corporate issue will be Mountain States Telephone and Telegraph's \$85 million of debentures, and the largest municipal issue will be a \$60 million offering of North Carolina highway bonds.

Long-term Public Security Offerings 1/
(In millions of dollars)

	Corpor	ate	State & loca	Governme	nt
	New Capital	Refunding	New Capital	Refundir	g
		Y			2.
Sold:					
52 week avg.	294		128	6	
July 28	502	••	135 128		
Aug. 4 Scheduled:	511	••••••••••••••••••••••••••••••••••••••	120		
August 18	390		208		

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

Yields on new corporate bonds issued last week were slightly above comparable bonds offered a week earlier. Investor response to last week's new issues was mixed, as two of the four nonconvertible offerings have sizable unsold balances. The relatively small unsold balance of American Telephone and Telegraph's August 1 debenture offering was released from underwriters price restrictions last week, and in free market trading the yield was little changed from the initial reoffering yield of 5.95 per cent.

Yields on seasoned municipal bonds were unchanged last week. New issues were aggressively priced and failed to attract substantial investor interest -- less than one-half of the new issues were taken out of the market by Friday.

Standard and Foor's index of 500 stocks closed the week at 95.15, down .68 points from the all-time high registered a week earlier. Trading volume averaged 9.6

Yields in Security Markets

Level Latest Week

	igh-Grade otes and Bonds				nge from ding week
	Corporate				•
	New	5.84		+	2
	Seasoned	5.58	*	• -	1
. * •	U.S. Government				
	Long-term	4.95		+	4
	3-5 year	5.25		+	9
	State and local Govt.				
	Moody's Aaa	3.75	and the second		0
	Std. & Poor's high grade	3.96			0
	Money Market				
	Federal funds Treasury bills	4.05		+	25
	3-month	4.17		. +	2
	6-month	4.79		+	12

Corporate Bonds Still in Syndicate

Date Offered	Amount (Millions of \$)	<u>Issuer</u>	Reoffering Yield	Rating	Estimated pro- portion sold
8/8	35.0	Toledo Edison Co., 6-1/8's - 1997	6.05	Да	75%
8/8	18.0	National Fuel Gas Co. 6-1/4's - 1992	6.23	Aa	3 5%

Blue List of Municipal Dealers' Advertised Inventories

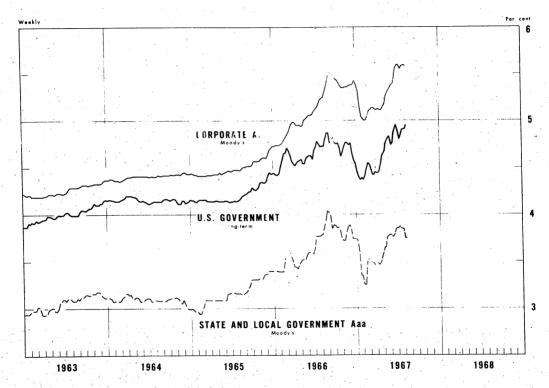
Latest Week		 End of Previous Week	Recent High
337 (8/8/67)	•	325	849(4/26/67)

million shares a day, with four out of the five days shortened to four hours trading.

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

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

LONG-TERM BOND YIELDS, HIGH-GRADE



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Exhibit A -- Part II

	Corporate	U.S. Govt.	State and local	Spread b	
Date	Aaa <u>1</u> /	long-term 2/	government Aaa 3/	Corporate Aaa	State and local Aaa
		(per c	ent)		
1959-60 - High 1966 - High - Low 1967 - High - Low	4.61(1/29/60) 5.52(9/9) 4.73(1/7) 5.59(8/4) 5.00(2/10)	4.42(1/8/60) 4.87(9/2) 4.42(1/7) 4.95(8/11) 4.37(2/3)	3.65(9/24/59) 4.04(8/25) 3.39(1/13) 3.87(7/13) 3.25(2/9)	.59(8/5/60) .84(12/30) .14(2/18) .92 .44	.92(4/22/60) 1.19(2/11) .77(9/2) 1.20 .74
July 14 21	5.59 5.56	4.80 4.84	3.87 3.85 3.85	.79 .72 .67	1.07 .99 1.05
28 Aug. 4 11 <u>p</u> /	5.57 5.59 5.58	4.90 4.91 4.95	3.75 3.75	.68 .63	1.16 1.20

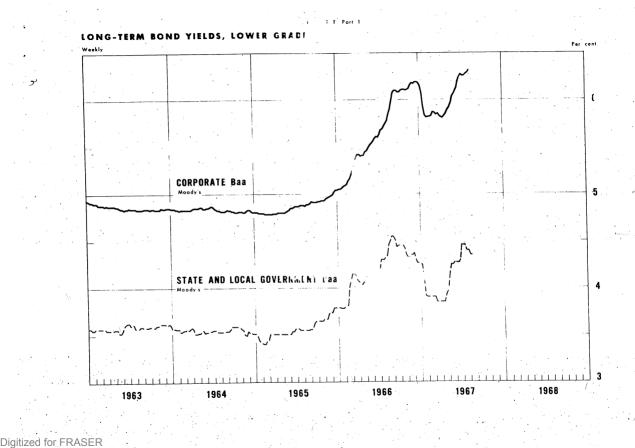
p/ Preliminary.

^{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

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.



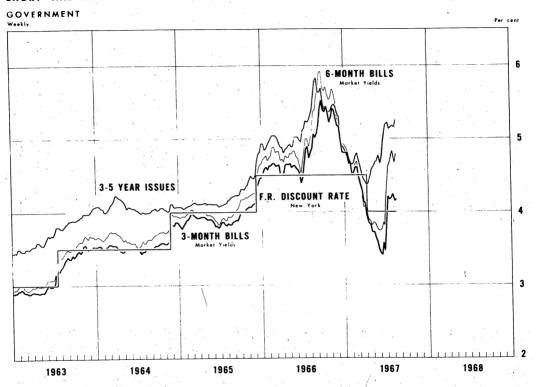
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Exhibit B -- Part II

	Corporate	State and local govt.	Spread Aaa an	between d Baa
Date	Baa <u>1</u> /	Baa <u>3</u> /	Corporate	State and local govt.
	(per cent)		
alega ale in the first				
1959-60 - High	5.36(2/12/60)	4.46(1/7/60)	•84	1.08
Year end- 1965	5.04	3.79	.31	.39
1966 - High	6.18(12/30)	4.55(8/25)	.81	.62
Low	5.05(1/14)	3.78(1/20)	.31	.31
1967 - High	6.32(8/11)	4.46(7/14)	.82	.65
Low	5.81(4/14)	3.85(4/13)	.65	.37
July 14	6.26	4.46	.67	. 59
21	6.26	4.40	.70	.55
28	6.27	4.40	.70	. 55
Aug. 4	6.29	4.35	.70	.60
11p/	6.32	4.35	. 74	.60

Note: For footnotes see Exhibit A.

SHORT- AND INTERMEDIATE-TERM INTEREST RATES



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Exhibit C -- Part II

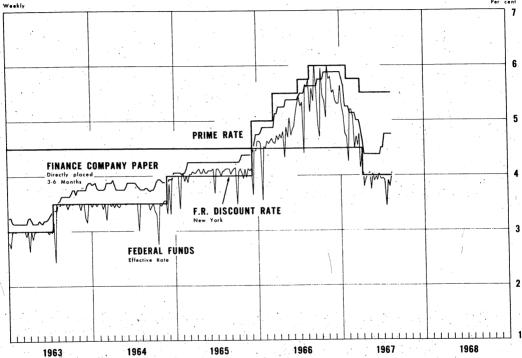
	Discount		Yields		Spread betwee	n yields on
Date	rate	3-month	6-month		3-mo. bills a	
	1/	bills 2/	bills 2/	issues 2/	6-mo. bills	3-5 yr. issues
			(per cent)			
1959-60 - High	4.00	4.59(1/8/60)	5.07(1/8/60)	5.00(12/24/59	79	1.81
Year end - 1965	4.50	4.47	4.66	4.90	.19	. 43
1966	4.50	4.80	4.92	4.86	.12	.06
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	.01
1967 - High	4.50	4.81(1/13)	4.88(1/6)	5.25(8/11)	.62	1.61
Low	4.00	3.41(6/9)	3.74(6/2)	4.36(4/7)	.01	. 02
July 14	4.00	4.17	4.67	5.14	. 50	.97
21	4.00	4.19	4.76	5.16	. 57	.97
28	4.00	4.24	4.82	5.18	. 58	. 94
Aug. 4	4.00	4.15	4.67	5.16	. 5 2	1.01
11p/	4.00	4.17	4.79	5.25	.62	1.08

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

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

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





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Exhibit D -- Part II

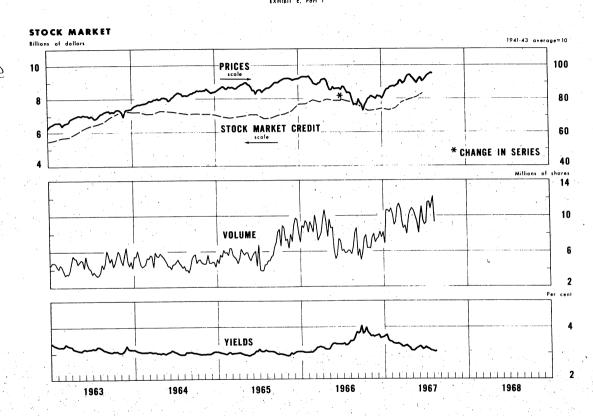
Date	Prime rate <u>1</u> /	Finance company paper 2/	Federal funds <u>3</u> /	Spread between 3-mo. bills and finance co. paper
		(per cent	:)	441
1959-60 - High	5.00	5.13(1/22/60)	4.00(5/13/60)	1.02
Year end- 1964	4.50	4.06	4.00	.23
1965	5.00	4.75	4.63	. 28
1966	6.00	5.88	5.63	1.08
1966 - Low	5.00(3/4)	4.75(1/7)	3.55(1/21)	.20
1967 - High	6.00(1/6)	5.75(1/6)	5.25(1/6)	. 97
Low	5.50(8/11)	4.38(6/23)	3.45(7/21)	. 30
July 14	5.50	4.75	3.90	. 58
21	5.50	4.75	3.45	. 56
28	5.50	4.75	3.90	. 51
Aug. 4	5.50	4.75	3.80	.60
11p/	5.50	4.75	4.05	. 58

^{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.

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.



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Exhibit E -- Part II

n Tradin		t customer cr	edit
$\begin{array}{c c} k & volume \\ ls \underline{2}/ & (millicent) & of sheet \\ \end{array}$	3/ ons Total	Customers' debit bal- ances 4/	Bank
	(In mill	ions of dolla	rs)
2 10.1 5 2.4 1 10.7 7 0 5 12.1 6.9	5,602(12/61) 4,424(1/61) 7,997 7,302 8,333 7,345		1) 1,418(5/9/62) 1) 1,161(3/8/61) 2,241(7/6) 2,097(12/14) 2,204(6/7) 2,055(2/1)
9.7 10.8 10.8	8,333 n.a. n.a. n.a.	6,166 n.a. n.a. n.a.	2,167 n.a. 2,197 <u>r</u> /2,196
5	12.1 9.3		

n.a. Not Available. p/ Preliminary.

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.

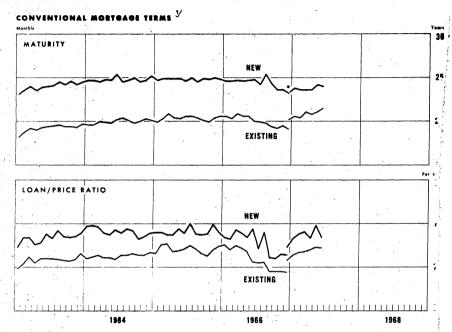
3/ Averages of daily trading volume on the New York Stock Exchange. Year-end figures are averages of daily figures for the year.

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.

^{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.

EXPIBIT P. Part II



*CHANGE IN SERIES

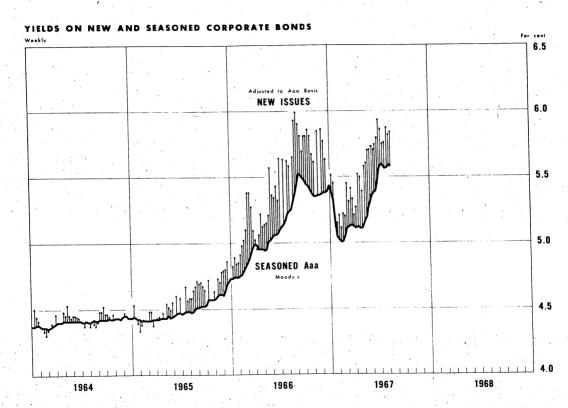
Exhibit F

		N	ew Homes	<u> </u>			Exi	sting Hom	es		<u> </u>
	Con-	Fees &		Loan/	Loan	Con-	Fees &		Loa	n/	Loan
1	tract	Charges	Maturity	Price	amt.	tract	Charges	Maturity	Pri	ce	amt.
ţ	Rate	(Per	(Years)	ratio	(Thous.)	Rate	(Per	(Years)	rat	io	(Thous.)
	(Per	cent)		(Per		(Per	cent)		(Pe	r	
	cent)	2/		cent)		cent)	2/		cen	t)	
.966											14.
June	6.07	. 57	24.8	74.4	19.7	6.18	.47	20.0	70.	6	14.7
July	6.12	.67	24.2	72.1	19.3	6.24	. 52	19.9	70	5	14.3
Aug.	6.18	.83	25.4	74.0	20.1	6.35	.61	19.8	70	6	14.7
Sept.	6.22	.83	24.3	71.1	19.0	6.40	.64	19.4	69	5	14.0
Oct.	6.32	.80	23.6	71.0	19.2	6.49	.71	19.2	69	5	14.1
Nov.	6.40	.89	23.6	71.5	18.7	6.50	.74	19.5	69	5	14.1
Dec.	6.44	. 91	23.2	71.4	18.6	6.52	. 70	19.1	69	4	13.8
Dec.*	6.49	1.26	23.3	72.3	18.5	6.55	.81	20.2	70	8	14.7
.967											
Jan.	6.47	1.17	23.8	73.3	19.3	6,54	. 78	20.6	71.	4	15.2
Feb.	6.44	1.07	23.6	73.8	18.0	6.49	.75	20.4	71		15.2
Mar.	6.41	1.06	23.6	74.1	18.7	6.44	. 77	21.1	71.		15.4
Apr. r/	6.37	. 99	23.6	73.3	18.5	6.36	.72	20.8	72		15.4
May .	6.28	r/.96	24.2 r	/74.8	19.4	6.31			/72.		r/15.9
June	6.29	. 94	24.0	73.4	19.1	6.30	.70	21.5	72.		16.4

New Series

2/ Fees and charges--expressed as a percentage of the principal mortgage amount-include loan commissions, fees, discounts, and other charges which provide added income to the lender and are paid by the borrower. They exclude any closing costs related solely to transfer of property ownership.

^{1/} Compiled by Federal Home Loan Bank Board in cooperation with Federal Deposit Insurance Corporation. Data are weighted averages based on probability sample survey of characteristics of conventional first mortgages originated by major institutional lender groups, (including mortgage companies) for purchase of single family homes. Data exclude loans for refinancing, reconditioning, or modernization; construction loans to home-builders; and -- in this exhibit -- permanent loans which are coupled with construction loans to owner-builders. Data are still in a developmental stage and may reflect seasonal influences which cannot yet be measured because the series go back only to end of 1962. Related series on conventional mortgage rates only, based on unweighted opinions of regional-office directors of the Federal Housing Administration, are available somewhat sooner than the results of FHLBB-FDIC survey, and are included -- in the case of new home mortgage rates -- in Exhibit F. Parts I and II.



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	Number	Am't. of issues	Average		Number	Am't. of issues	Average
	of	included (mill.	vield		of	included (mill.	yield
	issues	of dollars)	(per cent)		issues	of dollars)	(per cent)
Monthly averages:			. ,				
1967 - Jan.	6	496.0	5.38	June 2	3	51.0	5.74
Feb.	7	481.0	5.20	9	6	294.0	5.72
Mar.	20	1073.0	5.31	16	7	168.0	5.74
Apr.	20	916.0	5.39	23	5	255.0	5.79
May	14	570.0	5,66	30	2	225.0	5.92
June	23	993.0	5.79				
July.	14	772.0	5.78	July 7	1	75.0	5.86
	1			14	4	282.0	5 . 75
	i .	* .		21	6	300.0	5.76
	1.0			28	3	115.0	5.87
				Aug. 4	2	310.0	5.82
Weekly averages:	1			11	4	283.0	5.84
High		5,92(6/30)					
Low		5.11(2/10)		1		1	1 1-0

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 Aaarated 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 Ca	pital		
		Corporate .			e and local	2/
	1967	1966 p/	1965	1967	1966 p/	1965
]	1 10/	804
January	1,648	1,302	795	1,461	1,184	
February	1,399	1,237	746	1,176	858	872
March	2,317	2,446	1,197	1,426	868	904
Marcii			-].		1. 1.
	p/1,952	1,553	1,152	1,082	1,211	826
April	p/1,459	1,058	1,691	p/1,147	901	924
May	e/2,400	2,364	1,946	P/1,416	1,141	972
June	E/2,400	2,504	-,-	~		
	e/2,475	1,039	1,290	e/ 925	701	986
July	e/2,250	1,670	850	e/ 950	773	648
August		1,382	1,392	<u>e</u> /1,050	1,020	966
September	<u>e</u> /1,750	1,302	1,372	2, 2,000		
		829	924	1	735	794
October			1,325	1 1 2	969	1,021
November		1,096		4 4 4	940	754
December		1,635	1,496			, , ,
			0.700	4,063	2,910	2,580
1st Quarter	5,364	4,985	2,738	p/3,645	3,235	2,722
2nd Quarter	<u>e</u> /5,811	4,974	4,789		2,494	2,600
3rd Quarter	<u>e</u> /6,475	4,091	3,533	<u>e</u> /2,925	2,664	2,569
4th Ouarter		3,550	3,745		2,004	2,505
				17 700	c 145	5,302
1st half	<u>e</u> /11,175	9,959	7,527	e/7,708	6,145	
Three quarters	e/17,650	14,050	11,060	<u>e</u> 710,633	8,640	7,902
Year	-	17,601	14,805		11,303	10,471
		111				
	Excluding	finance con	npanies <u>3</u> /	1	· ·	
				1		
1st Quarter	5,207	4,924	2,547	1		
2nd Quarter	-	4,884	. 4,348			•
3rd Quarter	1	3,969	3,283			
4th Quarter		• 1	3,188	1.		
, \	1			-1		
Year	.(17,269	13,366	1		
1001	1					

e/ Estimated by Federal Reserve.

p/ Preliminary. 1/ Securities and Exchange Commission estimates of net proceeds.

^{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 and consumer finance companies.

Exhibit I

New Corporate Security Issues, Type of Issue and Issuer

(In millions of dollars)

Quarter			s proceeds and refund		w capital			proceeds capital 1/	2/	
or Month	Total	Bon		Common	Memo: Foreign issues included	Mfg.	Public Utility	Communi- cations	Other Issuers	
1966 - II III IV	5,115 4,197 3,669	2,256	2,083 1,627 1,247	1,090 314 375	168 154 117	2,205 1,558 1,232	960 657 984	392 567 417	1,418 1,309 918	
1967 - I II <u>e</u> /	5,464 5,973		1,811 1,324	390 666	60 19	2,442 2,566	997 1,222	543 499	1,382 1,592	
1966 - July Aug. Sept. Oct. Nov. Dec.	1,085 1,712 1,400 892 1,115 1,661	1,140 676 499 569	535 435 657 256 435 555	110 137 67 137 111 127	69 22 62 66 27 24	397 518 643 331 228 673	263 313 81 254 320 409	52 318 198 197 168 152	327 522 460 147 369 401	
1967 - Jan. Feb. Mar. Apr.p/ May p/ June e. July e.		900 1,618 1,368 965 1,650	848 362 601 393 381 550 450	91 156 143 234 157 275 200	35 10 15 11 .8 n.a.	624 563 1,254 1,123 568 875 1,200	220 274 503 395 402 425 450	293 105 145 107 92 300 25	511 456 415 327 397 800 800	

p/ Preliminary. e/ Estimated by Federal Reserve.

/ 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)

		G	ross Long-ter	m 1/		
	Fo	reign Governm			ral Agency	3/
	1967	1966	1965	1967	1966	1965
				1 051		
January	130	12	218	1,251		
February		40		783	503	129
March	114	40	38	750	410	185
April	27	66	73	650	392	325
May p/	13	69		810	699	
June	- 1	76	91		1,030	775
July		72	33		1,084	
August	: }	7	74.		799	239
September	. 1	50	5		400	150
October	1	23	52		450	375
November	. 1	74	52 75	1	800	375
December		68	2		239	179
Jan May	284	158	329	4,244	1,305	639
Year	4	598	661		6,806	2,732
Icai	.	290	001		0,000	2,732
			New	short-term	4/	
	State	and local Go			deral Ager	ncy 3/
January	179	103	238	-179	308	-137
February	<u>p</u> / 378	39	91	-552	-24	-174
March	p/-678	-319	-458	-454	450	11.7
April	p/ 818	580	647	-559	718	-11
May	p/ 818 p/ 404	462	204		85	509
June	P/-185	-334	- 82		284	237
July	-	-103	119		-590	132
August	1	270	408		~270	206
September	1	-161	152		~652	105
October		-48	59 .		-555	-309
November		503	274		-283	202
December	.1	- 570	-366		219	-76
Jan June	P/ 917	403	518	-1,744	1,452	- 205
Year		422	1,286		-748	801

p/ Preliminary. e/ Estimated by Federal Reserve. n.a.—Not available. 1/ These dat 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 subdividions and international organizations. Source: Securities and Exchange Commissio;

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 PHA notes included may have a somewhat longer maturity than 1 year. Source: Bond Buyer & Federal sections and the process of the section o

Exhibit K

Large Long-term Public Security Issues for New Capital (Other than U. S. Treasury) $\underline{1}/$

Proceeds of Large Issues Offered (In millions of dollars)

		Corpor	ate		State	
	Total	Bonds (other than convertibles)	Convertible bonds	Stocks	and local governments	Other <u>2</u> /
966 - July	402	170	182	50	338	15
Aug.	1,189	862	257	80	410	
Sept.	627	287	340		611	50
Oct.	523	352	116	55	387	
Nov.	510	363	97	50	464	55
Dec.	1,177	990	118	68	779	60
.967 - Jan.	681	611	30	40	947	230
Feb.	842	709	40	93	675	530
Mar.	1,638	1,435	140	63	669	1,000
Apr.	1,311	956	213	142	512	540
May	870	771	55	44	496	391
June	1,666	1,072	409	185	875	825
July	1,340	890	317	133	483	85

Large Individual Issues Offered July 1 through August 11.

Issuer	Type 3/ (mil	ount lions of lars)	Maturity	Coupon rate or net inter- est cost	Offer- ing yield	Rating
Corporate						
Union Tank Car	Equip. tr.					
UNION TANK CAL	cert.	20.0	1987	. 6	6.05	. A
Leasco Data Processing		_0.0		· •		•
Equipment	Deb. (w./wts.)	25.0	1987	5-3/4	5.75	
American Airlines	Conv. sub. deb.		1992	4-1/2	4.50	Ва
Northern Illinois Gas	1st mtg. bds.	20.0	1992	6	5.90	Aa
American Can	Deb.	75.0	1997	6	6.00	A
Texaco	Deb.	200.0	1997	5-3/4	5.75	Aaa
Foremost-McKesson	Com. stk.	24.0				
Anheuser-Busch	Deb.	50.0	1992	6.00	6.00	A
Combustion Engineering	Deb.	50.0	1992	5.78	5.95	A
Public Service of Colo.	1st mtg. bds.	35.0	1997	5.94	5.88	Aa
Consumers Power	lst mtg. bds.	80.0	1997	5.94	5.88	Aaa
Gulf States Utilities	Pfd. stk.	20.0				
Brooklyn Union Gas	1st mtg. bds.	25.0	1992	6-1/4	6.10	A
Occidental Petroleum	Conv. sub. deb.	100.0	1992	4-3/4	4.75	В

K-Z
Large Individual Issues Offered July 1 through August 11. (Cont'd)

		Amount		Coupon		7.5
	- 21	(millions		rate or	Offer-	D-64
Issuer	Type <u>3</u> /	of	Maturity	net inter-	ing	Rating
		dollars)		est cost	Yield	
Corporate (Cont'd)						
Owens Corning Fiberglass Corp.	Com. stk.	26.0				
Consolidated Edison	1st mtg. bds	80.0	1997	6-1/4	6.25	. A
Consolidated Edison	Pfd. stk.	40.0	4			
Joy Manufacturing	S.F. deb.	20.0	1992	6-1/2	6.50	Baa
Columbia Pictures	Conv. sub. d	leb. 20.0	1987	4-3/4	4.75	В
Florida Power Corp.	1st mtg. bds	. 25.0	1997	6-1/8	6.00	Aa
General Motors Accept. Corp.	Deb.	150.0	1988	6-1/4	6.25	
Northrop Corp.	Conv. sub. d		1987	4-3/4	4.75	
Iowa Elec. Lt. & Pwr. Co.	S.F. deb.	10.0	1992	6-3/8	6.25	A
GATX	Eq. tr. cert		1987	6-1/2	6.50	A
Wilson	Com. stk.	23.0	1907	0-1/2	0.50	
R.C.A.	Conv. sub. d		1992	4-1/2		Bat
					F 05	- 4
American Tel. & Tel.	Deb.	250.0	2000	6 ,	5.95	Aa
Ashland Oil	Deb.	60.0	1992	6.20	6.15	A
Murphy Oil Corp.	Cum. pfd. st					*
National Fuel Gas	S.F. deb.	18.0	1992	6.32	6.23	Aa "
Toledo Edison Co.	1st mtg. bds	. 35.0	1997	6.106	6.05	Aa
Standard Oil of Calif.	S.F. deb.	200.0	1992	5-3/4	5.85	Ae -
Cessna Aircraft Co.	Conv. sub. d	eb. 20.0	1992	3-7/8	3.88	Ва
Baltimore Gas & Electric	1st mtg. bds	. 30.0	1997	6.04	6.00	Ae
Pettibone Mulliken	Conv. deb.	15.0	1987	4-5/8	4.63	Ba L
State and local Government						<u>}-</u>
Wisconsin State Agencies						. P.
Building Corp.	RevRent.	21.4	1967-2004	3.00	n.a.	. Aa }
Wickliffe, Kentucky	RevRent.	80.0	1972-92	5-1/8	4.40-4.7	
Florida State Board of Educ.	1.0.,	, 00.0		, ,,,		· ·
Tallahassee	RevRent.	12.4	1970-88	4.25-4.45	3.60-4.30) Aa
Metro. St. Louis Sewer Dist.,	KevKenc.	12.4	1370-00	4.23-4.43	3.00-4.3	, AL
Missouri	G.O.	14.0	1978-87	3.99	3.20-4.00). j
	Ģ. U.	14.0	19/0-0/	3.77	3.20-4.00	,
Md. National Capital Park		17.0	****			
Planning Commission	G.O.	17.0	1992	4.17	3.20	A
New York City	G.O.	102.0	1998	4.50	4.60	Б•
Kentucky State Property &						
Bldg. Commission	RevRent.	10.7	1970-97	4.90	4.00-4.87	75
Chicago Jr. Coll. Sch. Dist.	G.O.	16.5	1969-87	4.16	3.50-4.15	5 A
MinnSt. Paul Airport Comm.	G.O.	23.0	1970-97	3.95	3.40-4.00) Aa
State of Texas	G.O.	10.0	1972-98 /	, 3.81	3.50-3.80	Ae (
State of California	RevRent.	100.0	1977-2017	4.09	3.75-4.10) Aa
State of Oregon	G.O.	30.0	1972-79	3.81	3.60-3.75	
Alabama Highway Auth.	RevS.T.	25.0	1968-85	4.22	3.25-4.20	
Ohio State University	RevRent.	10.5	1968-2006		3.30-4.50	
Cook County, III.	G.O.	10.0	1968-77	3.92	3.25-3.90	
San Francisco, Calif.						
Jan Flancisco, Calli.	G.O.	45.0	1968-87	3.84	3.10-3.85	Aa;
		•			1	

K-3
Large Individual Issues Offered July 1 through August 11. (Cont'd)

Issuer	Туре <u>3</u> /	Amount (millions of dollars)	Maturity	Coupon rațe or net inter- est cost	Offer- ing Yield	Rati	ng
State & local Govt. (Cont'd)				•			
Modesto Irrigation Dist., California	RevRent.	18.5	1971-2005	<u>5</u> / 5 4.12	3.60-4	. 15	·
Turlock Irrigation Dist., California	RevRent.	28.0	1971-2005	; <u>5</u> / 4.16	3.65-4	. 20	
Phenix City, Ala., Ind. Development	RevRent.	15.0	1989	6.25	6.25		
Washington Sub. Sani. Dist., Hyattsville, Maryland Maryland State Road Comm.	G.O. G.O.	20.0 17.5	1968-97 1968-82	3.927 3.88	3.10-4 3.20-3		A Aa
Lyons Twp. H.S.D. #204, III. New York State Housing	G.O. G.O.	10.5 50.0	1969-86	4.01	3.40-4 3.10-4	.006,	A A Aa
Madison, Wisconsin Other	G.O.	13.4		3.777	3.10-3		Aa
MacMillan Bloedel	Deb.		/ 1992	6-1/2	6.50		A
Canadian Pacific Railroad Lakehead Pipe Line Co. Federal Land Banks	Eq. tr. cer S.F. deb. Bonds	t. 25.0 30.0 71.0	1982 1 99 2 1969	6-3/8 6-1/2 5.60	6.39 6.50 5.60		Aa A

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

- I/ Includes corporate and other security offerings of \$15 million and over; State and local 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 income 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 due 2015-16 were not reoffered.
- 5/ Bonds with a 3-1/2% coupon due 2004-05 were not reoffered.
- 6/ Bonds with a 2% coupon due 2014-17 were not reoffered.
- 7/ Amount reduced from \$40.0 to \$30.0.

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)

	Duris	g month followi	ng	Subsequent to date shown		
	Corporate	State and local govt.	Other 2/	Corporate	State and local govt.	Other
1966 - July 29 Aug. 31 Sept. 30 Oct. 31 Nov. 30 Dec. 30 1967 - Jan. 31 Feb. 28 Mar. 31 Apr. 30 May 31 June 30 July 31	677 662 687 397 1,098 656 486 1,410 767 963 1,449 1,636 1,261	403 515 300 140 496 939 780 508 227 326 596 401	 40 80 530 250 70 100 40	697 853 767 457 1,133 811 706 1,534 905 1,262 2,065 1,922 1,576	403 685 390 175 571 1,154 851 528 247 346 616 402 575	35 90 85 35 65 95 545 265 15 85 115 70

Forthcoming Large Offerings as of August 11.

Locuer	Туре	Amount (millions of dollars)	Approximate date of offering
Corporate Florida Gas Transmission Co. Monongahela Power Mountain States Tel. & Tel. Ohio Power Bemis Co. Hownet Corp. Miles Laboratories, Inc. Interstate Dept. Stores Niagara Mohawk Power Corp. Niagara Mohawk Power Corp. Kimberly - Clark * Transcontinental Gas P.L. Corp. Peoples Gas Light & Coke Co. National Distillers & Chem. Corp. Grumman Aircraft Digiti Georgia Power Co. ttp://Northern.lnd/pebb.Svc. Co.	Conv. deb. 1st mtg. bds. Deb. 1st mtg. bds. Deb. Deb. S.F. deb. Conv. sub. deb. Deb. 1st mtg. bds. Pfd. stk. Deb. Pfd. stk. 1st mtg. bds. Conv. deb. 1st mtg. bds. Conv. deb. 1st mtg. bds. Lst mtg. bds. Conv. Deb. 1st mtg. bds. 1st mtg. bds.	15.0 15.0 85.0 50.0 35.0 20.0 25.0 25.1 20.0 20.0 40.0 25.0 50.0 60.0 50.0	Aug. 14 Aug. 15 Aug. 15 Aug. 16 Aug. 12 Aug. 22 Aug. 22 Aug. 22 Aug. 22 Aug. 23 Aug. 24 Aug. 24 Aug. 28 Aug. 28 Aug. 29 Aug. 30

Federal Reserve Bank of St. Louis

		2		1
Issuer	Туре	Amount (millions of dollars)	Approximate date of	offering
Corporate (Cont'd)				
Aluminum Co. of America	1st mtg. bd	s. 35.0	Aug. 30	
New York Telephone Co.	Deb.	75.0	Sept. 6	
Jersey Central Pwr. & Lt. Company	Bonds	30.0	Sept. 12	
New England Tel. & Tel. Company	Debs.	100.0	Sept. 26 (rts.	exp.)
lanagement Assistance Inc.	Conv. sub.	deb. 26.6	Sept.	
Monogram Industries	Conv. sub.	deb. 25.0	Indefinite	
Harris-Intertype Company	S.F. deb.	25.0	Indefinite	
Armco Steel	S.F. deb.	60.0	Indefinite	
C.I.T. Financial Corporation	Deb.	75.0	Indefinite	
Philadelphia Elec. Company	1st mtg. bds	в. 75.0	Oct. 9	
State and local Government				
*	1			
State of Minnesota	G.O.	20.0	Aug. 15	
Georgia Highway Authority	G.O.	26.0	Aug. 15	
State of North Carolina	G.O.	60.0	Aug. 16	
New Orleans, Louisiana	RevQUt.	15.0	Aug. 16	
Port of Tacoma, Washington	RevQUt.	10.0	Aug. 16	
Lansing Sch. Dist., Mich.	G.O.	14.0	Aug. 17	
Suffolk County Water Auth.	1.	12.0	Aug. 22	
State of Tennessee	G.O.	35.0	Aug. 23	
Kansas City, Missouri	RevRent	53.0	Aug. 23	
Kentucky Turnpike Auth.	RevQUt.	120.0	Aug.	
Fairfax County, Virginia	G.O.	16.0	Sept. 6	
Pa. State Hwy. & Bridge Auth.	RevQUt.	75.0	Sept. 7	
State of Washington		39.9	Sept. 13	21
Othon		•		
Other				
International Bank for Reconstruc-	1		· · · · · · · · · · · · · · · · · · ·	1, 2
tion & Development	Bonds	150.0	Aug. 21	
Nippon Tel. & Tel. Pub. Corp.	Bonds	15.0	Indefinite	
New Zealand	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.

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 June 1 through August 11,1967.
6/1	50.0	Quebec Hydro - Electric Commission 6-1/4% debentures maturing 1993, reoffered to yield 6.29%.
6/14	50.0	British Columbia Power & Hydro Authority 6-1, bonds maturing 1992, reoffered to yield 6.25%
6/22	40.0	City of Montreal, Canada 6-3/8% S. F. debentures maturing 1992, reoffered to yield 6.50%.
6/27	35.0	Province of Nova Scotia, Canada 6-1/4% S. F. debentures maturing 1992, reoffered to yield 6.45%.
7/19	30.0	MacMillan Bloedel 6-1/2% S. F. debentures maturing 1992, reoffered to yield 6.50%.
7/19	25.0	Candian Pacific Railway 6-3/8% equipment trust certificates maturing 1982, reoffered to yield 6.39%.
7/26	30.0	Lakehead Pipeline Company 6-1/2% S.F. debentures maturing 1992, reoffered to yield 6.50%.
		B. Prospective Offerings
Indefinite	15.0	Nippon Telegraph and Telephone Public Corp Ronds
Indefinite	15.0	New Zealand Bonds ***
August 21	150.0	International Bank for Reconstruction and Development Bonds

^{* -} Included in table for first time.

^{** -} Issues sold to investors outside of U.S.

^{*** -} Issue subject to interest equalization tax.

PART II: Private Placements - Reported July 1 through August 11, 1967.

	Date Reported	Amount (millions of	Issuer and Description of Issue	
		dollars)		
	•			
	7/24	40.0	Electric Reduction Company of Canada Ltd lst mtg. bds. and debentures maturing 1986 no information available on takedown.	-
7	7/25	4.5	Dunlop Canada Ltd debentures maturing 198 information available on takedown.	7 no
	8/3	11.3	Associacion Nacional Pro-Vivienda Propia de l Servidores del Estado, Peru 5.53% guars notes maturing 1987 no information avail on takedown.	nteed
	8/3	21.0	Instituto Nacional de Industria loan due l no information available on takedown.	971-72

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 takedown may take place both prior and subsequent to the date a placement is reported.