

was quite small last week, but is expected to be fairly substantial this week. During the week ending August 17, one large corporate security issue of \$15 million was offered and three State and local government bond issues with par value of \$56 million were sold. In addition the Duke Power Co. sold a \$50 million bond issue to refund outstanding securities. This week, ending August 24, a \$40 million corporate new capital issue is scheduled for offering and two State and local issues totaling \$113 million are on the calendar.

Bond yields. Yields on seasoned, long-term bonds either declined or remained stable last week. Yields on both Aaa- and Baa-rated corporate bonds were unchanged. Yields on Aaa- and Baa-rated State and local government bonds declined 2 basis points each; yields on U. S. Government bonds also declined 2 basis points.

Average yields on new corporate bonds, adjusted to an Assa basis, were 4.24 per cent last week. At this level yields were below recent levels but 22 basis points above the year's low reached in mid-May.

Short- and intermediate-term interest rates. Changes in yields on Treasury bills and 3-5 year U. S. Government obligations were mixed last week. Yields on 3-month bills increased one basis point, by yields on 6-month bills declined 3 basis points; yields on intermediate-term Treasury issues declined 5 basis points. The effective rate on Federal funds remained at 3 per cent and other short- and intermediate-term interest rates were also unchanged,

Housing starts. Housing starts, including farm, in July were at a seasonally adjusted annual rate of 1.4 million. This about matched the month-earlier rate as well as the first-half average. On a three-month moving average basis, starts were down only moderately from the advanced April-June rate and were a tenth above a year earlier.

Housing permits edged higher in July after seasonal adjustment. The rate was 6 per cent below this year's high in February and 8 per cent over a year earlier.

Conventional starts accounted for 75 per cent of total starts in July. This compared with 77 per cent in June as well as a year earlier. Among Government-underwritten starts, both the FHA and VA shares increased somewhat, though only the proportion for FHA starts was above a year earlier.

Stock market credit. Customer credit in the stock market declined moderately further in July, decreasing \$62 million to \$4.9 billion at the end of the month. A decline in customer debit balances (excluding those secured by U. S. Government securities) of \$43 million

accounted for most of the reduction, while bank loans to other than brokers and dealers for purchasing or carrying securities (except U. S. Government obligations) decreased \$19 million. The decline in customers' credit occurred despite a reduction, effective July 10, in margin requirements for persons buying stock on credit from 70 to 50 per cent of the purchase price.

Borrowings by New York Stock Exchange member firms (excluding borrowings on U. S. Government obligations) declined an additional \$10.3 million in July. Customers' free credit balances, which had increased rather starply in June, fell \$122 million in July. These and other data on stock market credit for June and July are shown in the following table.

	End o	f month	7 61
	July	June	Change
	(Million	s of dolla:	rs)
Customer credit	ł		
Excluding U. S. Government securities - total	4,876	4,938	- 62
Net debit balances	3,562	3,605	-43
Bank loans to "others"	1,314	1,333	-43 -19 -3
Net debit balances secured by U. S. Govt. securities	29	32	-3
Bank loans to "others" for purchasing or carrying U. S.	l		
Government securities	83	92	-9
Broker and dealer credit	ł		
Money borrowed except on U. S. Government securities	2,091	2.194	-103
On customer collateral	1.856	1.897	-41
Money borrowed on U. S. Government securities	32	46	-14
Customers' net free credit balances	1,252	1,374	-122
	l	-	

Stock prices. Common stock prices rose fairly sharply last week in moderately active trading. Prices, as measured by Standard and Poor's composite index of 500 stocks, increased 2-1/2 per cent, closing at 59.01 on August 17. Trading volume averaged 3.8 million shares a day, 0.9 million shares more than the previous week.

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.

EXHIBIT A, Part 1

LONG-TERM BOND YIELDS, HIGH-GRADE

Weekly

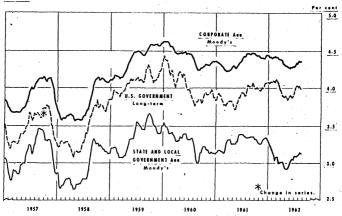
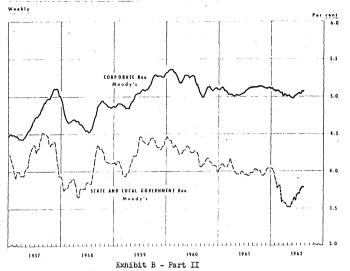


Exhibit A - Part II

	Corporate	U. S. Govt.	State and local	Spread U. S. Gov	
Date	Asa 1/	long-term 2/	government Asa 3/	Corporate Aaa	State and local Aaa
		(per cent)			
1957 - High 1958 - Low 1959-60 - High 1960-61 Low 1961 - High 1962 - High Low	4.14 (9/27) 3.55 (5/2) 4.61 (1/29/60) 4.21 (3/17/61 4.46 (9/15) 4.43 (2/16) 4.27 (5/25)	3.76 (10/18) 3.07 (4/25) 4.42 (1/6/60) 3.70 (5/12/61) 4.07 (12/29) 4.12 (2/23) 3.85 (5/11)	3.45 (8/29) 2.64 (5/1) 3.65 (9/24/59) 2.99 (9/1/60) 3.37 (7/6) 3.26 (1/4) 2.92 (5/3)	.60 .22 .59 .19 .57 .47	.50 .34 .92 .46 .76 1.08
July 20 July 27 Aug. 3 Aug. 10 Aug. 17 p/	4.33 4.35 4.37 4.36 4.36	4.03 4.02 4.03 4.00 3.98	3.09 3.11 3.13 3.15 3.13	.30 .33 .34 .36 .38	.94 .91 .90 .85

Note: For footnotes see Exhibit B.



Date	Corporate	State and local govt.	Spread be Aaa and	
	Baa 1/	Baa <u>3</u> /	Corporate	State and local govt.
		(per cent)		
1957 - High	5.10 (11/29)	4.51 (8/29)	1.27	1.21
1958 - Low	4.51 (7/11)	3.64 (5/1)	•77	.93
1959-60 - High	5.36 (2/12/60)	4.46 (1/7/60)	.84	1.08
1960-61 Low	4.98 (9/9/60)	3.93 (11/9/61)	.66	•57
1961 - High	5.13 (10/27)	4.16 (3/23)	.81	•93
1962 - High	5.11 (1/5)	4.04 (1/11)	.74	.82
Low	4.98 (6/1)	3.52 (5/17)	.63	.56
July 20	5.04	3.72	.71	.63
July 27	5.04	3.77	. 69	.65
Aug. 3	5.07	3.78	.70	.65
lug. 10	5.07	3.80	.71	.65
Aug. 17 p/	5.07	3.78	.71	.65

p/ Preliminary.

Weekly average of daily figures. Average term of bonds included in 23-26 years.

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

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

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

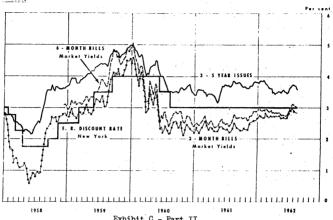


Exhibit C - Part II

	Discount		Yields .		Spread between	en yields on 3-
Date	rate	3-month	6-month	3-5 year	month bill:	s and yields on
	1/	bills 2/	bills 2/	issues 2/	6-mo. bills	3-5 yr. issues
			(per cent)			
1957 - High 1958 - Low 1959-60 - H 1960-61 Low 1961 - High 1962 - High Low	3.50 1.75 4.00 3.00 3.00 3.00 3.00	3.64 (10/18) .58 (5/29) 4.59 (1/8/60) 2.11 (10/28/60) 2.66 (12/29) 2.97 (7/13) 2.65 (6/8)	3.02 (12/26) 5.07 (1/8/60) 2.35 (4/28/61) 2.90 (12/29) 3.13 (7/20) 2.74 (6/8)	4.04 (10/18) 2.14 (6/6) 5.00 (12/24/5) 3.15 (5/12/61) 3.86 (8/11) 3.88 (2/2) 3.43 (4/6)		.86 .04 1.81 .38 1.51 1.19
July 20 July 27 Aug. 3 Aug. 10 Aug. 17 p/	3.00 3.00 3.00 3.00 3.00	2.95 2.88 2.85 2.83 2.84	3.13 3.09 3.03 3.03 3.00	3.73 3.71 3.68 3.63 3.58	.18 .21 .18 .20 .16	.78 .83 .83 .80 .74

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

SHORT- AND INTERMEDIATE-TERM INTEREST RATES,



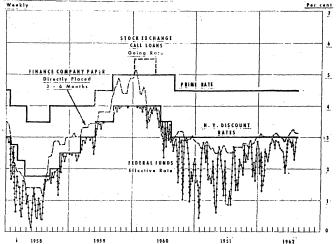


Exhibit D - Part II

Date	Stock Exchange call loan 1/	Prime rate <u>l</u> /	Finance company paper 2/	Federal funds 3/	Spread between 3-mo. bills and finance Co. pape
		(per cent)			
1957 - High 1958 - Low 1959-60 - High 1960-61 Low 1961 - High 1962 - High Low	4.50 3.50 5.50 4.50 4.50 4.50 4.50	4.50 3.50 5.00 4.50 4.50 4.50 4.50	3.88 (11/15) 1.13 (8/8) 5.13 (1/22/60) 2.50 (8/5/61) 3.00 (12/29) 3.25 (7/20) 2.88 (6/1)	3.50 (11/8) .13 (5/29) h.00 (5/13/60) .li3 (1/27/61) 2.88 (12/29) 3.00 (8/17) 1.30 (1/26)	.63 35 1.02 .11 .56 .41
July 20 July 27 Aug. 3 Aug. 10 Aug. 17 p/	4.50 4.50 4.50 4.50 4.50	4.50 4.50 4.50 4.50 4.50	3.25 3.16 3.13 3.13 3.13	2.95 2.30 2.85 3.00 3.00	.30 .28 .28 .30

Weekly rate shown is that in effect at end of period. Stock Exchange call loan rate is going rate on call loans secured by oustomers' stock exchange collateral at New York City banks. Prime rate is that charged by large banks on short-term loans to business borrowers of the highest credit standing.

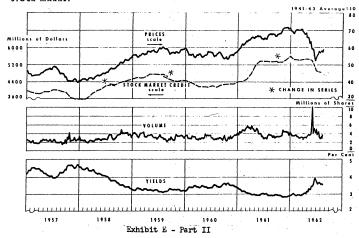
Average of daily rates published by finance companies for directly placed paper for varying maturities in the 90-179 day range.

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.

Digitizated controllights and lides are for individual series and may be on different dates for different series.

For spreads, high refers to widest, and low to narrowest. http://fraser.stlouisted.org/

STOCK MARKET



		Common	Trading	Stock	market cus	tomer credit
Date	Stock price	stock	volume .		Customers'	Bank
Dave	index 1/	yields 2/	(million		debit bal-	loans to
		(per cent)	of shares	3)	ances 4/	"others" 5/
				(In m	illions of o	iollars)
1960-61 - High	72.04 (12/8/61)	2.82	5.8	5,602 (12/6	114,259 (12/6	1) 1,377 (8/30/61
Low	53.32 (10/21/60)	3.62	2.2	4,142 (5/60	3,004 (7/60) 1,121 (5/25/60)
1962 - High	70.94 (3/16)	2.93	10.1	5,491 (4)	4,111 (1)	1,418 (5/9)
Low	52.68 (6/22)	3.96	2.8	4,876 (7)	3,562 (7)	1,299 (8/8)
June	55.63	3.78	4.8	4.938	3,605	1,333
July	56.97	3.68		4,876	3,562	1,314
Aug. 3	58.12	3.59	- 1		n.a.	1,303
Aug. 10	57.55	3.63	. 2	n.a.	n.a.	1,299
Aug. 17 p/	59.01	3.54	3.8	n.a.	n.a.	n.a.

n.a .- Not available .

Averages of daily trading volume on the New York Stock Exchange.

End of month figures for member firms of the New York Stock Exchange which carry mark, a accounts; excludes belances secured by U. S. Government obligations. Wednesday figures for weekly reporting member banks. Excludes loans for purchasing or carrying U. S. Government securities. Frior to July 1, 1959, such loans are excluded only at banks in New York and Chicage. Weekly reporting banks account for about 70 per cent of loans to theres. For further detail see Bulletin.

a.—Not available. p/ Preliminary.
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.
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.

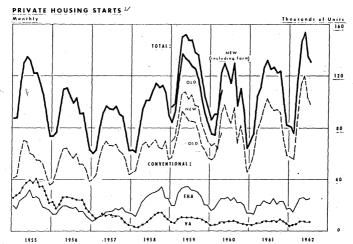


Exhibit F - Part II

	Total			Unadjuste	:d
Date	Seasonally adjust- ed annual rate	Unadjusted	FHA	VA	Conventional
	(T	housands of	units)		
1961 - July Aug. Sept. Oct. Nov. Dec. 1962 - Jan. Feb. Mar. Apr.	1,343 1,326 1,383 1,434 1,351 1,297 1,273 1,152 1,431 1,542	125 127 122 124 103 82 81 76 115	21 26 21 23 23 17 18 15 21	7 8 7 9 7 6 4 5 6 8	97 93 94 91 72 59 58 56 88 <u>c/</u> 114
May June July p/	r/1,579 r/1,415 1,407	r/154 r/135 131	26 24 25	8 7 7	<u>r</u> /120 <u>r</u> /104 98

Y Total starts are Census estimates, which are not strictly comparable with old nonfarm series developed by BLS. A dwelling unit is started when excavation begins; all units in an apartment structure are considered started at that time. Fix and Vx starts are units started under commitments by these agencies to insure or guarantee the mortgages. As reported by FHA and VX, a unit is started when a field office receives the first compilation 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. Conventional starts are derived as a residual, although total and FHA and VX starts are not strictly comparable in concept or timing; they include both units financed

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Yields on New Corporate Bond Issues Adjusted to an Asa Basis

	Number of issues included		Average yield (per cent)		Number of issues included	Amount of issues included (millions of dollars)	Average yield (per cent)
Monthly averages: 1962 - January February March April May June July August September October November December Weekly averages: 1962 - January 5 12 19 26 February 2 9 16 23 March 2 9 16 23 30 April 6 23 30 April 6 23 March 2 9 16 23 30 April 6 23 30 April 6 27 May 4	included 456771266	(millions	(per cent) 4.45 4.55 4.23 4.17 4.09 4.18 4.34 4.50 4.40 4.50 4.52 4.40 4.52 4.40 4.52 4.40	June 15 22 29 July 6 13 20 27 August 3 10 17 24 31 September 7 14 28 October 5 12 19 26 November 2 9 16 23 30 December 7 14 21 28		(millions	(per
11 18 25 June 1	2 2 2 1 3	28.0 41.0 39.0 17.0	4.21* 4.02 4.07 4.06 4.24*				

The: Averages of offering yields on all new issues of publicly sold bonds rated Aaa, Aa and A by Moody's Investors Service (except serial, equipment trust and convertible issues, offerings of natural gas pipelines and foreign companies, and issues guaranteed by the Federal Government) weighted by size of issues. Yields on Aa- and A-rated bonds are first adjusted to an Aaa basis, using the comparable spreads in yields on seasoned bonds (Moody's averages). Averages reflect changes in industrial composition, type, maturity, and call provisions of new offerings. Weekly averages considered unusually unreliable as indicators of interest rates on new issues because of the small number or special characteristics of offerings included etc. are marked with an asterisk. Source:

http://fraser.stlouisfed.org/

Exhibit H

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

(In millions of dollars)

	1-		New ca			
		Corporate			te and local	
	1962	1961	1960	1962	1961	1960
January February March	592 859 807	580 667 562	570 715 860	p/875 p/1,078 p/617	713 689 764	700 611 568
April May June	1,113 760 1,132	2,118 1,259 1,318	761 5 7 7 1 ₉ 01म	e/850 e/800 e/700	723 641 1,034	719 545 991
July August September	e/600 e/800	1,028 762 647	736 9 67 7 2 6	e/600 e/600	485 604 734	492 606 683
October November December		1,090 948 1,000	890 956 852		678 789 606	348 501 491
lst quarter 2nd quarter 3rd quarter 4th quarter	2,258 3,005	1,809 4,695 2,437 3,038	2,145 2,382 2,428 2,698	p/2,570 e/2,350	2,166 2,397 1,823 2,073	1,880 2,256 1,780 1,340
lst half Three quarters Year	5,263	6,504 8,941 11,979	4,527 6,955 9,653	<u>e</u> /4,920	4,563 6,386 8,460	4,136 5,916 7,257
	Excluding	finance co	mpanies 3/			
lst quarter 2nd quarter 3rd quarter 4th quarter	2,199 <u>e</u> /2,905	1,554 4,552 2,337 2,807	1,716 2,165 2,018 2,347			
Year		11,253	8,246			

e/ Estimated by Federal Reserve.

p/ Preliminary.

^{1/} Securities and Exchange Commission estimates of net proceeds.

Investment Bankers Association of America estimates of principal amounts. 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)

			eeds for n			Net proc	anda fam	
			d refundin				tal 1/ 2/	
Quarter or month	Total	Box Publicly	Privately offered	Common	Mfg.	Public	Communi- cations	Other issuers
1960 - I II III IV	2,265 2,537 2,520 2,832	934 1,074 1,336 1,462	795 770 754 955	536 692 429 416	298 511 562 625	598 808 652 696	189 149 317 381	1,059 913 896 997
1961 - I II III IV	1,992 5,352 2,566 3,236	662 2,303 772 967	880 1,275 1,139 1,424	449 1,774 654 845	515 1,466 595 836	381 1,081 595 836	81 1,095 104 147	832 1,052 803 1,263
1962 - I II III IV	2,378 3,250	1,155 1,389	716 1,222	507 639	655 996	430 983	456 231	717 794
1961 - Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.	601 695 696 2,231 1,342 1,779 1,075 813 678 1,155 987 1,094	178 273 211 713 666 924 424 225 123 336 414 217	2914 255 331 348 355 572 392 111 336 509 318 567	129 167 154 1,170 320 283 259 177 218 310 225 310	169 99 248 574 447 446 428 255 252 271 215 306	137 160 84 254 439 389 369 215 111 306 362 168	21 41 19 994 85 16 16 13 75 25 80	253 368 211 297 289 467 315 279 209 487 291
1962 - Jan. Feb. Mar. Apr. May June Julye/ Aug. Sept. Oct. Nov. Dec.	647 884 847 1,217 801 1,232 620	273 497 386 654 247 488 210	232 232 253 227 420 575 350	143 155 209 336 134 169 60	205 131 318 384 270 342 180	89 148 193 377 196 410 170	73 362 21 88 64 79 40	225 218 275 264 229 301 210

p/ Preliminary. e/ Estimated by Federal Reserve. 1/ Gross proceeds exceed net proceeds by the cost of flotation. 2/ For total see Exhibit H; other issuers are extractive, railroad and other transportation, real estate and finance and commercial and other. Source.—Securities and Exchange Commission.

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Exhibit J

Other Security Offerings (In millions of dollars)

	T	· · · · · · · · · · · · · · · · · · ·	Gross lo	ng-term 1/			
		government	2/	Federal agency 3/			
	1962	1961	1960	1962	1961	1960	
January February March April May June July September October November December	1½2 10 35 10 86 50 <u>e</u> /20	6 29 20 2 66 29 5 2 43 314	2 175 70 34 72 40 25 1 36 34	2\\6 156 156 \\61 e/	252 100 1149 278 250 193 225	182 150 150 148 354 199 160 149	
Year JanJuly	e/353	236 157	533 418	<u>e</u> /863	1,448 779	1,672 984	
			Net shor	+ + + erm //			
	State and	Local gove			eral agency	3/	
January February March April May June July September October Oovember December	18 466 -186 127 -84 p/-184 n.a.	160 195 -8 -103 -12 -155 109 518 -86 -6 54 -116	58 140 -80 -70 -146 -157 -48 415 -175 -16 50 -189	247 -156 226 -364 82 284 p/350	-144 -162 -174 -79 -87 207 22 193 108 98 56 -114	-196 -202 -59 -277 170 320 95 23 -201 -23 -33 -250	
Year		520	18		-76	-633	
JanJuly	n.a.	156	-67	p/669	-417	-149	

p/ Preliminary. e/ Estimated by Federal Reserve. n.a.--Not available.
l/ 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.

http://frasepart.edu and have a some instances PHA notes included may have a somepart inner maturity than one year. Source: bond Buyer and Federal Reserve.

Includes securities offered in the United States by foreign governments and their political subdivisions and international organizations.
 Source: Securities and Exchange Commission.
 Issues not guaranteed by the U. S. Government.
 Source: long-term, Securities

and Exchange Commission; short-term, Treasury Department and Federal Reserve.

L/
These data differ from those in Exhibit H and above in that they represent new offerings less retirements, whether from the proceeds of refunding issues or from other funds. Data include only issues with original maturity of one year or less.

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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)

			Cor	porate		State	
Мо	Month Tot		Bonds (other than convertibles)	Convertible bonds	Stocks	and local government	Other 2/
1961 -	July	475	285	75	115	179	
	August	185	165		20	281	100
	September	168	78	33	58	435	73 /
	October.	354	205	67	81	326	40
~	November	391	320	2 6	45	480	250
	December	255	125		130	307	
1962 -	January	195	170		25	561	145
	February	425	425			662	64
	March	366	330	15	21	259	30
	April	648	430	51	167	423	55
	May	200	170	-	30	373	88
	June	505	387		118	226	30
-	July	165	135		30	361	20

Large Individual Issues Offered August 1 through 17

Large Individual Issues Offered August 1 through 17						1.11
Issuer	Type <u>3</u> /	Amount (millions of dollars)	Maturity	Coupon rate or net inter- est cost	Offering yield	Rating
CORPORATE						
Belt RR. Co. of Chicago Southwestern Bell Tel. Co. Ekco Products Co. New York State Elec. & Gas	lst mtg. bo Deb. Deb.	is. 37.3 100.0 15.0	1997	4-5/8 4-1/2 4.60	4.57 4.45 4.60	Aaa Aaa A
Corp. STATE AND LOCAL GOVERNMENT	S.F. deb.	15.0	1992	4-1/2	4.45	A
St. Louis, Missouri Forth Worth, Texas	RevQ.Ut.	10.1		3.28	2.40-4.00 L.70-3.504/	
San Antonio, Texas Pennsylvania Turnpike Auth.	RevUt.	21.32	1964-84	n.a.	n.a.	Aaa
Penna. Gen. State Auth. Oklahoma City, Oklahoma Houston, Texas	RevRent. G.O. G.O.		1965-89 1964-87 1963-82	3.20 1	2.10-3.55 ₆ / 90-3.40 <u>6</u> / 70-3.25	A A
OTHER						
None						

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Footnotes

*--Rights offering.

- I/ Includes corporate and other security offerings of \$15 million and over; State and local government 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/ 1/10 per cent bonds maturing 1986-87 reoffered to yield 4.50 per cent.

5/ Privately placed.

6/ 1 per cent bonds maturing 1987 not reoffered.

Forthcoming Large Long-term Public Security Offerings for New Capital (Other than U. S. Treasury) 1/

Expected Proceeds from Forthcoming Large Issues

Date of computation	During month following date shown			Subsequent to date shown			
	Corporate	State and local govt.	Other 2/	Corporate	State and local govt.	0ther <u>2</u> /	
1961 - July 31 Aug. 31 Sept. 29 Oct. 31 Nov. 30 Dec. 29 1962 - Jan. 31 Feb. 28 Mar. 30 Apr. 30 May 31 June 29 July 31	170 175 358 346 356 161 480 222 628 185 587 120 302	406 399 251 597 295 223 465 153 453 333 184 202 273	73 35 	255 240 504 411 421 591 525 341 693 598 692 458	537 530 454 693 498 415 567 239 539 452 337 427	73 35 6L 95 55	

Forthcoming Large Offerings, as of August 17

Issuer	Туре	Amount (millions of dollars)	Approximate date of offering
CORPORATE			
Public Service Elec. & Gas Co.	lst & ref. mtg.	bds. 40.0	Aug. 22
Massachusetts Electric Co.	1st mtg. bds.		Aug. 28
Air Reduction Co., Inc.	Conv. sub. deb	. 34.5	Aug. 29
Control Data Corp.	Conv. sub. deb		Aug. 30
Pacific Northwest Bell Tel. Co.	Deb.	50.0	Sept. 12
Public Service Co. of Colorado	Com. stk.	28.0	Sept. 24
•			(rights expire)
Commerce Oil Refining Corp.	Deb., bds. & co	m. 45.0	Indefinite
Columbia Bancorporation	Conv. sub. deb	. 30.0	Indefinite
Southern Calif. Edison Co.	lst & ref. mtg.	bds. 50.0	Indefinite
STATE AND LOCAL GOVERNMENT			
State of Washington	Rev.	37.0	Aug. 20
Public Housing Auth.	G.O.	106.2	Aug. 22
Los Angeles Dept. of Wtr. and Pwr.,			
California	RevUt.	33.3	Aug. 29
New Orleans, La.	G.O.	10.0	Sept. 17
State of Delaware	G.O.	19.0	Sept. 18
De Kalb Co., Georgia	G.O.	14.0	Indefinite
Pittsburgh, Penna.	G.O.	35.0	Indefinite
Jefferson County, Colorado	G.O.	19.2	Indefinite
Dade County, Florida	G.O.	46.0	Indefinite
Jacksonville Expressway Auth., Fla.	RevUt.	40.0	Indefinite

Forthcoming Large Offerings, as of August 17 (Con't)

	Issuer	Туре	Amount (millions of dollars)	Approximate date of offering
	OTHER			
None				

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

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

^{2/} Includes foreign government and International Bank for Reconstruction and Development issues and non-guaranteed issues by Federal agencies.

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