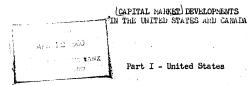
h.14

April 11, 1960



During the week ending April 8, corporations sold large public security issues totaling \$75 million and State and local governments sold bonds with aggregate proceeds of \$37 million. A \$47 million long-term issue for new capital was also sold by the Federal land Banks. This week, large corporate issues, including the expiration of subscription rights, are expected to total \$124 million. State and local government issues amounting to \$30 million are also scheduled for sale.

As shown in Exhibit E, the volume of corporate security offerings in February has been revised upward to \$739 million. This revision largely reflects a much larger volume of takedowns of private placements than previous information had indicated.

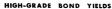
Bond yields - Changes in yields on outstanding bonds were mixed, but minor last week. Yields on U. S. Governments increased; yields on State and local government bonds remained stable; and those on corporate bonds continued to decline slightly.

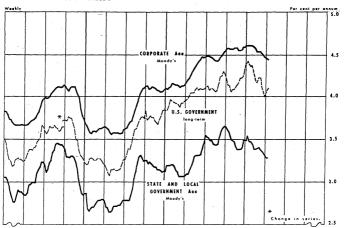
Two new first mortgage electric utility bond issues were offered to the public last week. An Aa-rated issue was offered to yield 1.85 per cent, 5 basis points below the yield for a comparable offering made in mid-March. The yield to investors for the A-rated issue was 4.98 per cent, 5 basis points above that for a similar offering made near the end of March.

FNMA secondary market operations - Secondary market offerings to FNMA during Nerch declined slightly further in dollar amount, according to preliminary estimates. FNMA purchases rose again, and at \$135 million were the largest since January 1957, when FNMA bought a record \$145 million. Data for recent months include purchases of several large mortgages on multi-family properties—a type of mortgage FNMA never bought prior to this year under its secondary market operations.

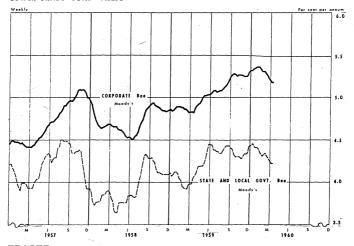
Stock prices - Stock prices and trading activity increased last week. Standard and Poor's index of 500 common stocks closed at 56.39 on April 8, 2 per cent higher than a week earlier. The volume of trading averaged 2.9 million shares a day, the highest since mid-March.

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





LOWER-GRADE BOND YIELDS



Digitized for FRASER http://fraser.stlouisfed.org/ Federal Reserve Bank of St. Louis

Exhibit B - Tables for Exhibit A

High-grade Bond Yields

Date	Corporate Aaa <u>l</u> /	U. S. Govt. long-term 2/	State and local govt. Aaa 3/	Spread U. S. Go Corporate Aaa	
		(Per cent)			
1954 - Low 1957 - High 1958 - Low 1959 - High Low 1960 - High Low	2.85 (4/23) 4.14 (9/27) 3.55 (5/2) 4.61 (12/31) 4.69 (1/29) 4.61 (1/29) 4.44 (4/8)	2.45 (8/6) 3.76 (10/18) 3.07 (1/25) 4.37 (12/31) 3.83 (1/2) 4.42 (1/8) 4.00 (3/25)	1.90 (9/2) 3.45 (8/29) 2.64 (5/1) 3.65 (9/24) 3.06 (3/26) 3.53 (1/7) 3.28 (4/7)	.30 .60 .22 .50 .16 .46	.30 .47 .34 .92 .53 .89 .68
Mar. 11 Mar. 18 Mar. 25 April 1 April 8 p/	4.51 4.48 4.46 <u>r/4.45</u> 4.44	4.11 4.05 4.00 4.07 4.10	3.37 3.35 3.32 3.28 3.28	.40 .43 .46 .37 .34	.74 .70 .68 .79 .82

Lower-grade Bond Yields

Date	Corporate	State and local govt.	Spread Aaa an	
Date	Baa <u>1</u> /	Baa 3/	Corporate	State and local govt.
		(Per cent)		
1954 - Low 1957 - High 1958 - Low 1959 - High Low 1960 - High Low	3.¼ (12/31) 5.10 (11/29) 4.51 (7/11) 5.32 (12/31) 4.83 (¼/17) 5.36 (2/12) 5.17 (¼/8)	2.93 (8/5) 4.51 (8/29) 3.64 (5/1) 4.46 (7/2) 3.92 (3/26) 4.46 (1/7) 4.22 (4/7)	.52 1.27 .77 .77 .56 .79	.96 1.21 .93 .98 .79 .97
Mar. 11 Mar. 18 Mar. 25 Apr. 1 Apr. 8 p/	5.28 5.26 5.22 5.18 5.17	4.31 4.29 4.26 4.22 4.22	.77 .78 .76 .74 .73	.94 .94 .94 .94 .94

p/ Preliminary.

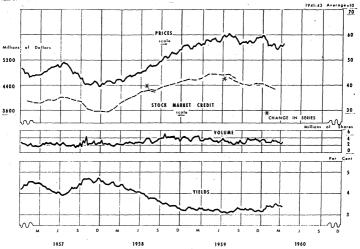
Weskly average of daily figures. Average term of bonds included is 25-26 years.

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

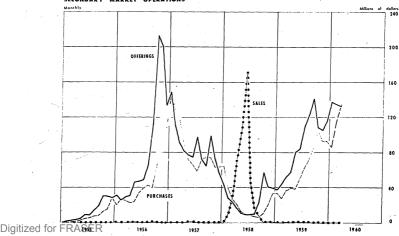
/ Thursday figures. Only general obligation bonds are included; average term is 20 years.

Note .-- Highs and lows are for individual series and may be on different dates for different series.





FEDERAL NATIONAL MORTGAGE ASSOCIATION



http://fraser.stlouisfed.org/

Federal Reserve Bank of St. Louis

Stock Market

~~~~ <u>~~~</u>		Common	Trading	Stock	market cust	omer credit
Date	Stock price	stock	volume 3/		Customers!	Bank
Date	index 1/	yields 2/		Total	debit bal-	
	_	(per cent)	of shares)		ances 4/	"others" 5/
		<del></del>		(Mil	lions of do	llars)
1957-59 - High	60.51 (7/31/59)	3.07	4.3	4,764	3,401	1,373
Low	39.78 (12/27/57)		1.4	3,554	2,482	1,060
1960 - High	59.50 (1/8)	3.18	3.6	4,365	3,198	1,167
Low	54.24 (3/11)	3.51	2.4	4,274	3,129	1,130
February	55.69	3.38	3.0	4,274	3,129	1,145
	55.02	3.45	2.9	n.a.	n.a.	1,130
	55.01	3.44	2.6	n.a.	n.a.	1,128
	55.98	3.40	2.7	n.a.	n.a.	1,125
	55.43	3.42	2.4	n.a.	n.a.	1,130
	56.39	3.37	2.9	n.a.	n.a.	n.a.

p/ Preliminary. n.a .-- Not available.

5/ Wednesday figures for weekly reporting member banks. Excludes loans for purchasing or carrying U. S. Covernment securities. Frior to July 1, 1959, such loans are excluded only at banks in New York and Chicago. Weekly reporting banks account for about 70 per cent of loans to others. For further detail see Bulletin.

Federal National Mortgage Association Secondary Market Operations 1/

	Estimated	Offerings t	o FNMA	Purchases	Sales
Date	Total	Immediate purchase	Standby commitment	by Fnma	by Fnma
		(M11	lions of doll	Lars)	
1959 - Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec. 1960 - Jan. Feb. Mar. p/	52.4 57.8 80.6 84.4 109.5 123.1 141.3 108.3 105.6 116.3 137.9 135.5 133.2	49.8 50.1 73.4 76.6 92.5 109.9 134.8 100.3 111.4 128.6 128.6	2.6 7.7 7.8 17.1 13.3 6.5 5.9 9.3 8.6	36.5 39.6 38.3 49.4 62.3 71.7 85.4 105.5 92.6 92.2 86.1 116.7 135.0	.8 * 1.1 .6 .3 .3  * *

^{1/} Data represent unpaid principal balances of the mortgages involved, exclusive of premiums, discounts, or other charges. Offerings are amounts of applications received during the period from sellers proposing that FRIA execute nurchasing contracts. An immediate purchase contract covers existing mortgages which the seller must deliver to FNM within 45 days. A standby commitment contract relates to proposed mortgages, on housing not yet under construction, which the seller must usually deliver within one year. Purchases include these under both immediate purchase and standby Digitized for Francischer contracts. Data evelvde Films activity under Special Assistance and Management and

^{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 Fridays' only. Highs and lows are for Fridays' data only.

2/ Standard and Poor's composite stock yield based on Wednesday data converted to weekly closing prices by Federal Reserve. Yields shown are for dates on which price index reached its high or low.

^{3/} Averages of daily trading volume on the New York Stock Exchange.
4/ End of month figures for member firms of the New York Stock Exchange which carry margin accounts; excludes balances secured by U. S. Government obligations.

Exhibit E

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

#### (In millions of dollars)

		0		apital	State and lo	-3.6/
	1960	Corporate	1958	1960	1959	1 1958
January February March	p/ 596 p/739 e/750	840 745 631	728 857 1,553 <u>3</u> /	p/728 e/550 e/525	638 858 646	812 953 511
April May June	<u>e</u> /725	899 791 874	1,140 597 887	<u>e</u> /700	931 593 1,006	798 895 551
July August September		531 718 709	1,107 540 1,114		567 514 468	806 403 651
October November December		887 865 936	862 518 920		Б\үүүү 213 263	456 474 435
1st quarter 2nd quarter 3rd quarter 4th quarter	<u>e</u> /2,085	2,216 2,564 1,958 2,688	3,139 2,623 2,760 2,300	<u>e</u> /1,803	2,142 2,531 1,549 p/1,550	2,276 2,244 1,860 1,365
lst half Three quarters Year		4,780 6,738 9,427	5,762 8,522 10,823		4,673 6,223 p/7,773	4,520 6,380 7,746
	Excluding :	finance con	mpanies 4/			
1st quarter 2nd quarter 3rd quarter 4th quarter	e/1,735	2,011 2,409 1,695 2,549	2,899 2,586 2,731 2,213		•	
Year		8,665	10,429			

Estimated. p/ Preliminary.
Securities and Exchange Commission estimates of net proceeds.
Investment Bankers Association of America estimates of principal amounts.

Includes \$718.3 million AT&T convertible debenture issue.

 $[\]overline{L}/$  Total new capital issues excluding offerings of sales and consumer finance companies.

86

707

2,321

December

Year

Exhibit F

# Other Security Offerings 1/ (In millions of dollars)

Long-term Federal Foreign gove mment agency 1960 1960 1959 1958 1959 1958 January 77 59 2 196 199 1,163 182 53 February 251 March 175 April 56 50 42 139 523 198 May June 120 85 July 164 1 36 98 August 17 September 150 October 58 33 42 220 November 123

74

992

70

558

	Short-term					
	State and	l local gove	ernment 4/	Fe	deral agen	cy 3/
January February March	268 p/340	190 428 295	233 460 273	479 463	359 500 489	371 208 144
April May June		563 411 245	357 354 264		486 675 289	209 161 329
July August September		246 467 399	289 423 369		727 365 665	437 206 330
October November December		235 343 358	231 415 243		733 471 288	454 114 137
Year		4,179	3,910		6,047	3,098

p/ Preliminary.

The presented in this exhibit differ from those in Exhibit E in that refunding issues, as well as new capital issues, are included. Long-term securities are defined as those maturing in more than one year.

2/ Includes securities offered in the United States by foreign governments and their subdivisions and by international organizations. Source: Securities and Exchange Commission.

Invernational organizations. Source: Sesurities and Exchange Commission.

3/ Issues not guaranteed by the U. S. Government. Source: long-term, Securities and Exchange Commission; short-term, Faderal Reserve.

^{4/} Principally tax and bond anticipation notes, warrants or certificates and Public Housing Authority notes. In some instances PHA notes included may have a somewhat longer term than one year. Source: Bond Buyer.

#### Exhibit G

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

# Proceeds of Large Issues Offered

# (Millions of dollars)

Month	Corporate	State and local government	Other 2/	
1959 - March	215	369	176	
April	359	563	20	
May	342	258	50	
June	284	635	60	
July	110	194	50	
August	363	263	98	
September	199	214	175	
October	400	294	20	
November	421	163		
December	230	217	70	
1960 - January	279	388	100	
February	262	283	320	
March	384	225	191	

# Large Individual Issues Offered April 1 through 8

Issuer	Type 3/	Amount (millions of dollars)	Maturity	Coupon rate or net inter- est cost	Offering yield	Rating
CORPORATE					-	
Carolina Power & Lt. Co. Commonwealth Edison Co. Alabama Power Co.	lst mtg. bollst mtg. bollst mtg. bollst mtg. bollst	ds. 30.0	1990 1990 1990	4-7/8 4-5/8 5	4.85 4.63 4.98	Aa Aaa A
STATE AND LOCAL GOVERNMENT						
State Pub. Sch. Bldg. Auth. Pa. N. Y. City Hsg. Auth.	RevRent. G.O.			/65 4.00 3 0/75 4.01 2	3.10-4.05 2.85-4.02	 A
OTHER		,				
Federal Land Banks	Bds.	46.0	1964	4-1/2	4.40	

### Footnotes

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, 6. 0. 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.

Exhibit H

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

# Expected Proceeds from Forthcoming Large Issues

Date of		During month following date shown			quent to shown		
computation	Corporate	State and local govt.	Other <u>2</u> /	Corporate	State and local govt.	Other 2	
1959 - Mar. 31 Apr. 30 May 29 June 30 July 31 Aug. 31 Sept. 30 Oct. 30 Nov. 30 Dec. 31 1960 - Jan. 29 Feb. 29 Mar. 31	396 246 287 165 238 198 374 385 226 210 207 301 299	550 2514 217 1146 385 270 115 295 1415 220 255 250	20 50  50  25  70 30 45	476 346 332 272 305 517 694 509 271 280 252 372	761 517 761 500 406 402 470 336 485 545 310 385 280	20 50 50 25  70 345 35	

# Forthcoming Large Offerings, as of April 8

Issuer	Type	Amount (millions of dollars)	Approximate date of offering
CORPORATE			
National Fuel Gas Co. Kratter Corp.	S.F. deb. Pfd. stk.	18.0 26.0	Apr. 12 Apr. 12 (rights expire)
Mountain States Tel. & Tel. Co. Lowa-Illinois Cas & Electric Co. United States Plywood Corp. Transcontinental Cas Pipeline Co. Puget Sound Power & Light Co. Metropolitan Edison Co. Cincinnati Cas & Electric Co.	Deb. 1st mtg. bds. S.F. deb. 1st mtg. bds. 1st mtg. bds. 1st mtg. bds. 1st mtg. bds.	40.0 15.0 25.0 35.0 20.0 15.0 30.0	Apr. 13 Apr. 14 Apr. 14 Apr. 21 Apr. 21 Apr. 27 Apr. 29
Columbia Gas System, Inc. Uris Building Corp. Milwaukee Gas Light Co. Commerce Oil Refining Corp.	Com. stk. S.F. deb. lst mtg. bds. Deb., bds. & com	20.0 20.0 22.0 45.0	May 5 May 11 May 18 Indefinite

Forthcoming Large Offerings, as of April 8 (Cont'd)

		+-	
Issuer	Туре	Amount (millions of dollars)	Approximate date of offering
STATE AND LOCAL GOVERNMENT			
Puerto Rico Water Resources Auth.	RevUt.	20.0	Apr. 12
Chicago, Illinois	G.O.	10.0	Apr. 14
State of California	G.O.	25.0	Apr. 19
Triborough Bridge & Tunnel Auth.	RevUt.	100.0	Apr. 19
Philadelphia, Pa.	G.O.	29.3	Apr. 20
Cleveland, Ohio	G.O.	13.3	Apr. 26
Los Angeles City Sch. Dists., Calif.	G.O.	16.0	Apr. 26
State of Tennessee	G.O.	15.0	Apr. 27
New York, New York	G.O.	75.0	Apr. 27
Sacramento Mun. Ut. Dist., Calif.	Rev.	30.0	Apr. 28
Ventura Port Dist., Calif.	RevUt.	10.0	Apr.
*Public Housing Authorities	G.O.	105.0	May 4
*State of Minnesota	G.O.	48.8	May 5
Jacksonville, Fla.	RevUt.	30.0	May 10
*Cincinnati, Ohio	G.O.	12.2	May 17
OTHER			
*Commonwealth of Australia	Bds.	25.0	Apr. 21

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

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

 $^{1\!\!/}$  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.

Exhibit I

Yields on New and Outstanding
Electric Power Bonds, Rated Aa and A 1/

	Aa-rated	offering yields	A-rated of	fering yields
Date	Actual (per cent)	Amount above seasoned yields (basis points)	Actual (per cent)	Amount above seasoned yields (basis points)
1952 - 1958 High Low 1959 - January	5.00 (9/14, 2.93 (3/31, 4.63,	/57) 87 /54) -3	5.50 (11/7, 3.00 (3/17, *4.75 ² /	/57) 123 /54) <b>-</b> 15
February March April May June July Aug. Sept. Oct. Nov. 25	*1.352/ 4.432/ 4.582/ 4.97 *4.95 *4.93 4.83 5.132/ 5.08	14 10 17 37 29 31 23 36 42 63	*4.67 5.01 5.013/ 5.07 *5.65 5.33	18 25 15 17 60 43
Dec. 8 9 10 1960 - Jan. 7 Feb. 25 26 Mar. 15 16	5.08 5.10 4.90 4.73 ² /	նկ կն 32 17	5.45 5.44 5.302/	51 50 28
18 29 Apr. 6 8	4.85	33	5.00 4.93 4.98	11 7 21

*--Single observation, not an average.

// Covers only 30-year first mortgage bonds, as reported in Moody's Bond
Survey. Except where indicated, the actual yield figure and the amount above
seasoned yields are averages of offerings during the indicated period and of
the differences between these new offering yields and yields on seasoned issues
of similar quality for the same day. Average maturity for the seasoned issues
varies from 26 to 28 years.

2/ Provides for a 5-year period during which issue may not be called for refunding at a lower coupon rate. Monthly averages so marked include one or more issues with such a provision. Other issues have no such provision.

3/ Includes one issue which provides for a 7-year period during which the issue may not be called for refunding at a lower coupon rate.

#### Part II - Canada

The rise in the Canadian Treasury bill rates at last Thursday's auction brought them slightly above comparable United States bill yields. The Bank of Canada continued to purchase relatively large amounts of Treasury bills and sell short bonds. The Canadian dollar declined nearly one cent during the week. Stock prices rose moderately.

Money market conditions. After eight straight weeks of declining rates, the short Treasury bill rate staged a modest recovery, increasing from 3.01 per cent a week ago to 3.24 per cent at last Thursday's auction. The yield on the 6-month bill also rose from 3.23 per cent the previous week to 3.47 per cent last Thursday. During the week the Bank of Canada increased its holdings of Treasury bills by \$28 million and sold net \$30 million of bonds. On the other hand, the public continued to reduce its bill holdings for the seventh week; the chartered banks were also modest sellers last week. The average rate on the day-to-day loans eased slightly from 3.25 per cent the previous week to 3.15 per cent last week.

The rise in the 3-month bill rate was greater than the rise in the United States bill rate, thus bringing the spread between the Canadian and the United States rate again slightly in favor of the Canadian bill by 0.19 basis points. The forward discount on the Canadian dollar remained unchanged at 0.24 per cent per annum, however.

Bond market developments. Canadian bond yields declined during the week for all issues. The spread between comparable Canadian and United States securities (Thursday yields for bills and Wednesday closing for bonds) were as follows (figures in parenthesis refer to the previous week):

0.19 per cent on a 91-day bill (-0.01) 0.17 per cent on a 182-day bill (-0.15) 0.97 per cent on an 8-year bond (0.94) 0.98 per cent on a 20-year bond (1.09) 1.11 per cent on a 35-year bond (1.16)

The bond market showed further strength last week with the heavy demand for an Ontario 5-1/2 per cent \$60 million issue. The two-part open-end issue was priced at 99.25 to yield 5.6 per cent on 10-year maturities and 97.50 to yield 5.71 per cent on 20-year maturities. Both issues went to a premium in early trading. According to the press, the success of this issue is expected to prompt a number of potential borrowers to go ahead with their financing plans soon.

Exchange rate. There was a decline of about three-fourths U.S. cent in the Canadian dollar last week. The price decline followed the Minister of Finance's statement in his budget speech on Thursday a week ago that he "would welcome the development of circumstances that would reduce

the external price of our dollar provided this was brought about by means other than an arbitrary and artificial attempt by the government to work against basic economic forces." He warned that

"those who undertake commitments in terms of United States dollars or other external currencies expose themselves to the risk of having to repay at a time when the exchange rate for the Canadian dollar may be quite different from what it is today. This is a risk which the borrower ... must bear himself and is a danger which I clearly wish to stress."

In addition, the Minister announced that the Canadian Government's requirements for borrowing in the current fiscal year would be about \$210 million as compared with \$900 million the previous year. With reduced Federal Government cash needs, the prospects are for heavier Canadian local government borrowing in Canada. The recent easing in the Canadian dollar rate is in part a reflection of the recent reduction of such Canadian borrowing in the New York market.

Stock markets. Prices of Canadian industrial stocks on the Toronto and Montreal market continued to rise over the past week as shown in the following table:

•	March 29	April 5
Toronto industrials Montreal industrials	495•31 284•4	496 <b>.27</b> 286 <b>.</b> 6
New York-Standard and Poors industrials	59.51	59.65

## Selected Government of Canada Security Yields

Date bills bond bond bond bills dollar	
1957 - High 4.08 4.81 4.35	
1958 - Low 0.87 3.31 3.78	
1959 - High 6.16 5.30 5.30 1.19 2.96	
Low 3.25 4.45 4.41 0.47 0.30	
1960 - High 5.14 5.55 5.42 1.22 0.90 0.7	2
Low 3.01 5.07 5.15 0.91 -0.01 0.2	4
Mar. 17 4.02 5.20 5.29 1.22 0.58 0.4	3
24 3.41 5.19 5.21 1.20 0.55 0.2	4
31 3.01 5.17 5.22 1.09 -0.01 0.2	1
April 7 3.24 5.08 5.13 0.98 0.19 0.2	1

1/ Average yield at weekly tender on Thursday.

Z/ Government of Canada 2-3/4 per cent of June 15, 1967-68.

3/ Government of Canada 3-1/4 per cent of 1979.

1/ U.S. Government 3-1/4 per cent of 1978-83. Government of Canada 3-1/4 per cent of 1979. Bond prices are Wednesday closing quotations.

5/ Spread between Canadian auction rate and composite market yield for the U.S. bill on the close of business on Imraday.

6/ Spread between 3-months forward and spot price of the Canadian dollar, expressed as per cent per annum, on Imraday.

Canada: Trade in Outstanding Securities with Foreign Residents
(net sales, millions of Canadian dollars)

· · · · · · · · · · · · · · · · · · ·			
	United States residents	Other countries	Total
1957 1958 1959 thru Nov. 1960 January	4:5.2 70.9 81.7 3.35	161.3 29.6 102.4 10.0	116.1 100.5 184.1 13.35
Canadian issues Govt. of Canada - direct Govt. of Canada - guaranteed Provincial Municipal Railway (not guaranteed) Other corporations Foreign issues	0.67 3.32 0.44 -0.41 -0.13 3.12 -0.07	1.62 1.14 0.08 0.43 0.01 -5.59 0.15	2.29 4.46 0.52 0.02 -0.12 -2.47 0.08
Total bonds and debentures	6.94	-2.16	4.78
Total other securities	-3.59	12.16	8.57

Source: Dominion Bureau of Statistics monthly supplements.

Digitized for FRASER http://fraser.stlouisfed.org/

Federal Reserve Bank of St. Louis