



Debt Operations Report

November 1996



Department of Finance
Canada

Ministère des Finances
Canada

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TABLE OF CONTENTS

Introduction	5
1. Federal Debt Management Strategy	9
Debt Management Objective	9
Principles.....	9
Debt Management Strategy.....	9
Market Development	10
Reducing Sensitivity to Interest Rate Fluctuations	15
Investor Relations and Rating Agencies	17
Foreign Exchange Reserves	18
2. Retail Debt Strategy: Canada Investment and Savings	20
3. Government of Canada Debt Management Operations and Cash Management – 1995-96.....	23
Overview	23
Government of Canada Fixed-Coupon Bonds	24
Real Return Bonds	25
Floating-Rate Borrowing.....	26
Canada’s Foreign Currency Debt	28
The Management of the Government’s Cash Balances.....	30
4. Borrowings by Crown Corporations.....	32
5. Distribution of Holdings of Government of Canada Debt	33
Domestic Holdings of Government of Canada Debt.....	33
Non-Resident Holdings of Government of Canada Debt.....	34
Annexes	
1. Government of Canada Market Debt Instruments	35
2. The Primary Distribution of Government of Canada Fixed-Coupon Marketable Bonds and Treasury Bills.....	38
3. Selected News Service Pages of Interest to Government of Canada Debt Market Participants	39
Reference Tables.....	40

INTRODUCTION

The Fiscal Context

The management of the federal debt is an issue that affects all Canadians. At the end of March 1996, federal debt totalled \$623 billion, or \$574 billion net of the government's financial assets. The annual cost of servicing this debt is currently almost one-third of total federal spending. Due to the composition of the debt stock, variations in interest rates can significantly affect total debt costs. The size of the debt underscores the need not only to manage the debt wisely, but also to control public spending. The government is taking concerted action to improve the government's financial situation by reducing the deficit sharply, and putting the debt-to-GDP ratio on a downward track.

The government's fiscal actions have already substantially reduced the deficit. The deficit for 1994-95 was \$37.5 billion, \$4.5 billion lower than the 1993-94 deficit of \$42.0 billion. The deficit declined further in 1995-96 by \$8.9 billion to \$28.6 billion. This is the second consecutive year that the deficit has bettered the target. For 1996-97, the deficit results to date are consistent with the target of \$24.3 billion, or 3 per cent of GDP. That will cut the deficit in relation to the size of the economy to half of its 1993-94 level. The deficit target for 1997-98 of \$17 billion, or 2 per cent of GDP, also remains on track.

As a result of the fiscal actions taken in recent budgets, the federal debt in relation to the total economy (GDP) is expected to decline from 75.1 per cent in 1996-97 to 74.0 per cent in 1997-98, the first meaningful decline in over 20 years. These actions will also reduce the burden of government borrowing in financial markets, lowering financial requirements from \$25.8 billion in 1994-95 to \$6.0 billion in 1997-98.

In *The Economic and Fiscal Update* (October 9, 1996), the Minister of Finance announced that the deficit target for 1998-99 will be \$9 billion, or about 1 per cent of GDP. This means that financial requirements will be eliminated by 1998-99. The last time financial requirements were this low was in 1969-70.

Nevertheless, public debt charges, at an annual cost of \$46.9 billion, continue to be the single largest government spending item, representing 29.5 per cent of total spending in 1995-96. The operating surplus is expected to increase from \$18.3 billion in 1995-96 to \$33.5 billion by 1997-98. This means that, were it not for interest payments on the debt, the federal government would now be in a large surplus position.

In this context, prudent management of the public debt is of crucial importance to Canada. It is an important component of the government's reforms to get Canada's financial house in order.

Highlights of the Report

The *Debt Operations Report* outlines the key elements of the current federal debt management strategy and describes various strategic and operational aspects of the government's domestic and foreign debt programs as well as cash management activities over the past fiscal year.

Federal Debt Management Strategy

Domestic Debt Program – Canada's primary debt management objective is to provide stable, low-cost funding for the government. Canada follows several principles in its debt strategy. These include raising all funding for the government's operations in the domestic market; maintaining a well-functioning market in Government of Canada securities; funding in a regular, pre-announced manner; and managing the debt stock prudently in view of potential interest rate volatility. The government's current debt strategy seeks to: lower debt charges by enhancing the liquidity and transparency of the market; improve the stability of debt charges by reducing its reliance on short-term debt; maintain active relations with investors and credit rating agencies; and to develop a retail debt program to further diversify the investor base.

Foreign Currency Financing – Foreign currency borrowings are used solely to fund Canada's foreign exchange reserves, and are currently denominated exclusively in U.S. dollars. The 1996-97 budget announced Canada's intention to increase modestly the level of foreign exchange reserves which, at the time of the budget, stood at U.S. \$14.7 billion.

Retail Debt Strategy – Canada Investment and Savings

Retail distribution of Government of Canada securities is an important component of the federal government's strategy to diversify its investor base. Canada Investment and Savings (CI&S) is the agency responsible for developing and executing the marketing strategy, product requirements and distribution for the retail component of the federal government's debt program. The goal of CI&S is to reinvigorate the sale of Government of Canada securities to individual Canadians. CI&S is planning to develop new products aimed at meeting needs that are not currently served by the market. The agency will also strive to improve the distribution of Government of Canada securities to individuals.

Debt Operations in 1995-96

Canada issued \$28.5 billion of new market debt over the fiscal year, bringing total market debt to \$466.1 billion by March 31, 1996. Market debt accounts for about 75 per cent of gross federal debt. The remainder (about 25 per cent) comes from internal sources, principally from the various public service pension plans.

Canadian dollar market debt instruments include marketable bonds (conventional fixed-coupon bonds and real return bonds), Treasury bills, and Canada Savings Bonds. Foreign currency market debt instruments include foreign bonds, short- and medium-term note programs and cross-currency interest rate swaps. Outstanding foreign currency liabilities are small in relation to total market debt (4 per cent in 1995-96).

As a result of the debt program's emphasis on debt in fixed-rate form, the proportion of the total outstanding stock of federal debt at fixed rates increased from 55 per cent to 57 per cent during 1995-96.¹

Key features of the 1995-96 debt program include:

- an increase in the average size of Government of Canada fixed-coupon bond auctions to \$2.2 billion, up about \$220 million per issue from fiscal 1994-95, and an increase in target benchmark bond sizes;
- new initiatives in the Real Return Bond (RRB) market, including the introduction of an auction format for the sale of the bonds, the introduction of a new RRB maturity, and the development of an RRB marketing program;
- a new Canada Savings Bond (CSB) option which allows individuals for the first time to purchase CSBs directly in the form of a Registered Retirement Savings Plan;
- two U.S. dollar fixed-rate foreign bond issues totalling U.S. \$3.0 billion; and
- the launch of a U.S. medium-term notes program (Canada notes).

Who holds the federal debt

The distribution of domestic holdings of Government of Canada market debt has shown some important changes over the last decade. Of note is the decline in the share of the personal sector – to 14 per cent from over 40 per cent a decade earlier. The main reason is the fact that Canada Savings Bonds, which may be held only by individuals, have been declining as a proportion of total outstanding debt. Chartered banks account for the largest share of domestically held Treasury bills, while insurance companies and pension funds have the largest holdings of Government of Canada marketable bonds.

¹ The fixed-rate percentage calculation excludes non-interest bearing liabilities such as accounts payable, accruals, matured debt and allowances and provisions.

A significant portion of federal debt is held by foreign investors. Non-resident holdings of the Government of Canada's outstanding market debt are estimated to have reached \$117.7 billion at the end of March 1996 and represent 25 per cent of the government's total market debt, up from 12 per cent a decade ago, but down from the peak level of 27 per cent in 1992-93. Approximately one-third of foreign-held Government of Canada debt rests with U.S. investors, while the remainder is divided between Europe, Japan, and other overseas investors. There is some evidence that in the past year, the share of Canadian debt held by Japanese investors decreased while the share held by European investors increased.

Structure of the Report

The Report is organized as follows: Section 1 describes the major themes and key elements of current federal debt management strategy. Section 2 presents the initiatives being undertaken by Canada Investment and Savings. Section 3 presents the results of the fiscal year 1995-96 debt program. Section 4 documents borrowings by federal Crown corporations. Section 5 describes the distribution of holdings of Government of Canada debt and the changes in those holdings over time. The Report also includes technical annexes related to Government of Canada debt instruments, and reference tables containing historical data on the federal debt.

1. FEDERAL DEBT MANAGEMENT STRATEGY

Debt Management Objective

Canada's debt management objective is to provide stable, low-cost funding for the government.

Principles

Due to the large size of Canada's debt stock, the government needs to borrow continuously and has limited flexibility in its operations. Several key principles underlie Canada's debt strategy:

- all funding required for the government's operations is raised in the domestic market to limit risk and to benefit from the government's inherent advantage as the premier credit in the market;
- a well-functioning market in Government of Canada securities is maintained to achieve lower debt costs. The government focuses on three key attributes in the market: *liquidity* (high turnover and tight bid/offer spreads), *transparency* (open strategy and operations), and *efficiency* (reduced transaction costs);
- the government borrows on a regular, pre-announced basis. Debt management decisions are not tied to macroeconomic policy or views with respect to the level of interest rates; and
- the debt stock is structured prudently to ensure cost stability in view of potential interest rate volatility.

Debt Management Strategy

To achieve the government's objective of stable, low-cost funding, the debt strategy has the following key elements:

- undertaking market initiatives, making adjustments in the debt program and maintaining a broad investor base to enhance the liquidity, transparency and efficiency of the market and to reduce debt charges;
- increasing the fixed-rate portion of the debt from its current level of 57 per cent to the target of 65 per cent to bring greater stability to debt servicing costs;
- maintaining active relations with investors and credit rating agencies; and
- continuing the development of a retail debt program to provide Canadians with greater opportunities to invest in a family of Government of Canada debt products.

Following are detailed descriptions of the key components of current federal debt strategy.

Market Development

The success of the federal debt management strategy is highly dependent on a well-functioning domestic capital market. Traders and investors prefer capital markets which are transparent, liquid and efficient. As a result, such markets produce the lowest costs for borrowers. In Canada's case, the large size of the debt relative to the domestic savings base makes it essential that federal government securities be attractive investments to both domestic and foreign investors. The government's market development initiatives fall into two categories:

- making continuous improvements in the federal debt program; and
- providing active support for broader market initiatives.

Table 1 gives a summary of major initiatives.

Table 1

Major initiatives undertaken to promote efficient Canadian capital markets

Federal Debt Program

- Building large benchmark issues
- Implementing a transparent debt strategy and regular bond calendar
 - announcement of auction maturities in advance
 - quarterly two-, three-, five-, ten- and thirty-year auctions
 - quarterly single-price Real Return Bond auctions
- Using common coupon dates
- Book-based electronic clearing and settlement

Domestic Market

- Removal of tax limitations on cross-border repo transactions
 - Promoting the development of Government of Canada bond and bill futures contracts and strip and swap markets
 - Supporting improved market-price transparency and book-based systems
-

Federal Debt Program Initiatives

A transparent debt strategy, pre-announcing auction calendars and building large bond benchmarks are key elements in improving the liquidity, transparency and efficiency of the Canadian bond market.

Annual debt strategy and quarterly auction schedule announcements are made to increase the market's knowledge about future debt operations and promote efficiency in the market. The debt strategy announcement includes the target for the fixed share of the debt and changes made in the design of the debt program. The 1996 debt strategy press release announced the following:

- an increase in benchmark bond sizes;
- three-year bond auctions four times per year, becoming part of the quarterly bond auction schedule;

- regular quarterly auctions of all benchmark maturities, including Real Return Bonds (RRBs); and
- the use of the quarterly press release to announce the term of all auctions in advance.

It was also indicated that, with the achievement of the target of a 65 per cent debt stock in the next few years, the stock of Treasury bills would decline in size by approximately 25 per cent in that time frame.

Over the past five years, the government has pursued a strategy of building large benchmarks at several maturities through frequent reopenings. The target sizes of the benchmarks have been increased periodically and are announced on an annual basis. The benchmark bond targets for 1996-97 were increased by \$1 billion. Table 2 shows the current targets.

Table 2
Target benchmark sizes for Government of Canada bonds

Benchmark	Target range Fiscal 1996-97
	(billions of dollars)
2-year	\$5 – 7
3-year	\$5 – 7
5-year	\$7 – 10
10-year	\$7 – 10
30-year	\$7 – 10

Source: Department of Finance.

The government also promotes innovation in financing instruments on an ongoing basis to ensure that the debt program design is appropriate and as cost-effective as possible. In 1995-96, the Department of Finance and the Bank of Canada have jointly undertaken an RRB marketing campaign directed at pension fund sponsors. The objective of the campaign is to improve the understanding of the unique nature and benefits of RRBs, which are both a cost-effective financing instrument for the government and a valuable inflation-immunization asset for investors. They also provide a signal of investors' inflation expectations. The recent decision to issue six-month bills in two consecutive weekly auctions with a common maturity date, as was done earlier for one-year Treasury bills, is another example of adapting the debt program to the evolving needs of the market.

Domestic Market Initiatives

Beyond the design and implementation of the federal debt program, the government pursues greater liquidity and efficiency through support of private-sector initiatives in the domestic fixed-income market.

In particular, the Department of Finance and the Bank of Canada have worked with the Montreal Exchange and the investment community in further developing a domestic Government of Canada futures market. There is a highly liquid futures contract based on three-month Bankers' Acceptance rates (the BAX contract) and a relatively active ten-year Government of Canada bond futures contract (the CGB contract).

The government has also provided support for the development of a screen-based information system on the secondary market in Government of Canada securities (CanPX). A joint initiative of the Investment Dealers Association (IDA) of Canada and the Inter-Dealer Brokers Association (IDBA), CanPX was approved by the Ontario Securities Commission (OSC) in May 1996. When implemented, the system is expected to vastly improve price transparency and market efficiency by providing investors with real time prices and trading activity in the broker market. In time, CanPX is intended to be broadened to include benchmark provincial and corporate securities.

The efficiency of the Canadian market has been improved through the placement of Government of Canada bills and bonds on an electronic clearing and settling system. Federal government bonds were placed on the Canadian Depository for Securities' Debt Clearing System (DCS) in 1994, and Treasury bills were put on DCS in November 1995.

The DCS also helped the development of the stripped Government of Canada bond market by providing separate CUSIP (Committee on Uniform Security Identification Procedures) numbers for each cash flow and allowing reconstitution of cash flows back into conventional bonds. Stripping of bonds provides targeted assets for investors and also reduces price anomalies along the Government of Canada yield curve, increasing trading volumes and liquidity.

The introduction of the DCS has also helped reduce transactions costs for repurchase agreements (repos) involving Government of Canada bonds and Treasury bills. Repos are used by market participants as short-term financing and investment instruments. They allow dealers to finance inventories and investors to increase the yield on their portfolio or to cover short positions. The removal of Canadian withholding tax on most cross-border repo transactions in May 1993 contributed to a significant increase in repo trading – from a weekly average of \$153 billion in the first quarter of 1994 to \$230 billion by the first quarter of 1996.

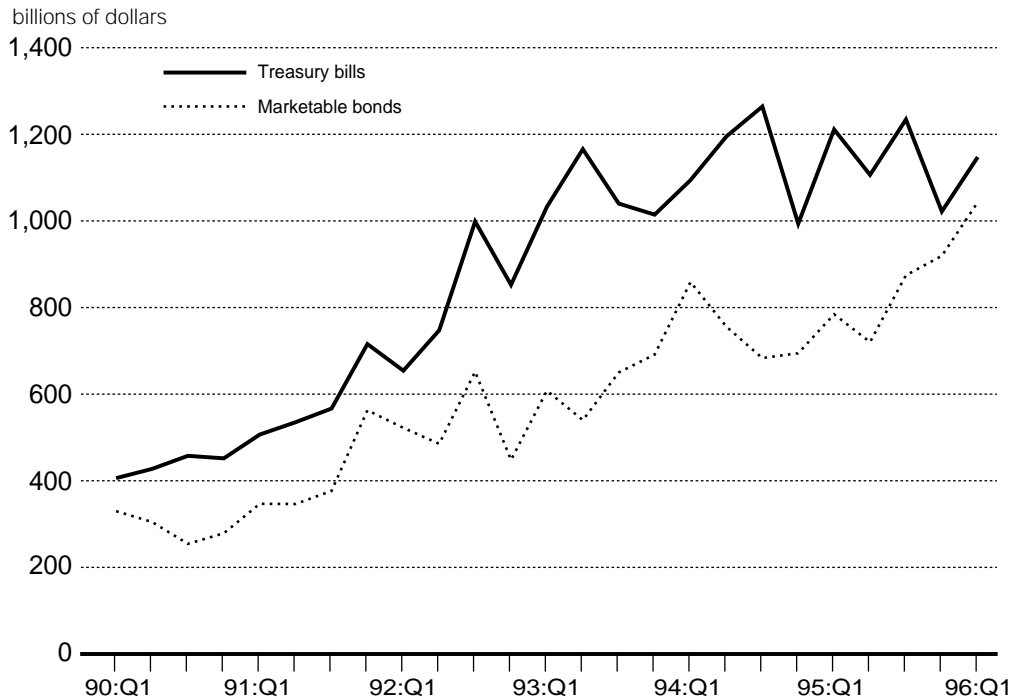
Market Development Achievements

The government's efforts to improve the market over the last several years have helped make Canada's fixed-income market one of the most efficient in the world. One indicator of the efficiency of Canada's financial markets is the trading spreads for instruments (i.e. the difference between the yields at which instruments are offered for sale and for purchase). Trading spreads for Government of Canada Treasury bills and benchmark bonds compare favourably to those of other major international capital markets.

Another indicator of the liquidity of the market is the volume of transactions. Volumes of transactions in the Government of Canada bond market are estimated to have grown by some 316 per cent from \$330 billion in the first quarter of 1990 to \$1,043 billion in the first quarter of 1996. Similarly, in the Treasury bill market, volumes have grown by approximately 283 per cent from \$405 billion in the first quarter of 1990 to \$1,147 billion in the first quarter of 1995 (see Chart 1). Again in proportionate terms, turnover ratios (volume of transactions divided by the stock) in the Canadian markets compare favourably with those of other countries with highly developed capital markets (see Chart 2).

Chart 1

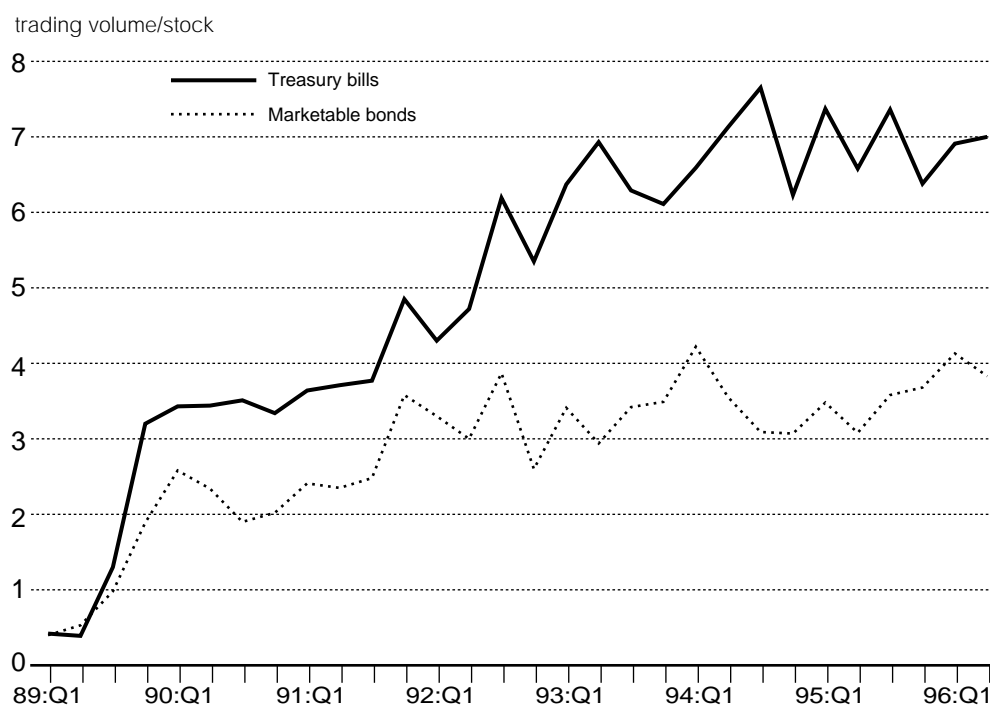
Quarterly domestic Treasury bill and marketable bond turnover¹



¹Figures represent total trading volume in each quarter.

Source: Bank of Canada.

Auction statistics also provide a measure of market performance. Auction coverage ratios (total bids divided by the size of an issue) indicate the depth of the primary market for Government of Canada securities. Coverage may vary according to size and term to maturity, but generally a coverage ratio greater than two indicates good auction performance. The "tail" (difference between the highest accepted yield and the average yield at the auction) also gives a measure of market performance – a tight tail would demonstrate a high level of demand for a particular auction.

Chart 2*Domestic Treasury bill and marketable bond turnover ratio¹*

¹Figures represent total trading volume in each quarter divided by the stock of Treasury bills or marketable bonds as appropriate.

Source: Bank of Canada.

Table 3 summarizes these market performance statistics for Canada over the 1995-96 fiscal year.

Table 3

1995-96 market performance statistics for Treasury bills and benchmark bonds

	Treasury bills	< 3-year bonds	3-10 year bonds	> 10-year bonds	Total bonds
Bid/ask spread (in basis points)	2-3	2-3	1-3	1	1-3
Volume of transactions (\$billions)	4,510	1,141	1,854	554	3,549
Turnover ratio	27.23	15.55	16.00	9.96	14.47
Average auction coverage ratio	2.35	2.26	2.29	2.14	2.26
Average auction tail (basis points)	1.21	0.75	1.32	1.96	1.21

Source: Bank of Canada.

Reducing Sensitivity to Interest Rate Fluctuations

Establishing a prudent debt structure is essential to maintaining investor and credit-rating agency confidence, and key to restoring Canada to a sound financial position. This year's debt strategy continues to focus on the high floating-rate² share of Canada's very large debt, recognizing that market volatility arises from events both inside Canada and from the rest of the world which can have significant effects on Canadian interest rates and the government's fiscal position. Canada's reliance on short-term funding has been noted as a concern by market participants and credit rating agencies. A further consideration is the fact that, in comparative terms, the share of floating-rate debt in Canada is high compared to that of other major sovereigns. In a stable macroeconomic environment with low inflation, a higher floating-rate structure could result in lower debt costs over time. However, there are a number of plausible scenarios for interest rates, including short-term shocks and long-term yield curve inversions, where a more floating-rate structure would result in higher debt charges. Given the government's high level of exposure to interest rate risk, prudent management calls for giving significant weight to those scenarios where debt costs can increase.

The reduction of long-run interest rate risk exposure has been a central feature of debt strategy since 1989. In 1988-89, half of the debt was at fixed rates, and debt managers recognized that the government faced significant exposure to interest rate risk. Since that time, particularly from 1992-93 and onwards, substantial progress has been made in turning the situation around; currently 57 per cent of the debt is at fixed rates. (Chart 3 shows the fixed-rate portion of the debt over the last 15 years.) This structure will protect the government against significant increases in debt interest costs arising from interest rate shocks, but will still allow the government to obtain benefits from fiscal and monetary policies which are designed to produce lower interest rates.

The medium-term target of 65 per cent fixed was set last year. Given the market's ability to absorb ever-larger bond programs and the decline in new financing requirements, it is expected that the target will be achieved as soon as two years from now. Under the new structure, the size of the Treasury bill stock will decline by about 25 per cent within the same time frame.

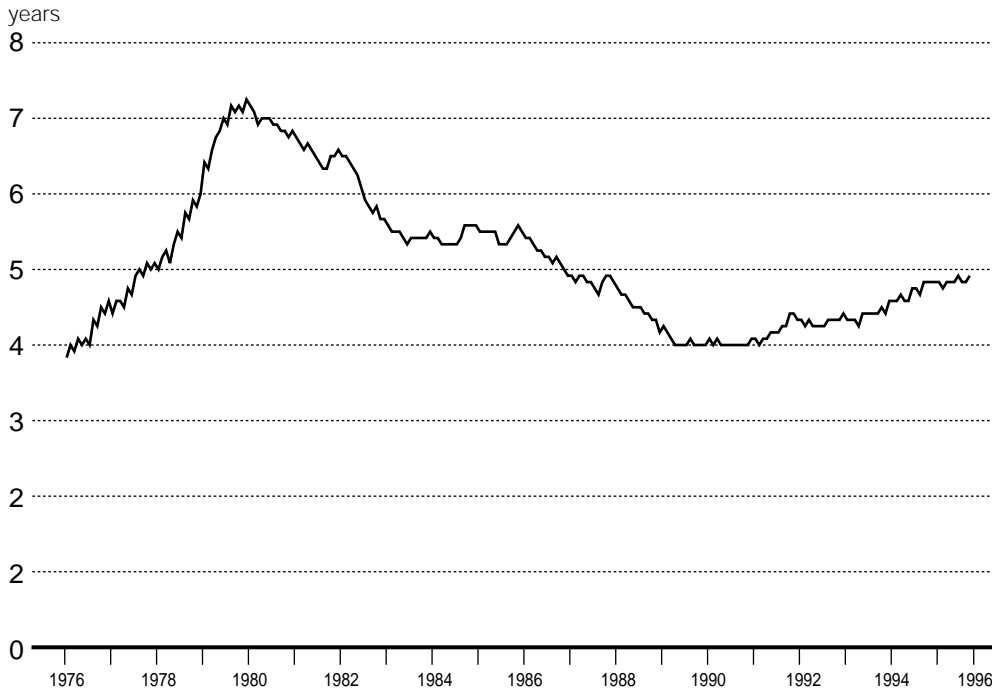
² Floating-rate debt is generally defined as debt that will mature or debt for which the interest rate will reset within one year. This includes Treasury bills, Canada Savings Bonds, as well as any other securities including marketable bonds and pension plan bonds which will be maturing within one year.

Chart 3*Fixed-rate share of total debt, 1981-82 to 1995-96¹*

¹Definition of fixed-rate debt may vary slightly from year-to-year to accommodate changes in the debt structure.

Source: Department of Finance.

Consistent with a higher fixed-rate debt stock, the average term to maturity (ATM) of the debt stock will be lengthened. The ATM of the outstanding Government of Canada marketable debt reached a low of four years in 1989-90, as a large proportion of deficits in the preceding decade was financed by Treasury bills. Since 1992-93, however, as a consequence of the government's strategy to issue a higher proportion of longer-term debt, the marketable debt ATM has increased, reaching a level of 5.0 years at the end of fiscal 1995-96 (see Chart 4).

Chart 4*Average term to maturity of outstanding marketable debt*

Source: Bank of Canada.

Investor Relations and Rating Agencies

The Investor Relations Program enhances the Department of Finance's ongoing dialogue with investors, helping Canada to maintain its status as a preferred investment location. The overriding objective of the program is to provide information to major investors around the world and get feedback from them about investing in Canada. This is accomplished by ensuring timely distribution of information on Canada's economic and fiscal outlook, providing regular dialogue with domestic and international investors, and arranging annual investor missions to Canada from major capital markets. Internationally, the program relies on Canada's Finance Counsellors stationed in major capital market centres for developing and maintaining links with the international investment community.

One highlight from this year's program was a second successful round of post-budget visits, led by senior economic Ministers who spoke to and heard from investors in New York, London, and Tokyo. These sessions were very useful in maintaining international investors' focus on Canada's improved fiscal situation, strong economic fundamentals, and improved economic competitiveness. Also notable this past year was an investor mission from Japan – organized by the Finance Counsellor in Tokyo – which met with governments and firms across the country.

The Department of Finance continues to maintain close contact with rating agencies, providing regular in-depth reviews of the federal government's fiscal planning and the Canadian economic outlook.

Foreign Exchange Reserves

In his March 1996 budget, the minister announced his intention to increase modestly the level of foreign exchange reserves which stood at U.S. \$14.7 billion at the time. Higher reserve levels are in keeping with the growth of activity in the foreign exchange markets and will bring Canada more into line with comparable sovereigns. The level of reserves is being raised through the selective issuance of foreign-denominated debt and by swapping Canadian dollar debt, with the proceeds of these operations used to fund Exchange Fund Account (EFA) investments (the EFA is a reserve of foreign currencies which the Bank of Canada uses from time to time on behalf of the government to maintain orderly markets for the Canadian dollar). Foreign borrowing is used only for this purpose and not to fund domestic operations of the government. Even with the plan to raise foreign exchange reserves modestly, Canada's foreign currency debt remains small in comparison to its Canadian dollar debt (foreign currency debt was 4 per cent of total market debt as of March 31, 1996).

Canada is a relatively scarce name in foreign debt markets, adding "rarity value" to Canadian issues. Limited foreign funding requirements also allow Canada to be a more opportunistic borrower in foreign markets (in contrast to the domestic program), by being selective about the timing and size of its foreign debt issuance depending on market conditions.

The major objective of Canada's reserve financing program is to strike a balance between minimizing the cost and risk of carrying reserves, and achieving a term structure which reduces the need to constantly refinance liabilities. The government's plan is to raise funds at a variety of maturities, with emphasis on reducing annual refinancing. A further objective is to build and maintain a broad investor base.

The government raises foreign currency debt through a growing variety of flexible alternatives. Funding sources include the issuance of short-term debt in the U.S. domestic market through the Canada Bills Program and Canada Notes (U.S. MTN) Program, longer term fixed and floating rate bonds, and cross currency interest rate swaps.

In recent months, a U.S. domestic MTN program, called Canada notes, has been initiated and used to raise over U.S. \$1 billion. A swap of one of the government's domestic bonds has been arranged, providing U.S. \$500 million, and two U.S. \$1 billion global bond issues (one 5-year and one 10-year) were brought to market. All of these initiatives have been well received by the market, and the bond issues occasioned widespread commentary in the market on the greatly improved economic and fiscal fundamentals in Canada. In future months, a EuroMedium Term Note (EMTN) program will also be launched to diversify further the government's financing options.

2. RETAIL DEBT STRATEGY: CANADA INVESTMENT AND SAVINGS

Retail distribution of Government of Canada securities is an important component of the federal government's strategy to diversify the investor base. Encouraging a broad investor base within Canada promotes cost-effective and efficient debt management.

As part of the February 1995 budget, the federal government announced the launch of a new retail debt program, with the objective of providing individual Canadians with better access to Government of Canada securities. The Canada Retail Debt Agency (CRDA) was established shortly thereafter, in August 1995, as a Special Operating Agency within the Department of Finance. On September 19, 1996 the CRDA was renamed Canada Investment and Savings (CI&S). The agency has overall responsibility for developing and executing the marketing strategy, product requirements and distribution for the retail component of the federal government's debt program.

The effort to reinvigorate the government's retail debt program responds to competitive forces which have resulted in significant changes in the retail savings and investment market over the past decade. Financial institutions have seen consumers shift from savings deposit instruments to higher-yielding instruments and mutual funds. Provincial governments, meanwhile, have been more active in promoting their retail offerings.

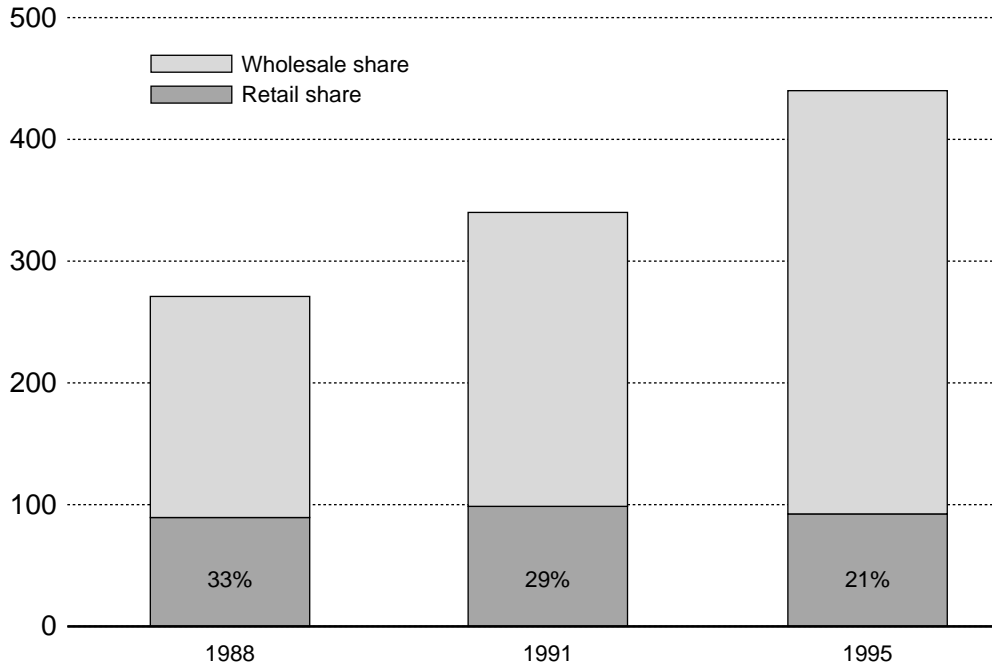
As Chart 5 illustrates, the retail share of the federal government's market debt has fallen from 33 per cent in 1988 to 21 per cent in 1995. Chart 6 shows that CSB sales over the same period declined by 40 per cent in relation to other debt instruments offered by the federal government.

The immediate goal of CI&S is to take action to stop the decline in retail holdings of federal securities. The agency then plans to apply its experience to establish reasonable and realistic longer-term targets for increasing the retail share of Government of Canada debt.

CI&S plans to develop and promote a family of products, including new products aimed at meeting needs that are not currently served by the market. In addition, the agency will also concentrate on facilitating access to government debt obligations by improving current distribution channels and developing new ones. In particular, new, more flexible partnership opportunities with financial institutions will be explored.

Chart 5*Retail and wholesale share of Government of Canada market debt*

billions of dollars

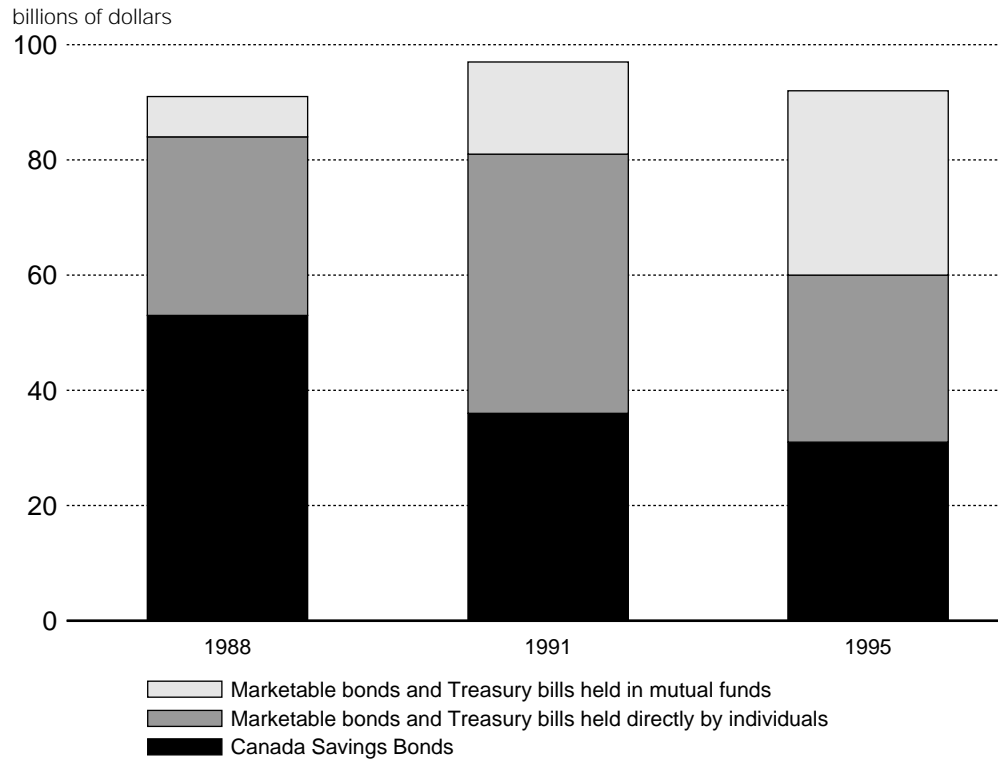


Source: Bank of Canada and Department of Finance.

A number of key steps have already been taken to reinvigorate the government's retail debt program. Two years ago, the government announced its enhanced CSB, with the three-year pricing feature aimed at making CSBs more competitive in an upward-sloping yield curve environment. Last year, the government established the retail agency, and introduced a new CSB option for Registered Retirement Savings Plans. The 1996 issue of Canada Savings Bonds enhances the product further by offering guaranteed minimum annual interest rates for 10 years, compared to 3 years in the previous two issues. CI&S is developing its business strategy and laying the groundwork for a number of initiatives in the coming year, including the introduction of a new RRSP product in February 1997.

In April 1996, Jacqueline C. Orange was appointed as the agency's founding President and Chief Operating Officer. The agency, now headquartered in Toronto, is a small, business-oriented organization with the flexibility to react in today's quickly changing marketplace.

Chart 6
Retail holdings of Government of Canada market debt



Source: Bank of Canada and Department of Finance.

3. GOVERNMENT OF CANADA DEBT MANAGEMENT OPERATIONS AND CASH MANAGEMENT – 1995-96

Overview

The federal government's market debt totalled an estimated \$466 billion on March 31, 1996 – up from \$438 billion one year earlier.

The Government of Canada issued \$28.5 billion of domestic market debt (net of maturing securities) during the 1995-96 fiscal year: \$25.5 billion in fixed-coupon marketable bonds; \$1.4 billion in Real Return Bonds; and \$1.6 billion in Treasury bills. The stock of Canada Savings Bonds increased by \$45 million over the 1995-96 fiscal year.

In addition, the government issued \$1.7 billion in foreign currency bonds (net of maturing securities), and \$0.3 billion in Canada notes. The stock of Canada bills declined by \$2.0 billion, leaving the total outstanding foreign currency debt unchanged.

Table 4 shows the new issuance and outstanding stock of all of these market debt instruments as of March 31, 1996.

Table 4

Government of Canada market debt: March 31, 1996

Instrument	Stock as of March 31, 1996	New issues in 1995-96 (billions of Canadian dollars)		
		Gross issues	Maturing securities	Net issues
Denominated in \$ Canadian				
Fixed-coupon bonds	246.6	50.6	25.1	25.5
Real Return Bonds	5.8	1.4	0.0	1.4
Treasury bills	166.1	390.3	388.7	1.6
Canada Savings Bonds	30.8	4.6	4.6	0.0
Denominated in \$ U.S.¹				
Foreign currency bonds	9.5	4.1	2.4	1.7
Canada bills	7.0	23.5	25.5	-2.0
Canada notes	0.3	0.3	0.0	0.3
Total	466.1	474.8	446.3	28.5

¹ Amounts shown are Canadian dollar equivalents.

Source: Bank of Canada (numbers may vary slightly from Public Accounts due to differences in classification methods).

The government also borrowed internally an estimated \$7.6 billion in 1995-96 (excluding current liabilities), principally from government employee pension plans.

As a result of the debt program's emphasis on debt in fixed-rate (rather than floating-rate) form, the proportion of the outstanding stock of federal debt at fixed rates increased from 55 per cent to 57 per cent during 1995-96.

Following are detailed descriptions of the specific component programs making up the 1995-96 debt program.

Government of Canada Fixed-Coupon Bonds

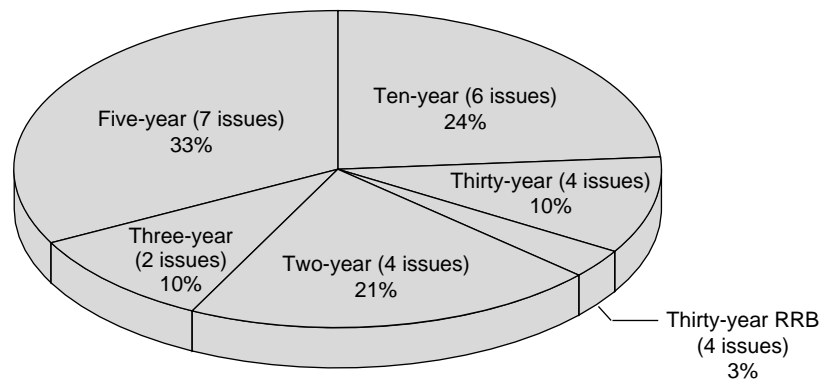
Fixed-coupon Government of Canada marketable bonds are issued in Canadian dollars and pay interest semi-annually. The outstanding stock of these bonds totalled \$246.6 billion at the end of the fiscal year, representing the largest component (at 53 per cent) of the federal government's outstanding market debt. Issuance of fixed-coupon bonds is the key means by which the government can increase the share of the federal debt at fixed rates.

Gross issues of Government of Canada fixed-coupon bonds (excluding Real Return Bonds) totalled \$50.6 billion in fiscal 1995-96. Of this amount, \$25.1 billion was used to finance maturing bonds, while \$25.5 billion represented net new issues. (See Reference Table IX for a summary of gross issues during fiscal 1995-96, and Reference Table X for a list of all bond issues outstanding on March 31, 1996.)

The average term to maturity of the fixed-coupon bonds offered during the year was eight years. (Chart 7 shows the distribution of issues in the bond program by approximate term to maturity.)

Chart 7

Fiscal 1995-96 fixed-coupon bond program



Note: Figures may not add due to rounding.

Source: Department of Finance.

The government has pursued a strategy to improve liquidity in the Canada bond market through larger benchmark bond sizes. The average size of the 23 Government of Canada bond auctions during the year was \$2.2 billion, up about \$220 million per issue from fiscal 1994-95. In March 1995, target sizes for benchmark issues were maintained at \$4 to \$6 billion for two- and three-year bonds; and at \$6 to \$9 billion for five-, ten- and thirty-year bonds (these targets were increased in March 1996 to new ranges of \$5 to \$7 billion for two- and three-year bonds and \$7 to \$10 billion for five-, ten- and thirty-year bonds). Building upon the success of its continuing quarterly cycle of two-, five- and ten-year auctions, the government issued thirty-year bonds as part of its quarterly auction cycle. In addition, three-year bonds were successfully reintroduced in 1995-96 (in the first two quarters of the fiscal year).

Real Return Bonds

In November 1991, the government introduced a program of Real Return Bonds (RRBs) whose return is linked to changes in the consumer price index. This instrument represents cost-effective diversification of the marketable bond program for the government as the implied real rates on comparable nominal bonds generally exceed the real rate offered on RRBs. Real Return Bonds also have value for institutional investors whose long-term liabilities are related to the rate of inflation, and for retail investors, principally for their RRSPs.

In 1995-96, the government issued a total principal amount of \$1.4 billion in four separate issues. This was less than the government had planned to issue. Investor demand for RRBs fell short of expectations, in part because of the high implied real yields on nominal Canada bonds compared to real rates offered on RRBs.

There were a number of initiatives taken during the fiscal year to improve issuance levels and liquidity of the bonds. The first initiative was the introduction of auctions using a single-price (Dutch) auction format as the initial step in the move to an all-auction distribution of RRBs. The auctions were well received by market participants.

A second initiative was the introduction of a new RRB maturity (of December 1, 2026), five years longer than the original bond. Investors had indicated a desire to begin a new benchmark RRB with roughly 30 years to maturity. (The outstanding nominal amount of the original RRB stands at \$5.175 billion.) The new maturity was well received at auction and is part of the program's long-run objective of establishing a real-yield Canada curve.

A third initiative in 1995-96 was the development of a marketing program for RRBs aimed at pension plan sponsors with the objectives of improving investors' awareness of the benefits of these bonds and of increasing the target amount of RRBs held in pension plan portfolios. This initiative included the development of marketing material and one-on-one meetings and seminars with major Canadian Pension Plan sponsors.

Floating-Rate Borrowing

Table 5 shows a comparison of the size and cost of the various floating-rate financing alternatives available to the government; Treasury bills which form the bulk of the government's floating rate debt, interest rate swaps and CSBs.

Table 5
Selected floating-rate statistics, fiscal 1995-96

	Gross issuance	Average rate ¹
	(billions of dollars)	(per cent)
Treasury bills:		
Cash management	24.0	7.17
Three months	198.7	6.35
Six months	101.7	6.49
Twelve months	65.9	6.52
Interest rate swaps	0	–
Canada Savings Bonds	4.6	5.25

¹ For Treasury bills, weighted average tender yields during the fiscal year. For Canada Savings Bonds, average rate earned on bonds sold in the 1995 campaign.

Source: Department of Finance.

The Treasury Bill Program

On a weekly basis, Treasury bills with terms to maturity of three, six and twelve months are offered to meet part of the new financial requirements of the government and to refinance maturing Treasury bills. In order to enhance liquidity of one-year Treasury bill issues, the government issues one-year bills in two consecutive weekly auctions with a common maturity date (this practice was also recently adopted for six-month Treasury bills). Cash management bills of shorter maturity than typical Treasury bills are issued from time to time to facilitate the management of the government's cash balances.

The outstanding stock of Treasury bills increased by \$1.6 billion during 1995-96 to \$166.1 billion. Total gross issuance of Treasury bills in 1995-96, at \$390.3 billion, was more than double the outstanding stock, reflecting the short term to maturity and frequent turnover of these instruments. (See Reference Table VI for a list of all Treasury bill issues during the fiscal year.)

The Canadian dollar interest rate swap program

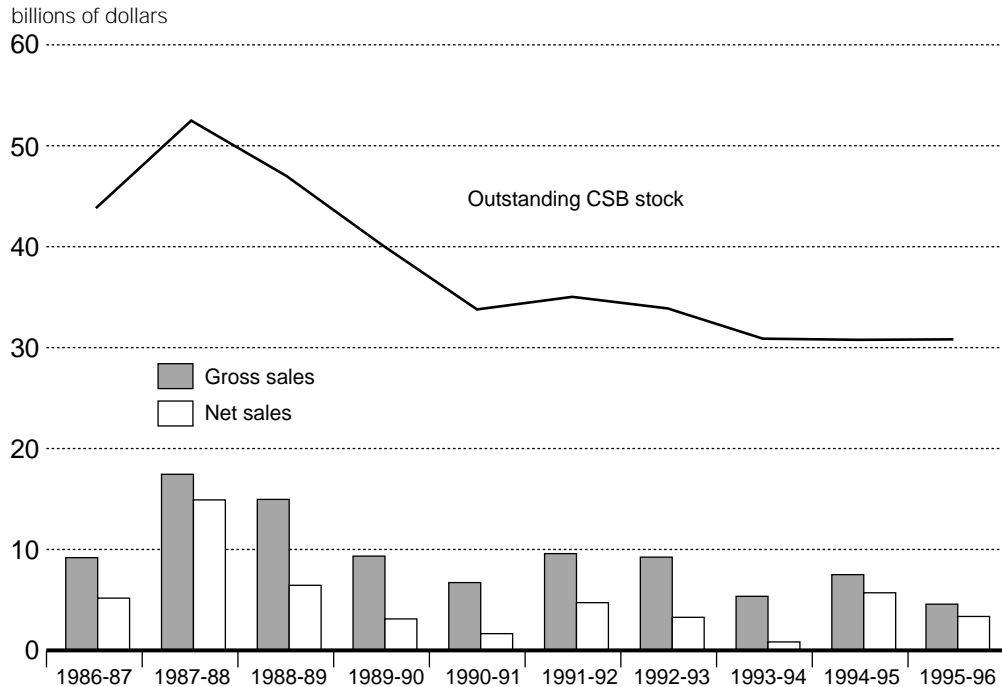
Since February 1988, as opportunities have arisen, Canada has entered into domestic fixed-to-floating interest rate swap agreements with selected counterparties. These agreements make use of Canada's relative advantage as the benchmark issuer in fixed-rate debt to obtain floating-rate funds at rates below those on Treasury bills.

During fiscal 1995-96, no new swaps were entered into by the government to raise domestic floating-rate funding because swap spreads were not attractive. With the total stock of \$5.6 billion outstanding at March 31, 1996, debt costs are lower by an estimated \$28 million per year when compared to the cost of borrowing the same amount in the Treasury bill market.

Canada Savings Bonds

In 1995, a new Canada Savings Bond (CSB) option was introduced which allowed individuals for the first time to purchase CSBs directly in the form of a Registered Retirement Savings Plan (RRSP) without the need for a self-directed plan and on a no-fee basis. The 1995 CSB series also featured the three-year escalating pricing feature that was first introduced in the 1994 campaign. The rates for 1995 were set at 5.25 per cent for the first year, 6.0 per cent for the second year and 6.75 per cent for the third year.

The sales period was initially slated to run from October 10 to November 1, 1995. Due to weak sales and circumstances in the month of October (i.e. the Quebec referendum), the campaign was extended to November 10. Gross sales for the 1995 campaign were \$4.6 billion, a decrease of 39 per cent from the previous year. However, net sales of \$3.4 billion were slightly above the net sales average over the past five years (\$3.2 billion). The total par value of CSBs outstanding on March 31, 1996 was \$30.8 billion (see Chart 8). Sales through the Payroll Savings Plan in 1995 – at \$1.6 billion – were down 4 per cent from the previous year. About 16,000 companies offered the Payroll Savings Plan to their employees. During the campaign period, sales of the new CSB-RRSP option amounted to \$33.4 million. The RRSP option was also extended to all outstanding CSB series in January 1996, bringing the total outstanding in the CSB-RRSP option to more than \$65 million.

Chart 8*CSB sales and stock over the past decade¹*

¹Gross and net sales figures shown are for the CSB campaign period. Net sales are equal to gross sales less redemptions during the period.

Source: Canada Investment and Savings, Bank of Canada.

Canada's Foreign Currency Debt

Canada borrows in foreign currencies for the purpose of raising foreign exchange reserves for the Exchange Fund Account. These reserves are used to promote order and stability of the Canadian dollar on the foreign exchange market. The federal government's foreign currency debt is currently denominated exclusively in U.S. dollars and amounts to about 4 per cent of its outstanding market debt. On March 31, 1996, foreign currency debt outstanding, including cross-currency interest rate swaps of domestic bonds, stood at U.S. \$13.2 billion (\$17.9 billion in Canadian dollar terms). Foreign currency liabilities were more than fully matched by foreign currency assets in the form of international reserves, which totalled approximately U.S. \$17.0 billion.

As of March 31, 1996, the foreign currency debt portfolio consisted of Canada bills, Canada notes, a U.S. \$2 billion floating-rate note, and marketable bonds. Canada also obtains foreign-denominated funding through cross-currency interest rate swaps of domestic bonds. Cross-currency interest rate swaps outstanding as of March 31 totalled U.S. \$786 million.

Table 6
Composition of foreign currency debt as of March 31, 1996

Type of security	Amount
	(billions of U.S. dollars)
Canada bills	5.1
Canada notes	0.2
Floating-rate notes	2.0
Bonds	5.0
<i>Total foreign currency liabilities</i>	<i>12.3</i>
Cross-currency interest rate swaps	0.8
Total liabilities payable in \$ U.S.	13.2

Source: Department of Finance. (Totals may not add due to rounding.)

Canada Bills

Canada bills, short-term promissory notes denominated in U.S. dollars, are regularly issued in the U.S. market, as a source of low-cost U.S. dollar funding. At the end of 1995-96, 39 per cent (or \$5.1 billion) of the government's outstanding foreign currency debt was in the form of Canada bills. The stock of Canada bills decreased from \$6.5 billion at the end of the 1994-95 fiscal year. The proceeds of these issues are invested in high-quality U.S. dollar denominated assets.

Cross-currency interest rate swaps

On March 29, 1996, the government entered into a cross currency interest rate swap of Canadian dollar fixed-rate debt into \$500 million of U.S. fixed rate debt. This swap brings the total amount of swaps outstanding to U.S. \$786 million. (Canada swapped \$400 million of Canadian dollar debt into U.S. \$286 million in March 1995.)

Foreign-Denominated Bonds

As of March 31, 1996, Canada had U.S. \$5.0 billion in fixed-rate bonds and a U.S. \$2.0 billion floating-rate note outstanding. U.S. \$3.0 billion of fixed-rate bonds were issued in the 1995-96 fiscal year.

- **Global U.S. \$1.5 billion five-year bond issue**

In May 1995, the government launched its first-ever global bond which was sold to investors in Asia, Europe and North America. The 6½ per cent five-year issue was met with very strong demand and was priced at U.S. Treasuries plus 25 basis points. The issue received recognition as "global bond of the year" by the *International Financing Review*.

- **Global U.S. \$1.5 billion ten-year bond issue**

In July 1995, the government followed up the success of its first global bond with a U.S. \$1.5 billion ten-year global bond issue. Once again, the issue was well received by investors around the world, allowing it to be priced at a cost of 36 basis points over U.S. Treasuries.

The government also issued two global bonds in the 1996-97 fiscal year.

- **Global U.S. \$1.0 billion five-year bond issue**

On May 30, 1996 Canada issued a U.S. \$1.0 billion 6½ per cent five-year global bond due May 30, 2001. Favourable market conditions provided an opportunity to raise funds in order to increase the level of Canada's foreign exchange reserves (a decision announced in the 1996 budget). The issue was well received by a broad, global investor base, which allowed it to be priced at 14 basis points over U.S. Treasuries.

- **Global U.S. \$1.0 billion ten-year bond issue**

On August 28, 1996, Canada issued a U.S. \$1.0 billion 6¾ per cent ten-year global bond due August 28, 2006. Again, the funds were raised in order to increase the level of Canada's foreign exchange reserves. The issue was priced at 29 basis points over U.S. Treasuries and was positively viewed by the market.

Canada notes

In March, 1996, Canada launched a U.S. medium term note program. The program, called Canada notes, diversifies the sources of funds for Canada's official exchange reserves. The Canada Notes Program will be used as required to raise fixed and floating rate funding for terms longer than nine months. In its initial stages, the program has raised significant fixed rate funds (\$1.4 billion by September 30, 1996) at very attractive rates.

The Management of the Government's Cash Balances

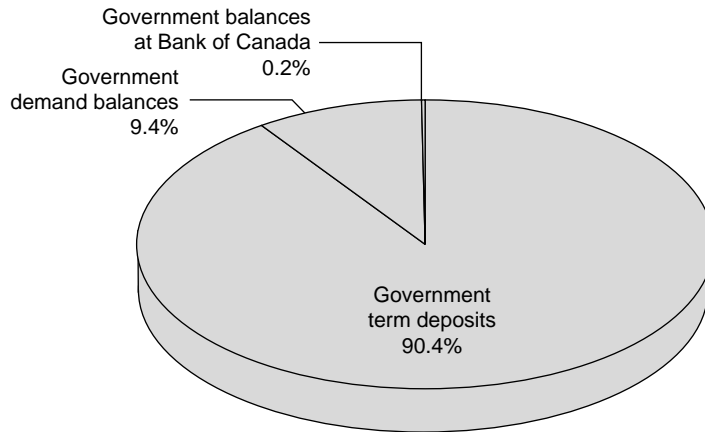
The main priority in managing cash balances is to ensure that the government has sufficient cash to meet its daily needs. This requires careful forecasting and monitoring of the daily flows, as well as an ongoing borrowing program to refinance maturing debt and to maintain the balances at the targeted level. There is inherent uncertainty in forecasting daily changes in cash balances, owing to the scope of the government's financial operations, the operations of the Bank of Canada, and the volatility of markets. This means that an adequate level of cash balances must be maintained at all times. Cash balances do not sit idle, as they are reinvested in the market at market rates.

Through an auction process, all cash balances are invested directly with clearing members of the CPA as either term or demand deposits. In order to earn competitive market rates of return, balances in excess of daily operating requirements have been auctioned to direct clearers as term deposits since 1986. In 1989, the auction format was extended to demand deposits.

The level of the government's daily cash balances (term and demand) averaged \$6.0 billion in fiscal 1995-96, compared to \$2.4 billion in 1994-95, reflecting increased market volatility and the liquidity needs of a very large financing program (see Chart 9). Term deposits, typically for terms ranging between 1 and 11 days, averaged \$5.4 billion, \$3.5 billion higher than the previous fiscal year. Earnings on term balances averaged 6.19 per cent, almost unchanged from 6.17 per cent in the prior year. Average demand balances, at \$563 million, were \$46 million higher than in 1994-95, and earned 4.66 per cent (compared to 4.34 per cent the previous year).

Chart 9

Average level of Government of Canada cash balances, fiscal year 1995-96



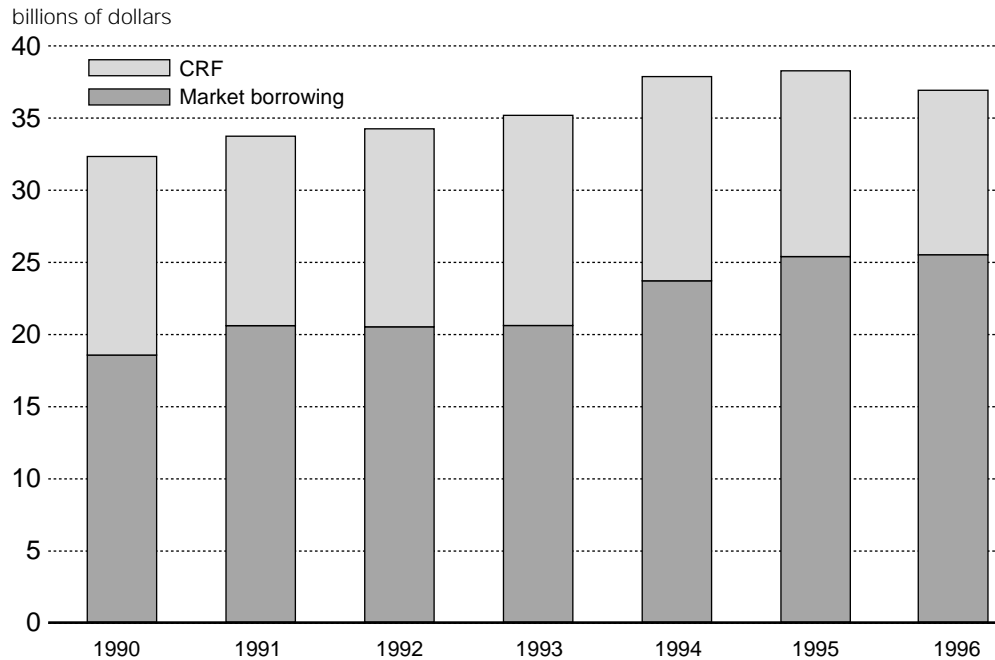
Source: Department of Finance.

4. BORROWINGS BY CROWN CORPORATIONS

In order to assess fully the government's total impact in financial markets, it is necessary to include the market borrowings of federal Crown corporations, which carry a government guarantee. Reference Tables XI and XII provide information on Crown corporation borrowings from the market and from the Consolidated Revenue Fund. As illustrated in Chart 10, total outstanding borrowings by Crown corporations increased from \$32.2 billion at the end of fiscal 1989-90 to \$36.9 billion at the end of fiscal 1995-96, reflecting an increase in market borrowings from \$18.4 billion to \$25.5 billion and a decrease in Consolidated Revenue Fund borrowings from \$13.7 billion to \$11.4 billion.

Chart 10

*Borrowings by Crown corporations
as of March 31*



Sources: Receiver General, *Public Accounts of Canada*,
Public Works and Government Services Canada, *Summary Quarterly Financial Statements of Crown corporations*.

5. DISTRIBUTION OF HOLDINGS OF GOVERNMENT OF CANADA DEBT

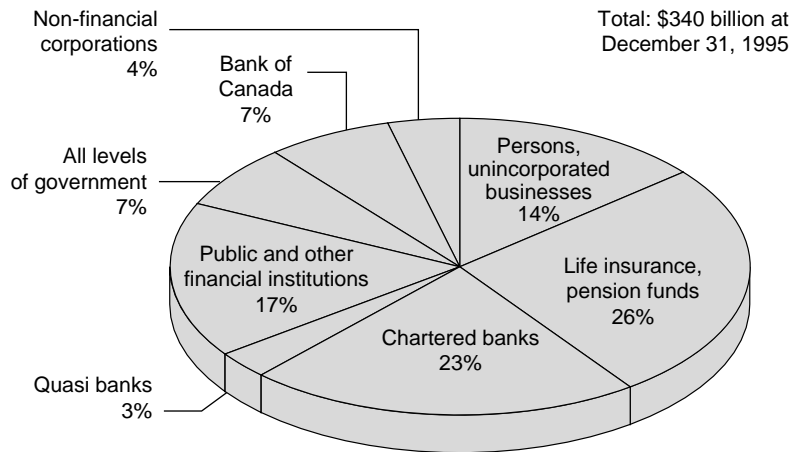
Domestic Holdings of Government of Canada Debt

Life insurance companies, pension funds and chartered banks remain the sectors with the largest holdings of Government of Canada market debt (see Chart 11). Total holdings of market debt by persons and unincorporated businesses fell by nearly 4 per cent of their 1994 level in 1995, while holdings by life insurance and pension funds increased over 10 per cent. Holdings by chartered banks rose just over 9 per cent in 1995.

Reference Table IV shows the evolution of the distribution of domestic holdings of Government of Canada debt over the past 20 years. Noteworthy is the decline in the past few years in the holdings of the personal sector, mirrored by an increase in the holdings of life insurance and pension funds, and chartered banks.

Chart 11

Distribution of domestic holdings of Government of Canada market debt



Note: Figures may not add due to rounding.

Source: Statistics Canada, *The National Balance Sheet Accounts*.

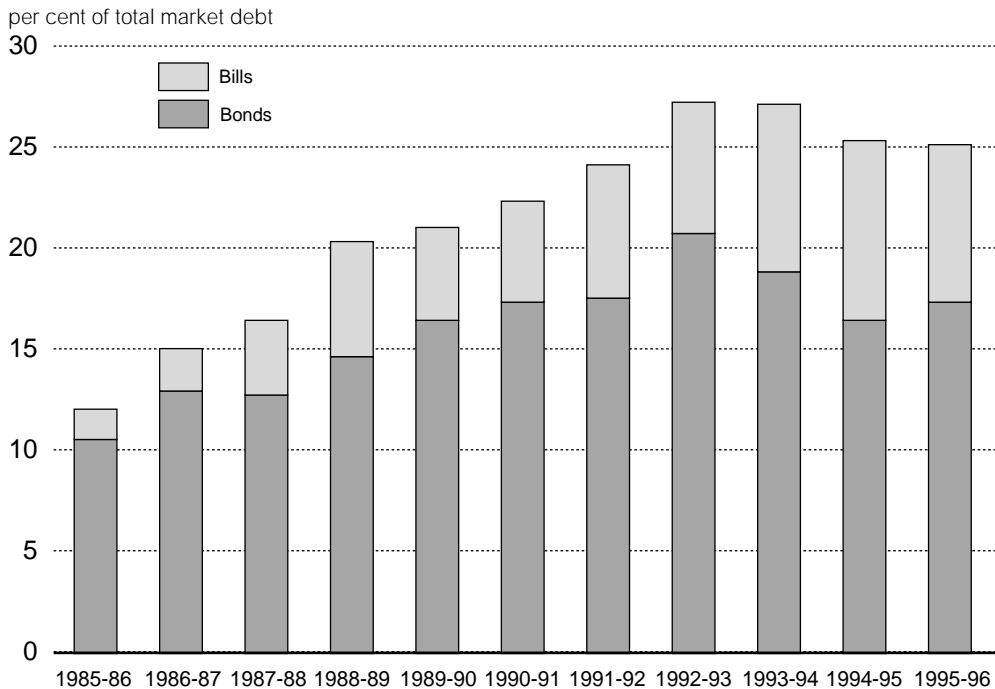
Non-Resident Holdings of Government of Canada Debt

Non-resident holdings of the Government of Canada's outstanding market debt are estimated to have reached \$117.7 billion at the end of March 1996, up \$6.5 billion from a year earlier. Non-resident holdings represented 25 per cent of the Government of Canada's total market debt at the end of fiscal 1995-96, up from 12 per cent at the end of fiscal 1985-86, but down from the peak level of 27 per cent in 1992-93. In fiscal 1995-96, non-resident holdings of Government of Canada marketable bonds increased by \$9.1 billion. Non-resident holdings of Treasury bills declined by \$2.6 billion over the fiscal year (see Reference Table V). Non-residents held 31 per cent of outstanding Government of Canada marketable bonds at the end of fiscal 1995-96, unchanged from its share as of 1994-95. Non-resident holdings of Treasury bills amounted to 21 per cent of total bills outstanding at the end of March 1996, down 3 percentage points from its share one year earlier (see Chart 12).

Approximately 1/3 of foreign-held Government of Canada debt rests with U.S. investors, while the remainder is divided between Europe, Asia, and other investors worldwide. There is some evidence that in the past year, the share of Canadian debt held by Japanese investors decreased while the share held by European investors increased.

Chart 12

Non-resident holdings of Government of Canada debt



Source: Statistics Canada, *Canada's International Transactions in Securities*.

ANNEX 1: GOVERNMENT OF CANADA MARKET DEBT INSTRUMENTS

Fixed-Coupon Marketable Bonds

Government of Canada marketable bonds are generally available in denominations ranging from \$1,000 to \$1,000,000. As of December 1, 1993, new issues of Government of Canada bonds are issued in fully registered form only. With the exception of the 3¾ per cent bonds maturing March 15, 1998, all Canadian dollar marketable bonds are non-callable. All Canadian dollar marketable bonds pay interest semi-annually.

Issues of government bonds are sold via public tender, with the Bank of Canada acting as the government's fiscal agent, to primary distributors made up of Canadian securities dealers and a small number of Canadian chartered banks. Typically, these sales are via bid-price auction.

There is an extensive domestic secondary market in marketable bonds. Government of Canada bonds are the benchmark bonds in the Canadian bond market, and are very liquid. Market participants buy and sell bonds quite actively in this market.

Treasury Bills

Government of Canada Treasury bills are issued in denominations ranging from \$1,000 to \$1,000,000.

Issues of Treasury bills are sold by public tender on a discount basis, with the Bank of Canada acting as the government's fiscal agent, to primary distributors made up of Canadian securities dealers and chartered banks. Treasury bills with terms to maturity of three, six, or twelve months are auctioned on a weekly basis, typically on Tuesday for delivery Thursday. To increase their size and liquidity, the government issues fungible six-month and one-year bills, in which two consecutive regular weekly auctions are accumulated on one common maturity date. For one-year (six-month) bills, 364-day (182-day) bills are issued in the first week of a two-week cycle, while in the second week, 357-day (175-day) bills are issued.

There is an extensive secondary market in Treasury bills. Chartered banks, securities dealers, and the general public buy and sell Treasury bills in this liquid market.

Canada Savings Bonds

CSBs are offered for sale by most Canadian financial institutions for a limited time during the fall campaign. To facilitate their purchase, many Canadians elect to purchase CSBs through payroll deductions.

Except in certain specific circumstances, Canada Savings Bonds can only be registered in the name of residents of Canada, and are available in both regular-interest and compound-interest forms. Denominations range from \$100 to \$10,000; all CSBs are non-callable, and, except in certain limited circumstances, non-transferable.

CSBs pay a competitive rate of interest which is guaranteed for one or more years. They may be cashed at any time, and, after the first three months, pay interest up to the end of the month prior to encashment.

Government of Canada Real Return Bonds

Government of Canada Real Return Bonds pay semi-annual interest based upon a real coupon interest rate. Unlike standard fixed-coupon marketable bonds, interest payments on Real Return Bonds are adjusted for changes in the Canadian consumer price index. At maturity, bondholders will receive, in addition to a coupon interest payment, a final payment equal to the sum of the principal amount and the sum of the accrued inflation compensation from the original issue date. These bonds must be purchased, transferred, or sold directly or indirectly through a participant of the CDS book-entry system and only in integral multiples of \$1,000. Primary distribution has been through a syndicate of Canadian securities dealers and via single-price auction.

While the level of outstandings in these bonds is small compared to that of fixed-coupon marketable bonds, a secondary market in these bonds is developing. The major participants in this market are Canadian securities dealers, insurance companies, and pension funds.

Canada Bills

Canada bills are promissory notes denominated in U.S. dollars and only available in book-entry form. They mature not more than 270 days from their date of issue and are discount obligations with a minimum order size of U.S. \$1,000,000 and a minimum denomination of U.S. \$1,000. Delivery and payment for Canada bills occur in same-day funds at the offices of Chase Manhattan Bank in New York City.

Primary distribution of Canada bills occurs through five issuing agents, RBC Dominion Securities Inc., Wood Gundy Inc., Goldman, Sachs & Co., Lehman Brothers and CS First Boston. Rates on Canada bills are posted daily, for terms of one to six months.

There is a small secondary market in Canada bills. Participants in this market include U.S., Canadian and international financial institutions.

Canada Notes

Canada notes are promissory notes denominated in U.S. dollars and available in book-entry form. They mature not less than 270 days from their date of issue. Minimum order size is U.S. \$5,000,000 and minimum denomination is U.S. \$1,000. Delivery and payment for Canada notes occur at the offices of the Bank of Montreal Trust Company in New York City.

Primary distribution of Canada notes occurs through five issuing agents, Nesbitt Burns Inc., Scotia Capital Markets Inc., Goldman, Sachs & Co., CS First Boston, and Lehman Brothers.

ANNEX 2: THE PRIMARY DISTRIBUTION OF GOVERNMENT OF CANADA FIXED-COUPON MARKETABLE BONDS AND TREASURY BILLS

The Government of Canada does not deal directly with the public in the distribution of its domestic marketable debt but transacts through a group of financial intermediaries known as primary distributors.

There are at present some 33 firms which participate in the primary distribution of bonds and Treasury bills. These primary distributors are investment dealers and chartered banks based in the major financial centres in Canada. Investment dealers have to be licensed by a provincial securities commission and be a member of the Investment Dealers Association. Banks are regulated by the Office of the Superintendent of Financial Institutions. The list of primary distributors has evolved over time. Additions to and deletions from the list of firms allowed to bid at auctions are made only after a sustained evaluation of a firm's performance over an extended period of time.

In order to be eligible as a primary distributor, a firm must meet certain reporting, performance, and distribution criteria set by the Bank of Canada in its role as the government's fiscal agent.

Those primary distributors active in both bond and Treasury bill markets may apply to become Bank of Canada jobbers. This is the core group of market makers that the Bank deals with in its monetary policy operations and, since they are the largest firms, they are also the dominant group among the primary distributors.

Investment dealer jobbers have resort, at the Bank Rate, to Purchase and Resale Agreements (PRA) with the Bank of Canada in Government of Canada direct securities up to an assigned maximum. Bank jobbers, which already have a line of credit with the Bank for settlement purposes, are not eligible for PRA. Both investment dealer and bank jobbers are eligible for Special Purchase and Resale Agreements with the Bank in the same collateral, but at the Bank's initiative at the Bank Rate.

Jobbers have a number of responsibilities in addition to those of primary distributors. They are expected to bid at every Treasury bill and bond auction so as to provide coverage of auctions as a group, to consistently make markets in Treasury bills and bonds to a broad customer base, and to provide the Bank with assessments of market conditions, weekly statistical reports, and audited financial statements.

ANNEX 3: SELECTED NEWS SERVICE PAGES OF INTEREST TO GOVERNMENT OF CANADA DEBT MARKET PARTICIPANTS

Dow Jones Telerate

261	– Exchange Rates
3105	– U.S./Canada combined capital markets page
3109	– Quarterly bond auction schedule
3110	– Latest marketable bond auction results
3111	– Treasury bill auction results
3112	– Cumulative excess settlement balances/overnight rate
3114	– Swap program highlights
3143	– Multicontributor page – Government of Canada bonds
3144	– Multicontributor page – Government of Canada Treasury bills
3159	– Canadian yield curves/spread differentials to U.S.
3190	– Canadian money markets page
3193	– Cash management bill auction Results
3195	– Latest RRB auction results
3196	– Canadian Government bonds and interest rate swaps
3197	– 10 a.m. fixing – Canadian B.A. rates
3198	– 10 a.m. fixing – Government of Canada Treasury bills
9728	– 10:30 a.m. Bank of Canada jobber averages – Treasury bills, B.A.'s, and Commercial paper
27455	– 10-year CGB futures (Montreal Exchange)
27456	– BAX futures (Montreal Exchange)
27458	– 10-year bond cheapest-to-deliver (CGB futures) implied repo rate

Reuters

BOFC	– Exchange rates
CDMM	– Summary page, short-term Canadian money market
CDBN	– Summary page, Canadian bonds
CDBL	– Canada – U.S. yield curves
CDOR	– 10 a.m. fixing – Canadian B.A. rates
CDOS	– 10 a.m. fixing – Canadian Treasury bill rates
FPRH	– Swap quotes
BAX <F3>	– BAX futures, Montreal Exchange
BAR <F3>	– BAR futures, Montreal Exchange

Department of Finance Home Page Internet Address

<http://www.fin.gc.ca/fin-eng.html>

Bank of Canada Home Page Internet Address

<http://www.bank-banque-canada.ca>

REFERENCE TABLES

I	Gross public debt, outstanding market debt, and debt charges	41
II	Government of Canada outstanding market debt	42
III	Average weekly domestic market trading in Government of Canada securities, January to March 1996.....	43
IV	Distribution of domestic holdings of Government of Canada securities.....	44
V	Foreign holdings of Government of Canada debt.....	50
VI	Fiscal 1995-96 Treasury bill program	51
VII	Canada Savings Bonds, fiscal 1982-83 to fiscal 1995-96.....	53
VIII	Government of Canada interest rate swaps outstanding – March 31, 1996.....	54
IX	Fiscal 1995-96 fixed-coupon bond program.....	55
X	Outstanding Government of Canada fixed-coupon bonds as at March 31, 1996	56
XI	Crown corporation market borrowings	60
XII	Crown corporation borrowings from the Consolidated Revenue Fund	61

Reference Table I

Gross public debt, outstanding market debt, and debt charges

Fiscal year	Gross public debt			Outstanding market debt ²			Average Interest rate (per cent)
	Outstanding (\$ billions)	Fixed-rate portion ¹ (per cent)	Total debt charges (\$ billions)	Outstanding (\$ billions)	Fixed-rate Portion (per cent)	Total debt charges (\$ billions)	
1985-86	273.3	51.9	25.4	201.4	36.8	20.7	10.68
1986-87	307.1	50.9	26.7	227.4	37.2	21.5	9.37
1987-88	338.3	51.2	29.0	249.2	38.6	23.1	9.62
1988-89	369.6	49.6	33.2	274.2	37.6	26.5	10.83
1989-90	395.3	49.9	38.8	292.2	38.5	31.4	11.22
1990-91	431.3	50.4	42.6	321.1	38.9	34.3	10.73
1991-92	465.1	50.7	41.2	348.9	39.3	32.4	8.85
1992-93	501.6	50.4	38.8	379.8	39.4	29.4	7.86
1993-94	544.1	53.3	38.0	410.9	43.1	28.0	6.73
1994-95	582.9	55.1	42.0	437.6	44.8	31.4	7.96
1995-96	622.8	56.9	46.9	466.1	48.3	35.3	7.33

¹ After adjusting for non-interest bearing liabilities. Definition of fixed debt may vary slightly from year to year to accommodate changes in the debt structure.

² Does not include bonds for the Canada Pension Plan. Average interest rate is also calculated excluding these bonds.

Sources: Public Accounts of Canada, Bank of Canada Review, Department of Finance estimates.

Reference Table II
Government of Canada outstanding market debt¹

Fiscal year	Payable in Canadian dollars				Payable in foreign currencies							Total market
	Treasury bills	Marketable bonds	CSBs	Total	Marketable bonds	Canada bills	Canada notes	Standby drawings	Terms loans	Total		
1977-78	11,295	21,645	18,036	50,976	181	0	0	850	0	1,031	52,007	
1978-79	13,535	26,988	19,443	59,966	3,319	0	0	2,782	1,115	7,216	67,182	
1979-80	16,325	33,387	18,182	67,894	3,312	0	0	359	1,030	4,701	72,595	
1980-81	21,770	40,976	15,966	78,712	3,236	0	0	355	1,046	4,637	83,349	
1981-82	19,375	43,605	25,108	88,088	3,867	0	0	0	550	4,417	92,505	
1982-83	29,125	48,473	32,753	110,351	4,872	0	0	0	362	5,234	115,585	
1983-84	41,700	56,976	38,403	137,079	4,306	0	0	510	398	5,214	142,293	
1984-85	52,300	69,354	42,167	163,821	4,972	0	0	1,909	1,172	8,053	171,874	
1985-86	61,950	81,163	44,607	187,720	9,331	0	0	2,233	2,247	13,811	201,531	
1986-87	76,950	94,520	43,854	215,324	9,120	1,045	0	0	2,047	12,212	227,536	
1987-88	81,050	103,899	52,558	237,507	8,438	1,045	0	0	2,257	11,740	249,247	
1988-89	102,700	115,748	47,048	265,496	6,672	1,131	0	0	934	8,737	274,233	
1989-90	118,550	127,681	40,207	286,438	4,364	1,446	0	0	0	5,810	292,248	
1990-91	139,150	143,601	33,782	316,532	3,555	1,008	0	0	0	4,563	321,095	
1991-92	152,300	158,059	35,031	345,390	3,535	0	0	0	0	3,535	348,925	
1992-93	162,050	178,436	33,884	374,370	2,926	2,552	0	0	0	5,478	379,848	
1993-94	166,000	203,373	30,866	400,239	5,019	5,649	0	0	0	10,668	410,907	
1994-95	164,450	225,513	30,756	420,719	7,875	9,046	0	0	0	16,921	437,640	
1995-96	166,100	252,411	30,801	449,312	9,514	6,986	310	0	0	16,810	466,122	

(in millions of Canadian dollars)

¹ Subcategorization of Government of Canada debt is in accordance with Bank of Canada reports, which may vary slightly from Public Accounts categories due to differences in classification methods.

Source: Bank of Canada Review.

Reference Table III
Average Weekly Domestic Market Trading in Government of Canada Securities, January to March 1996

	Marketable bonds					Total marketable bonds	Total
	Treasury bills	3 years and under	3 to 10 years	Over 10 years	Real return		
	(millions of dollars)						
January	75,143	20,288	41,531	9,109	139	71,066	146,210
February	94,103	28,172	48,384	12,099	170	88,826	182,928
March	98,832	29,820	40,156	13,019	130	83,125	181,957

Source: Bank of Canada Review.

Reference Table IV

Distribution of domestic holdings of Government of Canada securities
PART A – Treasury bills, bonds¹, and Canada Savings Bonds

Year end	Persons and unincorporated business	Non-financial corporations	Bank of Canada	Chartered banks	Quasi- banks ²	Life insurance and pension funds	Public and other financial institutions ³	All levels of government ⁴	Total
1976	18,009	395	8,331	8,666	716	1,436	2,388	439	40,390
1977	20,440	336	10,268	9,601	1,048	2,271	3,241	709	47,914
1978	22,917	403	12,001	9,896	1,537	3,737	4,160	1,401	56,053
1979	23,302	376	13,656	10,156	1,684	6,716	4,267	2,572	62,729
1980	24,861	561	15,858	10,002	2,771	9,274	5,726	3,948	73,001
1981	33,684	598	17,100	10,003	2,452	10,569	5,515	3,898	83,819
1982	43,979	2,255	15,428	11,233	3,288	13,151	8,843	4,139	102,316
1983	51,440	5,518	16,859	15,107	5,551	17,816	10,167	4,399	126,857
1984	61,244	7,006	17,184	15,164	4,887	24,039	12,057	6,575	148,156
1985	74,609	7,413	15,668	15,198	5,706	31,068	15,134	9,701	174,497
1986	71,415	6,270	18,374	17,779	7,277	34,887	18,501	10,869	185,672
1987	83,156	8,586	20,366	16,012	6,400	38,870	19,587	13,604	206,581
1988	85,401	8,983	20,606	21,115	7,657	42,460	19,677	16,813	222,712
1989	84,112	11,587	21,133	19,804	9,853	46,037	24,448	17,398	234,372
1990	81,198	12,456	20,325	23,224	10,413	52,984	26,038	19,146	245,784
1991	74,709	11,718	22,370	35,792	12,069	55,846	32,234	21,246	266,984
1992	74,627	13,787	22,607	44,555	12,440	60,042	39,286	18,891	286,235
1993	59,943	10,473	23,624	60,242	11,073	69,930	44,819	20,040	300,144
1994	50,681	13,209	25,337	70,063	10,222	78,775	52,242	23,383	325,912
1995	48,832	12,156	23,590	76,560	10,758	87,190	57,797	22,805	339,688

(millions of dollars)

Reference Table IV (cont'd)
 Distribution of domestic holdings of Government of Canada securities
 PART B – Treasury bills, bonds¹, and Canada Savings Bonds

Year end	Persons and unincorporated business	Non-financial corporations	Bank of Canada	Chartered banks	Quasi- banks ²	Life insurance and pension funds	Public and other financial institutions ³	All levels of government ⁴	Total
1976	44.59	0.98	20.63	21.46	1.77	3.56	5.91	1.11	100.00
1977	42.66	0.70	21.43	20.04	2.19	4.74	6.76	1.48	100.00
1978	40.88	0.72	21.41	17.65	2.74	6.67	7.42	2.50	100.00
1979	37.15	0.60	21.77	16.19	2.68	10.71	6.80	4.10	100.00
1980	34.06	0.77	21.72	13.70	3.80	12.70	7.84	5.41	100.00
1981	40.19	0.71	20.40	11.93	2.93	12.61	6.58	4.65	100.00
1982	42.98	2.20	15.08	10.98	3.21	12.85	8.64	4.05	100.00
1983	40.55	4.35	13.29	11.91	4.38	14.04	8.01	3.47	100.00
1984	41.34	4.73	11.60	10.24	3.30	16.23	8.14	4.44	100.00
1985	42.76	4.25	8.98	8.71	3.27	17.80	8.67	5.56	100.00
1986	38.53	3.38	9.91	9.59	3.93	18.82	9.98	5.86	100.00
1987	40.25	4.16	9.86	7.75	3.10	18.82	9.48	6.59	100.00
1988	38.35	4.03	9.25	9.48	3.44	19.06	8.84	7.55	100.00
1989	35.89	4.94	9.02	8.45	4.20	19.64	10.43	7.42	100.00
1990	33.04	5.07	8.27	9.45	4.24	21.56	10.59	7.79	100.00
1991	27.98	4.39	8.38	13.41	4.52	20.92	12.45	7.96	100.00
1992	26.07	4.82	7.90	15.57	4.35	20.98	13.73	6.60	100.00
1993	19.97	3.49	7.87	20.07	3.69	23.30	14.93	6.68	100.00
1994	15.55	4.05	7.77	21.50	3.14	24.17	16.03	7.79	100.00
1995	14.38	3.58	6.94	22.54	3.17	25.67	17.01	6.71	100.00

(per cent)

Reference Table IV (cont'd)
 Distribution of domestic holdings of Government of Canada securities
 PART C – Treasury bills

Year end	Persons and unincorporated business	Non-financial corporations	Bank of Canada	Chartered banks	Quasi- banks ²	Life insurance and pension funds	Public and other financial institutions ³	All levels of government ⁴	Total
1976	156	125	2,053	4,219	52	44	535	99	7,283
1977	458	151	2,461	4,949	143	98	1,044	208	9,512
1978	652	198	3,567	5,517	193	261	1,588	409	12,385
1979	811	167	4,345	6,690	65	245	1,616	749	14,688
1980	1,419	294	5,394	7,500	619	460	2,507	1,427	19,620
1981	1,020	372	5,431	8,597	343	560	2,269	996	19,588
1982	1,855	1,935	2,483	10,034	1,357	1,244	4,670	914	24,492
1983	4,109	5,162	2,780	12,879	3,180	2,587	5,519	599	36,815
1984	7,554	6,453	3,548	12,997	2,792	3,876	6,623	2,108	45,951
1985	13,427	6,543	4,041	12,629	3,651	3,934	8,156	3,940	56,311
1986	16,295	4,886	7,967	15,161	4,709	3,592	10,226	3,206	66,042
1987	17,686	7,227	9,847	11,498	3,725	4,806	9,611	4,867	69,267
1988	20,174	7,433	9,945	15,224	5,648	7,648	9,313	7,532	82,917
1989	32,757	9,990	11,124	16,410	8,115	7,664	12,571	8,666	107,297
1990	37,795	11,339	10,574	16,841	8,929	11,737	13,031	8,785	119,031
1991	32,393	10,546	13,093	24,382	9,080	10,386	17,832	10,151	127,863
1992	36,692	11,355	14,634	27,989	9,661	11,539	19,943	6,783	138,696
1993	27,275	9,771	17,002	29,901	9,097	17,050	22,385	7,206	139,687
1994	14,493	9,669	19,408	30,415	7,078	14,393	22,365	11,535	129,356
1995	13,684	9386	182.98	30,865	7,200	15,402	24,804	9,501	129,140

(millions of dollars)

Reference Table IV (cont'd)
 Distribution of domestic holdings of Government of Canada securities
 PART D – Treasury bills

Year end	Persons and unincorporated business	Non-financial corporations	Bank of Canada	Chartered banks	Quasi- banks ²	Life insurance and pension funds	Public and other financial institutions ³	All levels of government ⁴	Total
1976	2.14	1.72	28.19	57.93	0.71	0.60	7.35	1.36	100.00
1977	4.81	1.59	25.87	52.03	1.50	1.03	10.98	2.19	100.00
1978	5.26	1.60	28.80	44.55	1.56	2.11	12.82	3.30	100.00
1979	5.52	1.14	29.58	45.55	0.44	1.67	11.00	5.10	100.00
1980	7.23	1.50	27.49	38.23	3.15	2.34	12.78	7.27	100.00
1981	5.21	1.90	27.73	43.89	1.75	2.86	11.58	5.08	100.00
1982	7.57	7.90	10.14	40.97	5.54	5.08	19.07	3.73	100.00
1983	11.16	14.02	7.55	34.98	8.64	7.03	14.99	1.63	100.00
1984	16.44	14.04	7.72	28.28	6.08	8.44	14.41	4.59	100.00
1985	23.84	11.62	7.18	22.43	6.48	6.97	14.48	7.00	100.00
1986	24.67	7.40	12.06	22.96	7.13	5.44	15.48	4.85	100.00
1987	25.53	10.43	14.22	16.60	5.38	6.94	13.88	7.03	100.00
1988	24.33	8.96	11.99	18.36	6.81	9.22	11.23	9.08	100.00
1989	30.53	9.31	10.37	15.29	7.56	7.14	11.72	8.08	100.00
1990	31.75	9.53	8.88	14.15	7.50	8.86	10.95	7.38	100.00
1991	25.33	8.25	10.24	19.07	7.10	8.12	13.95	7.94	100.00
1992	26.45	8.19	10.55	20.18	6.97	8.39	14.38	4.89	100.00
1993	19.53	6.99	12.17	21.41	6.51	12.21	16.03	5.16	100.00
1994	11.20	7.47	15.00	23.51	5.47	11.13	17.29	8.92	100.00
1995	10.60	7.27	14.17	23.90	5.58	11.93	19.21	7.36	100.00

(per cent)

Reference Table IV (cont'd)
 Distribution of domestic holdings of Government of Canada securities
 PART E – Bonds¹

Year end	Persons and unincorporated business	Non-financial corporations	Bank of Canada	Chartered banks	Quasi- banks ²	Life insurance and pension funds	Public and other financial institutions ³	All levels of government ⁴	Total
1976	1,369	270	6,278	4,447	664	1,392	1,853	350	16,623
1977	1,789	185	7,807	4,652	905	2,173	2,197	501	20,209
1978	2,031	205	8,434	4,379	1,344	3,477	2,572	992	23,433
1979	3,869	209	9,311	3,466	1,619	6,471	2,651	1,823	29,419
1980	5,572	267	10,464	2,502	2,152	8,814	3,219	2,521	35,511
1981	7,317	226	11,669	1,406	2,109	10,009	3,246	2,902	38,884
1982	8,415	320	12,945	1,199	1,931	11,907	4,173	3,225	44,115
1983	7,604	356	14,079	2,228	2,371	15,229	4,648	3,800	51,315
1984	10,302	553	13,636	2,167	2,095	20,163	5,434	4,467	58,817
1985	11,673	870	11,627	2,569	2,055	27,144	6,978	5,761	68,677
1986	10,032	1,384	10,407	2,618	2,568	31,295	8,275	7,663	74,242
1987	10,430	1,359	10,519	4,514	2,675	34,064	9,976	8,737	82,274
1988	10,350	1,550	10,661	5,891	2,009	34,812	10,364	9,281	84,918
1989	7,657	1,597	10,009	3,394	1,738	38,373	11,877	8,732	83,377
1990	7,945	1,117	9,751	6,383	1,484	41,247	13,007	10,361	91,295
1991	5,009	1,172	9,277	11,410	2,989	45,460	15,402	11,095	101,814
1992	2,053	2,432	7,973	16,566	2,779	48,403	19,343	12,108	111,657
1993	45	702	6,622	30,341	1,969	52,880	22,434	12,834	127,834
1994	2,676	3,540	5,929	39,648	3,144	64,382	29,877	13,848	163,044
1995	2,789	2,770	5,292	45,695	3,558	71,788	32,993	13,304	178,189

(millions of dollars)

Reference Table IV (cont'd)
Distribution of domestic holdings of Government of Canada securities
PART F – Bonds¹

Year end	Persons and unincorporated business	Non-financial corporations	Bank of Canada	Chartered banks	Quasi- banks ²	Life insurance and pension funds	Public and other financial institutions ³	All levels of government ⁴	Total
1976	8.24	1.62	37.77	26.75	3.99	8.37	11.15	2.11	100.00
1977	8.85	0.92	38.63	23.02	4.48	10.75	11.87	2.48	100.00
1978	8.66	0.87	35.99	18.69	5.74	14.84	10.98	4.23	100.00
1979	13.15	0.71	31.65	11.78	5.50	22.00	9.01	6.20	100.00
1980	15.69	0.75	29.47	7.05	6.06	24.82	9.06	7.10	100.00
1981	18.82	0.58	30.01	3.62	5.42	25.74	8.35	7.46	100.00
1982	19.08	0.73	29.34	2.72	4.38	26.99	9.46	7.31	100.00
1983	15.11	0.71	27.98	4.43	4.71	30.27	9.24	7.55	100.00
1984	17.52	0.94	23.18	3.68	3.56	34.28	9.24	7.59	100.00
1985	17.00	1.27	16.93	3.74	2.99	39.52	10.16	8.39	100.00
1986	13.51	1.86	14.02	3.53	3.46	42.15	11.15	10.32	100.00
1987	12.68	1.65	12.79	5.49	3.25	41.40	12.13	10.62	100.00
1988	12.19	1.83	12.55	6.94	2.37	40.99	12.20	10.93	100.00
1989	9.18	1.92	12.00	4.07	2.08	46.02	14.24	10.47	100.00
1990	8.70	1.22	10.68	6.99	1.63	45.18	14.25	11.36	100.00
1991	4.92	1.15	9.11	11.21	2.94	44.65	15.13	10.90	100.00
1992	1.84	2.18	7.14	14.84	2.49	43.35	17.32	10.84	100.00
1993	0.04	0.55	5.18	23.73	1.55	41.37	17.55	10.04	100.00
1994	1.64	2.17	3.64	24.32	1.93	39.49	18.32	8.49	100.00
1995	1.57	1.55	2.97	25.64	2.00	40.29	18.52	7.47	100.00

Note: Because of timing and valuation differences, the National Balance Sheet data contained in this table are not necessarily on the same basis as other data elsewhere in this publication. (Most of the data in this report is on a par value basis – that is, outstanding securities are valued at par.) For this reason, although the two sets of data yield very similar information, the data in this table are not strictly comparable with other data in this publication.

1 Includes bonds denominated in foreign currencies.

2 Includes Quebec savings banks, credit unions and caisses populaires, trust companies, and mortgage loan companies.

3 Includes investment dealers, mutual funds, fire and casualty insurance companies, sales, finance and consumer loan companies, accident and sickness branches of life insurance companies, other private financial institutions (not elsewhere included), federal public financial institutions, and provincial financial institutions.

4 Includes federal government holdings of its own debt, as well as provincial, municipal, and hospital holdings, and holdings of the Canada Pension Plan and the Quebec Pension Plan.
Source: Statistics Canada, The National Balance Sheet Accounts.

Reference Table V
Foreign holdings of Government of Canada market debt

Fiscal year	Marketable bonds ¹	Treasury bills	Total	Total as per cent of total market debt
	(billions of Canadian dollars)			
1978-79	4.8	0.9	5.7	8.5
1979-80	5.4	0.7	6.1	8.5
1980-81	6.6	1.1	7.7	9.3
1981-82	8.5	1.1	9.6	10.4
1982-83	9.5	1.6	11.1	9.6
1983-84	9.9	2.6	12.5	8.8
1984-85	14.0	4.6	18.6	10.8
1985-86	21.4	3.0	24.4	12.1
1986-87	29.5	4.7	34.2	15.0
1987-88	31.9	9.3	41.2	16.5
1988-89	40.2	15.7	55.9	20.4
1989-90	48.3	13.3	61.6	21.1
1990-91	55.8	16.1	71.9	22.4
1991-92	61.5	23.0	84.5	24.2
1992-93	79.0	24.8	103.8	27.3
1993-94	77.7	34.0	111.7	27.2
1994-95	72.1	39.1	111.2	25.4
1995-96	81.2	36.5	117.7	25.3

¹ Includes bonds denominated in foreign currencies.

Source: Statistics Canada, Canada's International Transactions in Securities.

Reference Table VI
Fiscal 1995-96 Treasury bill program

Date	Maturing			New issues (millions of dollars)			Net increment			Average tender yields (per cent)							
	CM	3 mo	6 mo	12 mo	Total	CM	3 mo	6 mo	12 mo	Total	Cumulative	O/S	CM	3 mo	6 mo	12 mo	
06-Apr-95	1,250	3,400	2,200	2,200	9,050	0	4,200	2,000	1,200	7,400	-1,650	162,800	8.11	8.29	8.36	8.30	
10-Apr-95	0	0	0	0	0	1,000	0	0	0	1,000	1,000	163,800	8.11				
12-Apr-95	0	0	0	0	0	1,300	0	0	0	1,300	1,300	165,100					
13-Apr-95	3,300	3,800	2,200	0	9,300	1,250	4,300	2,200	1,200	8,950	-350	300	8.06	8.05	8.06	8.04	
20-Apr-95	0	3,800	2,200	2,400	8,400	2,700	4,500	2,200	1,300	10,700	2,300	167,050	8.14	7.93	7.94	7.85	
26-Apr-95	0	0	0	0	0	1,400	0	0	0	1,400	1,400	168,450	7.96				
27-Apr-95	0	3,800	1,900	0	5,700	0	4,300	2,200	1,200	7,700	2,000	170,450		7.92	7.93	7.90	
04-May-95	6,250	3,500	1,400	2,100	13,250	200	4,000	2,000	1,200	7,400	-5,850	150	164,600	7.68	7.75	7.74	7.74
08-May-95	200	0	0	0	200	0	0	0	0	0	-200	164,400					
11-May-95	1,400	3,500	1,300	0	6,200	0	3,200	1,500	1,000	5,700	-500	163,900		7.22	7.08	7.05	
18-May-95	0	3,300	1,700	2,500	7,500	0	3,800	1,900	1,100	6,800	-700	163,200		7.35	7.35	7.27	
25-May-95	0	3,900	2,100	0	6,000	0	3,900	1,900	1,200	7,000	1,000	164,200		7.46	7.47	7.42	
29-May-95	0	0	0	0	0	1,500	0	0	0	1,500	1,500	165,700	7.56				
31-May-95	0	0	0	0	0	2,500	0	0	0	2,500	2,500	168,200	7.60				
01-Jun-95	0	4,300	1,800	2,500	8,600	3,000	4,000	2,000	1,200	10,200	1,600	169,800		7.39	7.38	7.28	
06-Jun-95	1,500	0	0	0	1,500	0	0	0	0	0	-1,500	168,300	7.52				
08-Jun-95	0	4,400	2,100	0	6,500	0	3,900	1,900	1,200	7,000	500	168,800		7.13	6.95	6.93	
15-Jun-95	2,500	4,000	1,800	2,600	10,900	1,000	3,900	1,900	1,200	8,000	-2,900	165,900	7.09	6.94	6.87	6.85	
22-Jun-95	0	4,400	1,700	0	6,100	0	4,000	2,200	1,300	7,500	1,400	167,300		6.74	6.68	6.68	
29-Jun-95	0	4,300	1,800	2,400	8,500	2,000	3,900	2,200	1,300	9,400	900	168,200	7.13	6.72	6.67	6.63	
04-Jul-95	1,000	0	0	0	1,000	0	0	0	0	0	-1,000	167,200					
06-Jul-95	5,000	4,200	1,700	0	10,900	0	3,700	2,000	1,300	7,000	-3,900	163,300		6.80	6.76	6.84	
13-Jul-95	0	4,300	1,900	2,600	8,800	0	3,700	2,200	1,300	7,200	-1,600	161,700		6.33	6.39	6.47	
20-Jul-95	0	4,500	1,900	0	6,400	0	3,700	2,200	1,400	7,300	900	162,600		6.53	6.64	6.81	
27-Jul-95	0	4,300	1,800	2,300	8,400	2,000	3,800	2,300	1,400	9,500	1,100	163,700	5.99	6.62	6.85	6.98	
27-Jul-95	0	0	0	0	0	1,250	0	0	0	1,250	1,250	164,950	6.57				
01-Aug-95	3,250	0	0	0	3,250	0	0	0	0	0	-3,250	161,700					
03-Aug-95	0	4,000	1,700	0	5,700	0	3,500	2,100	1,400	7,000	1,300	163,000		6.77	7.10	7.31	
10-Aug-95	0	3,200	1,600	2,200	7,000	0	3,700	2,200	1,400	7,300	300	163,300		6.59	6.84	7.03	
17-Aug-95	0	3,800	1,600	0	5,400	0	3,700	2,300	1,400	7,400	2,000	165,300		6.57	6.95	7.28	
24-Aug-95	0	3,900	1,900	2,300	8,100	0	3,800	2,300	1,400	7,500	-600	164,700		6.45	6.85	7.19	

Reference Table VI (con't)
Fiscal 1995-96 Treasury bill program

Date	Maturing			New issues			Net increment			Average tender yields							
	CM	3 mo	6 mo	12 mo	Total	CM	3 mo	6 mo	12 mo	Total	Total	Cumulative	O/S	CM	3 mo	6 mo	12 mo
															(per cent)		
31-Aug-95	0	4,000	2,100	0	6,100	0	3,900	2,400	1,400	7,700	1,600	1,850	166,300		6.34	6.62	6.92
07-Sep-95	0	3,900	2,200	2,200	8,300	0	4,000	2,400	1,400	7,800	-500	1,350	165,800		6.28	6.58	6.80
14-Sep-95	0	3,900	2,000	0	5,900	0	4,000	2,300	1,400	7,700	1,800	3,150	167,600		6.63	7.03	7.26
21-Sep-95	0	4,000	2,200	2,500	8,700	0	4,000	2,200	1,300	7,500	-1,200	1,950	166,400		6.66	6.95	6.95
28-Sep-95	0	3,900	2,100	0	6,000	0	4,000	2,100	1,200	7,300	1,300	3,250	167,700		6.46	6.74	6.94
05-Oct-95	0	3,700	2,000	2,500	8,200	0	4,000	2,000	1,100	7,100	-1,100	2,150	166,600		6.25	6.45	6.51
12-Oct-95	0	3,700	2,200	0	5,900	0	4,000	2,000	1,100	7,100	1,200	3,350	167,800		6.38	6.52	6.52
19-Oct-95	0	3,700	2,200	2,400	8,300	0	4,000	2,000	1,100	7,100	-1,200	2,150	166,600		6.42	6.54	6.53
26-Oct-95	0	3,800	2,200	0	6,000	0	4,000	2,000	1,100	7,100	1,100	3,250	167,700		7.40	7.41	7.35
02-Nov-95	0	3,500	2,000	2,200	7,700	0	3,400	1,700	1,000	6,100	-1,600	1,650	166,100		5.93	6.11	6.12
09-Nov-95	0	3,700	1,500	0	5,200	0	3,400	1,700	1,100	6,200	1,000	2,650	167,100		5.93	6.13	6.18
16-Nov-95	0	3,700	1,900	2,300	7,900	0	3,400	1,500	1,300	6,200	-1,700	950	165,400		5.91	6.14	6.23
23-Nov-95	0	3,800	1,900	0	5,700	0	3,400	1,700	1,100	6,200	500	1,450	165,900		5.87	6.02	6.16
30-Nov-95	0	3,900	2,000	2,300	8,200	0	3,400	1,500	1,300	6,200	-2,000	-550	163,900		5.82	5.89	5.95
07-Dec-95	0	4,000	1,900	0	5,900	0	3,400	1,600	1,200	6,200	300	-250	164,200		5.83	5.88	5.97
14-Dec-95	0	4,000	1,900	2,200	8,100	0	3,400	1,500	1,300	6,200	-1,900	-2,150	162,300		5.97	6.11	6.17
21-Dec-95	0	4,000	2,200	0	6,200	0	3,400	1,600	1,200	6,200	0	-2,150	162,300		5.81	5.93	6.08
28-Dec-95	0	4,000	2,200	2,200	8,400	0	3,400	1,500	1,300	6,200	-2,200	-4,350	160,100		5.54	5.65	5.77
04-Jan-96	0	4,000	2,000	0	6,000	0	3,600	1,600	1,200	6,400	400	-3,950	160,500		5.48	5.57	5.69
11-Jan-96	0	4,000	2,200	2,200	8,400	0	3,700	1,600	1,300	6,600	-1,800	-5,750	158,700		5.53	5.62	5.67
18-Jan-96	0	4,000	2,200	0	6,200	0	3,700	1,700	1,300	6,700	500	-5,250	159,200		5.48	5.47	5.59
25-Jan-96	0	4,000	2,300	2,200	8,500	0	3,700	1,800	1,400	6,900	-1,600	-6,850	157,600		5.49	5.57	5.56
01-Feb-96	0	3,400	2,100	0	5,500	0	3,800	1,900	1,300	7,000	1,500	-5,350	159,100		5.12	5.19	5.32
08-Feb-96	0	3,400	2,200	2,200	7,800	0	3,700	1,800	1,400	6,900	-900	-6,250	158,200		5.14	5.19	5.21
15-Feb-96	0	3,400	2,300	0	5,700	0	3,700	1,900	1,300	6,900	1,200	-5,050	159,400		4.94	4.98	5.08
22-Feb-96	0	3,400	2,300	2,300	8,000	0	4,100	1,800	1,400	7,300	-700	-5,750	158,700		5.16	5.27	5.36
29-Feb-96	0	3,400	2,400	0	5,800	0	4,100	2,000	1,400	7,500	1,700	-4,050	160,400		5.18	5.31	5.49
07-Mar-96	0	3,400	2,400	2,400	8,200	0	4,200	2,000	1,400	7,600	-600	-4,650	159,800		5.11	5.26	5.40
14-Mar-96	0	3,400	2,300	0	5,700	0	4,200	2,100	1,300	7,600	1,900	-2,750	161,700		5.26	5.50	5.84
21-Mar-96	0	3,400	2,200	2,400	8,000	1,600	4,200	2,100	1,400	9,300	1,300	-1,450	163,000	4.99	5.08	5.31	5.60
28-Mar-96	0	3,400	2,100	0	5,500	1,300	4,000	2,000	1,300	8,600	3,100	1,650	166,100	4.93	5.03	5.24	5.58

Source: Department of Finance.

Reference Table VII
Canada Savings Bonds, fiscal 1982-83 to fiscal 1995-96

Fiscal year	Gross sales during campaign ¹	Net sales during campaign (millions of dollars)	Outstanding at fiscal year end ²
1982-83	11,229	9,567	32,753
1983-84	11,584	8,761	38,403
1984-85	12,743	9,768	42,167
1985-86	15,107	10,157	44,607
1986-87	9,191	5,177	43,854
1987-88	17,450	14,913	52,558
1988-89	14,962	6,454	47,048
1989-90	9,338	3,121	40,207
1990-91	6,720	1,660	33,781
1991-92	9,588	4,733	35,031
1992-93	9,235	3,275	33,884
1993-94	5,364	842	30,866
1994-95	7,506	5,709	30,756
1995-96	4,612	3,352	30,801

¹ The figures shown are for the CSB campaign period, not the entire fiscal period; net sales are gross sales less redemptions during the period.

² Figures in accordance with Bank of Canada reports, which may vary slightly from Public Accounts categories due to differences in classification methods.

Sources: Department of Finance, Bank of Canada Review.

Reference Table VIII
Government of Canada interest rate swaps outstanding, March 31, 1996

Maturity date	Coupon (per cent)	Notional amount
01-May-96	9.25	100
01-May-97	8.25	200
01-Jul-97	7.50	1,150
01-Oct-97	9.75	200
01-Feb-98	6.25	1,750
01-Sep-98	6.50	100
01-Oct-98	9.50	150
01-Dec-98	10.25	100
01-Mar-99	5.75	1,000
01-Sep-99	7.75	100
01-Mar-00	8.50	400
01-Jun-01	9.75	250
01-Feb-04	10.25	50
Total		5,550

¹ Refers to the coupon of the underlying bond which was swapped.

Reference Table IX
Fiscal 1995-96 fixed-coupon bond program

Offering date	Delivery date	Maturity date	Maturing	Gross	Net
(millions of dollars)					
Fixed-coupon bonds					
March 22	April 3	December 1, 2005	1,350	1,900	550
April 5	April 18	November 1, 1998		2,500	2,500
April 19	May 1	June 1, 2025		1,250	1,250
May 3	May 15	December 1, 2005		2,000	2,000
May 17	June 1	September 1, 2000	3,100	2,400	-700
May 31	June 15	September 15, 1997		2,600	2,600
June 21	July 4	September 1, 2000		2,600	2,600
July 5	July 17	November 1, 1998		2,600	2,600
July 19	August 1	June 1, 2025		1,400	1,400
August 2	August 15	December 1, 2005		2,100	2,100
August 16	September 1	September 1, 2000		2,600	2,600
August 30	September 15	September 15, 1997	4,300	2,800	-1,500
September 20	October 2	March 1, 2001	752	2,300	1,548
October 18	November 1	June 1, 2025	1,500	1,100	-400
November 8	November 15	December 1, 2005		2,000	2,000
November 22	December 1	March 1, 2001		2,400	2,400
December 6	December 15	March 15, 1998	3,050	2,800	-250
December 20	January 4	March 1, 2001		2,100	2,100
January 17	February 1	June 1, 2025	3,500	1,250	-2,250
January 31	February 15	December 1, 2006		2,200	2,200
February 14	March 1	March 1, 2001	2,600	2,600	0
March 6	March 15	March 15, 1998	4,900	2,900	-2,000
March 20	March 29	December 1, 2006		2,200	2,200
Real Return Bonds¹					
April 26	May 8	December 1, 2021		300	300
July 24	August 4	December 1, 2021		400	400
November 29	December 7	December 1, 2026		300	300
February 28	March 6	December 1, 2026		350	350
Total, fiscal year 1995-96			25,052	51,950	26,898

¹ Real Return Bond figures show gross issue amount only – the CPI adjustment is not shown here.

Source: Department of Finance.

Reference Table X
 Outstanding Government of Canada fixed-coupon bonds
 as at March 31, 1996

Maturity date	Amount outstanding (millions of dollars)	Coupon rate (per cent)
Fixed-coupon bonds		
01-May-1996	3,300	9.25
01-Jun-1996	2,175	8.75
01-Aug-1996	3,800	6.50
15-Sep-1996	55	3.00
15-Sep-1996	5,100	7.75
01-Oct-1996	3,425	9.25
01-Mar-1997	3,400	8.25
15-Mar-1997	4,800	8.00
15-May-1997	876	9.25
01-Jul-1997	4,200	7.50
15-Sep-1997	5,400	7.00
01-Oct-1997	2,775	9.75
01-Feb-1998	6,600	6.25
15-Mar-1998	197	3.75
15-Mar-1998	5,700	6.00
15-Mar-1998	2,225	10.75
01-Sep-1998	6,800	6.50
01-Oct-1998	3,100	9.50
01-Nov-1998	5,100	8.00
01-Dec-1998	2,275	10.25
01-Mar-1999	6,700	5.75
01-Sep-1999	8,500	7.75
15-Oct-1999	528	9.00

Reference Table X (cont'd)
 Outstanding Government of Canada fixed-coupon bonds
 as at March 31, 1996

Maturity date	Amount outstanding (millions of dollars)	Coupon rate (per cent)
Fixed-coupon bonds (cont'd)		
01-Dec-1999	2,825	9.25
01-Dec-1999	400	13.50
01-Mar-2000	6,500	8.50
15-Mar-2000	1,050	13.75
01-May-2000	1,575	9.75
01-Jul-2000	2,900	10.50
01-Jul-2000	175	15.00
01-Sep-2000	7,600	7.50
01-Sep-2000	1,200	11.50
15-Dec-2000	500	9.75
01-Feb-2001	425	15.75
01-Mar-2001	9,400	7.50
01-Mar-2001	3,175	10.50
01-May-2001	1,325	13.00
01-Jun-2001	3,550	9.75
01-Oct-2001	1,233	9.50
01-Dec-2001	3,850	9.75
01-Feb-2002	213	8.75
15-Mar-2002	350	15.50
01-Apr-2002	5,450	8.50
01-May-2002	1,850	10.00
15-Dec-2002	1,625	11.25
01-Feb-2003	2,700	11.75

Reference Table X (cont'd)
 Outstanding Government of Canada fixed-coupon bonds
 as at March 31, 1996

Maturity date	Amount outstanding (millions of dollars)	Coupon rate (per cent)
Fixed-coupon bonds (cont'd)		
01-Jun-2003	6,900	7.25
01-Oct-2003	671	9.50
01-Dec-2003	8,800	7.50
01-Feb-2004	2,200	10.25
01-Jun-2004	7,900	6.50
01-Jun-2004	550	13.50
01-Oct-2004	875	10.50
01-Dec-2004	7,700	9.00
01-Mar-2005	1,775	12.00
01-Sep-2005	1,375	12.25
01-Dec-2005	8,000	8.75
01-Mar-2006	975	12.50
01-Oct-2006	1,025	14.00
01-Dec-2006	4,400	7.00
01-Mar-2007	325	13.75
01-Oct-2007	700	13.00
01-Mar-2008	750	12.75
01-Jun-2008	3,450	10.00
01-Oct-2008	725	11.75
01-Mar-2009	400	11.50
01-Jun-2009	925	11.00
01-Oct-2009	1,300	10.75
01-Mar-2010	325	9.75

Reference Table X (cont'd)
 Outstanding Government of Canada fixed-coupon bonds
 as at March 31, 1996

Maturity date	Amount outstanding (millions of dollars)	Coupon rate (per cent)
Fixed-coupon bonds (cont'd)		
01-Jun-2010	2,975	9.50
01-Oct-2010	325	8.75
01-Mar-2011	1,975	9.00
01-Jun-2011	750	8.50
15-Mar-2014	3,150	10.25
01-Jun-2015	2,350	11.25
31-Dec-2019	15	10.19
15-Mar-2021	1,800	10.50
01-Jun-2021	4,650	9.75
01-Jun-2022	2,550	9.25
01-Jun-2023	8,200	8.00
01-Jun-2025	8,900	9.00
Total marketable bonds	246,588	
Real Return Bonds		
01-Dec-2021	5,175	4.25
01-Dec-2026	650	4.25
Total Real Return Bonds ¹	5,825	

¹ Real Return Bond figures show gross issue amount only – the CPI adjustment is not shown here.

Source: Department of Finance.

Reference Table XI
Crown corporation market borrowings
(as at March 31)

Corporation	1989	1990	1991	1992	1993	1994	1995	1996
	(millions of dollars)							
Export Development Corporation	5,198	5,802	5,685	6,221	6,983	7,793	7,515	7,669
The Canadian Wheat Board	3,767	4,354	6,449	7,323	6,966	7,283	7,321	6,377
Business Development Bank of Canada	2,065	2,299	2,271	2,249	2,352	2,602	2,723	3,045
Farm Credit Corporation	1,328	1,216	1,128	813	797	863	990	1,582
Canadian National Railway System	1,715	1,716	1,861	1,803	1,905	2,249	2,331	—
Canada Mortgage and Housing Corporation	—	—	—	—	152	1,573	3,630	5,906
Canada Development Investment Corporation	525	566	612	713	594	473	—	—
Petro-Canada Limited	0	0	1,656	980	455	501	504	504
Petro-Canada	2,097	2,450	718	—	—	—	—	—
Canada Ports Corporation	—	—	—	200	188	—	—	—
Other	21	22	80	81	97	239	235	427
Total	16,716	18,425	20,460	20,383	20,489	23,576	25,249	25,510

Source: Receiver General, Public Accounts of Canada.

Reference Table XII

Crown corporation borrowings from the Consolidated Revenue Fund
(as at March 31)

Corporation	1989	1990	1991	1992	1993	1994	1995	1996
				(millions of dollars)				
Canada Mortgage and Housing Corporation	8,879	8,678	8,484	8,419	8,181	8,075	7,835	7,263
Canada Deposit Insurance Corporation	1,695	1,375	1,225	1,785	3,085	3,151	2,160	1,627
Farm Credit Corporation	3,253	2,549	2,432	2,491	2,420	2,488	2,524	2,310
Other	1,218	1,106	934	975	819	415	307	233
Total	15,045	13,708	13,075	13,670	14,505	14,129	12,826	11,433

Note: Figures do not include "allowance for valuation".

Sources: Receiver General, Public Accounts of Canada; Public Works and Government Services Canada data.