$\perp$ BANQUE DU CANADA

# Summary of Government of Canada Direct Securities and Loans 

Outstanding as at December 31, 2018


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## Section 1-General Tables

Table 1.1: Summary of Outstanding Domestic and Foreign Pay Securities and Loans of the Government of Canada

Marketable Securities

Domestic

| Treasury Bills | $\$ 129,900,000,000$ |
| :--- | ---: |
| Marketable Bonds | $\$ 558,890,251,000$ |
| Real Return Bonds-Inflation | $\$ 13,798,858,750$ |
| Adjustment |  |


|  |  |
| :--- | ---: |
|  |  |
| Foreign Currency |  |
| Canada Bills | $\$ 2,860,430,193$ |
| Canada Notes | $\$ 1,774,695,000$ |
| Euro Medium-Term Notes | $\$ 575,915,740$ |
| Bonds | $\$ 11,324,054,553$ |

Non-Marketable Securities

Retail

| Canada Savings Bonds | $\$ 824,106,753$ |
| :--- | :--- |
| Canada Premium Bonds | $\$ 545,827,093$ |
| Unprocessed Retail Transactions | $(\$ 33,365,405)$ |

$\$ 1,336,568,441$

Total Outstanding including Real
Return Bonds-
Inflation Adjusted

Table 1.2: Government of Canada Can\$/US\$ Swaps
For the cross-currency swaps listed below, the Government's Canadian-dollar liability has been swapped into a US-dollar liability.

|  | Maturity Date | Coupon \% | Notional Amount |  | (Can\$) |
| :---: | :---: | ---: | ---: | ---: | ---: |

SECTION 1—GENERAL TABLES
BANK OF CANADA • SUMMARY OF GOVERNMENT OF CANADA DIRECT SECURITIES AND LOANS • OUTSTANDING AS AT DECEMBER 31, 2018

Table 1.2: Government of Canada Can\$/US\$ Swaps
For the cross-currency swaps listed below, the Government's Canadian-dollar liability has been swapped into a US-dollar liability.

| Year | Maturity Date | Coupon \% | Notional Amount (Can\$) | Basis | Notional Amount (US\$) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2020 | May 20 | 3.1879 | 95,000,000 | 3-month LIBOR | 100,000,000 |
| 2020 | May 20 | 3.2126 | 95,200,000 | 3-month LIBOR | 100,000,000 |
| 2020 | May 20 | 3.2304 | 96,700,000 | 3-month LIBOR | 100,000,000 |
| 2020 | May 20 | 3.2708 | 95,600,000 | 3-month LIBOR | 100,000,000 |
| 2020 | May 20 | 3.2899 | 95,500,000 | 3-month LIBOR | 100,000,000 |
| 2020 | May 20 | 3.2931 | 96,350,000 | 3-month LIBOR | 100,000,000 |
| 2020 | May 20 | 3.4123 | 96,350,000 | 3-month LIBOR | 100,000,000 |
| 2020 | May 20 | 3.6560 | 50,895,000 | Fixed | 50,000,000 |
| 2020 | May 20 | 3.7121 | 100,500,000 | Fixed | 100,000,000 |
| 2020 | Jun. 20 | 2.9176 | 49,040,000 | 3-month LIBOR | 50,000,000 |
| 2020 | Jun. 20 | 2.9730 | 98,000,000 | 3-month LIBOR | 100,000,000 |
| 2020 | Jun. 20 | 3.0377 | 96,770,000 | 3-month LIBOR | 100,000,000 |
| 2020 | Jun. 20 | 3.0730 | 96,070,000 | 3-month LIBOR | 100,000,000 |
| 2020 | Jun. 20 | 3.2828 | 79,792,500 | Fixed | 75,000,000 |
| 2020 | Jun. 20 | 3.2970 | 53,090,000 | Fixed | 50,000,000 |
| 2020 | Jun. 20 | 3.3006 | 53,425,000 | Fixed | 50,000,000 |
| 2020 | Jun. 20 | 3.4058 | 51,700,000 | Fixed | 50,000,000 |
| 2020 | Jun. 20 | 3.4655 | 51,825,000 | Fixed | 50,000,000 |
| 2020 | Jun. 20 | 3.5847 | 51,000,000 | Fixed | 50,000,000 |
| 2020 | Jun. 22 | 3.2882 | 52,550,000 | Fixed | 50,000,000 |
| 2020 | Jun. 22 | 3.3000 | 105,600,000 | Fixed | 100,000,000 |
| 2020 | Jun. 22 | 3.3118 | 52,525,000 | Fixed | 50,000,000 |
| 2020 | Jun. 22 | 3.3315 | 104,000,000 | Fixed | 100,000,000 |
| 2020 | Jun. 22 | 3.3647 | 104,150,000 | Fixed | 100,000,000 |
| 2020 | Jul. 20 | 2.7559 | 49,050,000 | 3-month LIBOR | 50,000,000 |
| 2020 | Jul. 20 | 2.8281 | 48,635,000 | 3-month LIBOR | 50,000,000 |
| 2020 | Jul. 20 | 2.8550 | 48,800,000 | 3-month LIBOR | 50,000,000 |
| 2020 | Jul. 20 | 3.2942 | 51,060,000 | Fixed | 50,000,000 |
| 2020 | Jul. 20 | 3.3248 | 51,250,000 | Fixed | 50,000,000 |
| 2020 | Aug. 20 | 2.7655 | 47,280,000 | 3-month LIBOR | 50,000,000 |
| 2020 | Aug. 20 | 2.7806 | 47,250,000 | 3-month LIBOR | 50,000,000 |
| 2020 | Aug. 20 | 2.7943 | 47,265,000 | 3-month LIBOR | 50,000,000 |
| 2020 | Aug. 20 | 2.8200 | 48,000,000 | 3-month LIBOR | 50,000,000 |
| 2020 | Aug. 20 | 2.8275 | 47,525,000 | 3-month LIBOR | 50,000,000 |
| 2020 | Aug. 20 | 2.8339 | 47,400,000 | 3-month LIBOR | 50,000,000 |
| 2020 | Aug. 20 | 2.9470 | 47,925,000 | 3-month LIBOR | 50,000,000 |
| 2020 | Aug. 20 | 3.0731 | 103,950,000 | 3-month LIBOR | 100,000,000 |
| 2020 | Aug. 20 | 3.0789 | 98,393,300 | 3-month LIBOR | 94,700,000 |
| 2020 | Aug. 20 | 3.0890 | 51,200,000 | Fixed | 50,000,000 |
| 2020 | Aug. 20 | 3.1462 | 52,740,000 | Fixed | 50,000,000 |
| 2020 | Aug. 20 | 3.1601 | 52,750,000 | Fixed | 50,000,000 |
| 2020 | Aug. 20 | 3.1857 | 52,000,000 | Fixed | 50,000,000 |

Table 1.2: Government of Canada Can\$/US\$ Swaps
For the cross-currency swaps listed below, the Government's Canadian-dollar liability has been swapped into a US-dollar liability.

| Year | Maturity Date | Coupon \% | Notional Amount (Can\$) | Basis | Notional Amount (US\$) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2020 | Aug. 20 | 3.2031 | 104,000,000 | Fixed | 100,000,000 |
| 2020 | Aug. 20 | 3.2298 | 51,600,000 | Fixed | 50,000,000 |
| 2020 | Aug. 20 | 3.2321 | 103,100,000 | Fixed | 100,000,000 |
| 2020 | Aug. 20 | 3.2555 | 103,620,000 | Fixed | 100,000,000 |
| 2020 | Sep. 20 | 2.3180 | 49,200,000 | 3-month LIBOR | 50,000,000 |
| 2020 | Sep. 20 | 2.3302 | 49,450,000 | 3-month LIBOR | 50,000,000 |
| 2020 | Sep. 20 | 2.7500 | 47,445,000 | 3-month LIBOR | 50,000,000 |
| 2020 | Sep. 20 | 2.8800 | 18,358,980 | 3-month LIBOR | 17,560,000 |
| 2020 | Oct. 20 | 2.9630 | 62,502,178 | 3-month LIBOR | 60,593,483 |
| 2020 | Oct. 20 | 2.9735 | 51,180,000 | Fixed | 50,000,000 |
| 2020 | Oct. 20 | 3.0142 | 51,425,000 | Fixed | 50,000,000 |
| 2020 | Dec. 20 | 3.3038 | 50,550,000 | Fixed | 50,000,000 |
| 2020 | Dec. 20 | 3.3429 | 50,375,000 | Fixed | 50,000,000 |
| 2021 | Jan. 20 | 3.1781 | 74,625,000 | Fixed | 75,000,000 |
| 2021 | Jan. 20 | 3.2328 | 74,265,000 | Fixed | 75,000,000 |
| 2021 | Jan. 20 | 3.2631 | 74,077,500 | Fixed | 75,000,000 |
| 2021 | Jan. 20 | 3.3126 | 76,256,630 | Fixed | 76,371,187 |
| 2021 | Feb. 20 | 3.2877 | 99,500,000 | Fixed | 100,000,000 |
| 2021 | Feb. 20 | 3.2954 | 100,170,000 | Fixed | 100,000,000 |
| 2021 | Feb. 20 | 3.3000 | 100,000,000 | Fixed | 100,000,000 |
| 2021 | Feb. 20 | 3.3143 | 49,900,000 | Fixed | 50,000,000 |
| 2021 | Feb. 20 | 3.3231 | 99,420,000 | Fixed | 100,000,000 |
| 2021 | Feb. 20 | 3.3345 | 99,500,000 | Fixed | 100,000,000 |
| 2021 | Feb. 20 | 3.3442 | 99,500,000 | Fixed | 100,000,000 |
| 2021 | Feb. 20 | 3.3500 | 99,300,000 | Fixed | 100,000,000 |
| 2021 | Feb. 20 | 3.3500 | 99,410,000 | Fixed | 100,000,000 |
| 2021 | Feb. 20 | 3.3511 | 49,715,000 | Fixed | 50,000,000 |
| 2021 | Feb. 20 | 3.3627 | 99,000,000 | Fixed | 100,000,000 |
| 2021 | Feb. 20 | 3.4051 | 107,334,370 | 3-month LIBOR | 108,309,152 |
| 2021 | Feb. 20 | 3.4160 | 49,495,000 | Fixed | 50,000,000 |
| 2021 | Feb. 20 | 3.4208 | 99,120,000 | Fixed | 100,000,000 |
| 2021 | Feb. 20 | 3.4616 | 98,750,000 | Fixed | 100,000,000 |
| 2021 | Mar. 20 | 3.3035 | 98,150,000 | Fixed | 100,000,000 |
| 2021 | Mar. 20 | 3.3072 | 97,200,000 | Fixed | 100,000,000 |
| 2021 | Mar. 20 | 3.3100 | 97,600,000 | Fixed | 100,000,000 |
| 2021 | Mar. 20 | 3.3131 | 49,160,000 | Fixed | 50,000,000 |
| 2021 | Mar. 20 | 3.3300 | 49,100,000 | Fixed | 50,000,000 |
| 2021 | Mar. 20 | 3.3331 | 49,620,000 | Fixed | 50,000,000 |
| 2021 | Mar. 20 | 3.3832 | 98,600,000 | Fixed | 100,000,000 |
| 2021 | Mar. 20 | 3.4756 | 98,500,000 | Fixed | 100,000,000 |
| 2021 | Mar. 20 | 3.4874 | 197,200,000 | Fixed | 200,000,000 |
| 2021 | Mar. 20 | 3.5177 | 98,600,000 | Fixed | 100,000,000 |

Table 1.2: Government of Canada Can\$/US\$ Swaps
For the cross-currency swaps listed below, the Government's Canadian-dollar liability has been swapped into a US-dollar liability.

| Year | Maturity Date | Coupon \% | Notional Amount (Can\$) | Basis | Notional Amount (US\$) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2021 | Apr. 20 | 3.1875 | 141,932,739 | 3-month LIBOR | 144,167,333 |
| 2021 | Apr. 20 | 3.1939 | 147,750,000 | 3-month LIBOR | 150,000,000 |
| 2021 | Apr. 20 | 3.4312 | 96,050,000 | 3-month LIBOR | 100,000,000 |
| 2021 | Apr. 20 | 3.4540 | 105,782,464 | 3-month LIBOR | 110,443,166 |
| 2021 | May 09 | 0.7627 | 97,706,146 | 3-month LIBOR | 76,243,579 |
| 2021 | May 20 | 3.3030 | 4,889,148 | 3-month LIBOR | 5,135,660 |
| 2021 | May 20 | 3.3703 | 133,206,690 | 3-month LIBOR | 138,324,704 |
| 2021 | Jul. 20 | 3.0571 | 135,617,347 | 3-month LIBOR | 140,028,236 |
| 2022 | Feb. 06 | 0.9446 | 188,295,000 | Fixed | 150,000,000 |
| 2022 | Feb. 12 | 1.0430 | 125,250,000 | Fixed | 100,000,000 |
| 2022 | Feb. 20 | 1.9896 | 48,066,474 | 3-month LIBOR | 47,216,576 |
| 2022 | Mar. 16 | 0.9040 | 132,750,000 | Fixed | 100,000,000 |
| 2022 | Mar. 20 | 2.0698 | 67,549,554 | 3-month LIBOR | 67,414,725 |
| 2022 | Apr. 20 | 2.1610 | 118,258,207 | 3-month LIBOR | 119,392,436 |
| 2022 | Apr. 20 | 2.2224 | 13,045,854 | 3-month LIBOR | 13,144,437 |
| 2022 | May 20 | 2.0181 | 150,480,000 | 3-month LIBOR | 150,000,000 |
| 2022 | May 20 | 2.0409 | 49,715,000 | 3-month LIBOR | 50,000,000 |
| 2022 | May 20 | 2.0464 | 100,140,000 | 3-month LIBOR | 100,000,000 |
| 2022 | May 20 | 2.0464 | 100,200,000 | 3-month LIBOR | 100,000,000 |
| 2022 | May 20 | 2.0787 | 24,737,500 | 3-month LIBOR | 25,000,000 |
| 2022 | May 20 | 2.0942 | 24,762,500 | 3-month LIBOR | 25,000,000 |
| 2022 | May 20 | 2.1200 | 49,265,000 | 3-month LIBOR | 50,000,000 |
| 2022 | May 20 | 2.1630 | 24,905,000 | 3-month LIBOR | 25,000,000 |
| 2022 | Jun. 10 | 1.3449 | 124,140,000 | 3-month LIBOR | 100,000,000 |
| 2022 | Jun. 11 | 1.3584 | 52,649,285 | 3-month LIBOR | 42,631,000 |
| 2022 | Jun. 16 | 1.3669 | 123,150,000 | 3-month LIBOR | 100,000,000 |
| 2022 | Jun. 20 | 1.8500 | 86,606,176 | 3-month LIBOR | 84,551,573 |
| 2022 | Jun. 20 | 1.8506 | 102,290,000 | 3-month LIBOR | 100,000,000 |
| 2022 | Jun. 20 | 1.9105 | 50,150,000 | 3-month LIBOR | 50,000,000 |
| 2022 | Jun. 20 | 1.9774 | 24,890,000 | 3-month LIBOR | 25,000,000 |
| 2022 | Jun. 20 | 2.0830 | 24,622,500 | 3-month LIBOR | 25,000,000 |
| 2022 | Jun. 20 | 2.0852 | 150,084,800 | 3-month LIBOR | 152,000,000 |
| 2022 | Jun. 20 | 2.0895 | 98,720,000 | 3-month LIBOR | 100,000,000 |
| 2022 | Jul. 10 | 1.0632 | 159,819,000 | 3-month LIBOR | 125,250,000 |
| 2022 | Jul. 20 | 1.1167 | 129,300,000 | 3-month LIBOR | 100,000,000 |
| 2022 | Jul. 20 | 1.7273 | 51,300,000 | 3-month LIBOR | 50,000,000 |
| 2022 | Jul. 20 | 1.7346 | 51,325,000 | 3-month LIBOR | 50,000,000 |
| 2022 | Jul. 20 | 1.7400 | 51,425,000 | 3-month LIBOR | 50,000,000 |
| 2022 | Jul. 20 | 1.7755 | 77,325,000 | 3-month LIBOR | 75,000,000 |
| 2022 | Jul. 20 | 1.7820 | 51,325,000 | 3-month LIBOR | 50,000,000 |
| 2022 | Jul. 20 | 1.7942 | 51,000,000 | 3-month LIBOR | 50,000,000 |
| 2022 | Jul. 20 | 1.8000 | 102,550,000 | 3-month LIBOR | 100,000,000 |

Table 1.2: Government of Canada Can\$/US\$ Swaps
For the cross-currency swaps listed below, the Government's Canadian-dollar liability has been swapped into a US-dollar liability.

| Year | Maturity Date | Coupon \% | Notional Amount (Can\$) | Basis | Notional Amount (US\$) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2022 | Jul. 20 | 1.8030 | 102,600,000 | 3-month LIBOR | 100,000,000 |
| 2022 | Aug. 20 | 1.5800 | 101,805,000 | 3-month LIBOR | 100,000,000 |
| 2022 | Aug. 20 | 1.5895 | 50,915,000 | 3-month LIBOR | 50,000,000 |
| 2022 | Aug. 20 | 1.5999 | 50,800,000 | 3-month LIBOR | 50,000,000 |
| 2022 | Aug. 20 | 1.6484 | 50,400,000 | 3-month LIBOR | 50,000,000 |
| 2022 | Aug. 20 | 1.6600 | 51,025,000 | 3-month LIBOR | 50,000,000 |
| 2022 | Aug. 20 | 1.6670 | 69,052,452 | 3-month LIBOR | 67,566,000 |
| 2022 | Aug. 20 | 1.6670 | 71,470,000 | 3-month LIBOR | 70,000,000 |
| 2022 | Aug. 25 | 0.8909 | 131,250,000 | 3-month LIBOR | 100,000,000 |
| 2022 | Sep. 15 | 1.0770 | 66,290,000 | 3-month LIBOR | 50,000,000 |
| 2022 | Sep. 20 | 1.7152 | 100,200,000 | 3-month LIBOR | 100,000,000 |
| 2022 | Sep. 20 | 1.7164 | 100,400,000 | 3-month LIBOR | 100,000,000 |
| 2022 | Sep. 20 | 1.8080 | 98,940,000 | 3-month LIBOR | 100,000,000 |
| 2022 | Sep. 20 | 1.8351 | 49,750,000 | 3-month LIBOR | 50,000,000 |
| 2022 | Sep. 20 | 1.9248 | 49,475,000 | 3-month LIBOR | 50,000,000 |
| 2022 | Sep. 24 | 1.0867 | 132,820,000 | 3-month LIBOR | 100,000,000 |
| 2022 | Oct. 16 | 1.0638 | 133,714,600 | 3-month LIBOR | 103,000,000 |
| 2022 | Oct. 20 | 1.8550 | 97,620,000 | 3-month LIBOR | 100,000,000 |
| 2022 | Oct. 20 | 1.9045 | 97,600,000 | 3-month LIBOR | 100,000,000 |
| 2022 | Oct. 20 | 1.9206 | 97,500,000 | 3-month LIBOR | 100,000,000 |
| 2023 | Feb. 20 | 1.9140 | 50,135,000 | Fixed | 50,000,000 |
| 2023 | Feb. 20 | 1.9289 | 49,680,000 | Fixed | 50,000,000 |
| 2023 | Feb. 20 | 1.9335 | 99,420,000 | Fixed | 100,000,000 |
| 2023 | Feb. 20 | 1.9380 | 19,832,670 | 3-month LIBOR | 20,100,000 |
| 2023 | Feb. 20 | 1.9390 | 49,400,000 | 3-month LIBOR | 50,000,000 |
| 2023 | Feb. 20 | 1.9400 | 51,027,900 | 3-month LIBOR | 51,700,000 |
| 2023 | Feb. 20 | 1.9970 | 100,900,000 | Fixed | 100,000,000 |
| 2023 | Mar. 20 | 1.9783 | 50,325,000 | Fixed | 50,000,000 |
| 2023 | Mar. 20 | 1.9848 | 50,150,000 | Fixed | 50,000,000 |
| 2023 | Mar. 20 | 1.9848 | 100,700,000 | Fixed | 100,000,000 |
| 2023 | Mar. 20 | 2.0168 | 101,200,000 | Fixed | 100,000,000 |
| 2023 | Mar. 20 | 2.0200 | 101,250,000 | Fixed | 100,000,000 |
| 2023 | Mar. 20 | 2.0250 | 100,100,000 | Fixed | 100,000,000 |
| 2023 | Mar. 20 | 2.0270 | 99,900,000 | Fixed | 100,000,000 |
| 2023 | Mar. 20 | 2.0283 | 100,100,000 | Fixed | 100,000,000 |
| 2023 | Mar. 20 | 2.0310 | 100,120,000 | Fixed | 100,000,000 |
| 2023 | Mar. 20 | 2.0316 | 50,150,000 | Fixed | 50,000,000 |
| 2023 | Mar. 20 | 2.0440 | 150,465,000 | Fixed | 150,000,000 |
| 2023 | Mar. 20 | 2.0450 | 101,680,000 | Fixed | 100,000,000 |
| 2023 | Mar. 20 | 2.0471 | 100,420,000 | Fixed | 100,000,000 |
| 2023 | Apr. 20 | 1.8398 | 204,900,000 | Fixed | 200,000,000 |
| 2023 | Apr. 20 | 1.8846 | 78,771,000 | 3-month LIBOR | 77,000,000 |

Table 1.2: Government of Canada Can\$/US\$ Swaps
For the cross-currency swaps listed below, the Government's Canadian-dollar liability has been swapped into a US-dollar liability.

| Year | Maturity Date | Coupon \% | Notional Amount (Can\$) | Basis | Notional Amount (US\$) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2023 | Apr. 20 | 1.8970 | 102,970,000 | Fixed | 100,000,000 |
| 2023 | Apr. 20 | 1.9051 | 103,030,000 | Fixed | 100,000,000 |
| 2023 | Apr. 20 | 1.9410 | 102,650,000 | Fixed | 100,000,000 |
| 2023 | Apr. 20 | 1.9420 | 102,600,000 | Fixed | 100,000,000 |
| 2023 | Apr. 20 | 1.9507 | 205,700,000 | Fixed | 200,000,000 |
| 2023 | Apr. 20 | 1.9538 | 102,760,000 | Fixed | 100,000,000 |
| 2023 | Apr. 20 | 1.9588 | 102,800,000 | Fixed | 100,000,000 |
| 2023 | Apr. 20 | 1.9711 | 205,420,000 | Fixed | 200,000,000 |
| 2023 | Apr. 20 | 1.9746 | 102,650,000 | Fixed | 100,000,000 |
| 2023 | May 03 | 1.1363 | 125,100,000 | Fixed | 100,000,000 |
| 2023 | May. 20 | 1.6872 | 100,780,000 | 3-month LIBOR | 100,000,000 |
| 2023 | May 20 | 1.6958 | 101,720,000 | 3-month LIBOR | 100,000,000 |
| 2023 | May 20 | 1.7193 | 114,307,200 | 3-month LIBOR | 112,000,000 |
| 2023 | May 20 | 1.7193 | 89,812,800 | 3-month LIBOR | 88,000,000 |
| 2023 | Jun. 20 | 1.8780 | 102,950,000 | 3-month LIBOR | 100,000,000 |
| 2023 | Jun. 20 | 1.9305 | 103,100,000 | 3-month LIBOR | 100,000,000 |
| 2023 | Jun. 20 | 1.9557 | 103,470,000 | 3-month LIBOR | 100,000,000 |
| 2023 | Jun. 22 | 1.4896 | 121,550,000 | 3-month LIBOR | 100,000,000 |
| 2023 | Jun. 30 | 1.5517 | 148,680,000 | 3-month LIBOR | 120,000,000 |
| 2023 | Jul. 20 | 2.0419 | 103,200,000 | 3-month LIBOR | 100,000,000 |
| 2023 | Jul. 20 | 2.1500 | 102,070,000 | 3-month LIBOR | 100,000,000 |
| 2023 | Jul. 20 | 2.1660 | 101,700,000 | 3-month LIBOR | 100,000,000 |
| 2023 | Jul. 20 | 2.1769 | 102,000,000 | 3-month LIBOR | 100,000,000 |
| 2023 | Jul. 20 | 2.1950 | 101,900,000 | 3-month LIBOR | 100,000,000 |
| 2023 | Jul. 20 | 2.2870 | 207,000,000 | 3-month LIBOR | 200,000,000 |
| 2023 | Jul. 20 | 2.2895 | 103,690,000 | 3-month LIBOR | 100,000,000 |
| 2023 | Jul. 20 | 2.3036 | 103,500,000 | 3-month LIBOR | 100,000,000 |
| 2023 | Jul. 20 | 2.4909 | 48,650,400 | 3-month LIBOR | 46,400,000 |
| 2023 | Aug. 20 | 1.1344 | 130,900,000 | 3-month LIBOR | 100,000,000 |
| 2023 | Aug. 20 | 2.4043 | 104,400,000 | 3-month LIBOR | 100,000,000 |
| 2023 | Aug. 20 | 2.4297 | 104,000,000 | 3-month LIBOR | 100,000,000 |
| 2023 | Aug. 20 | 2.4740 | 130,055,150 | 3-month LIBOR | 123,100,000 |
| 2023 | Aug. 20 | 2.4915 | 105,850,000 | 3-month LIBOR | 100,000,000 |
| 2023 | Sep. 18 | 1.3032 | 38,309,000 | 3-month LIBOR | 29,000,000 |
| 2023 | Sep. 20 | 2.4821 | 154,470,000 | 3-month LIBOR | 150,000,000 |
| 2023 | Sep. 20 | 2.5103 | 104,300,000 | 3-month LIBOR | 100,000,000 |
| 2023 | Sep. 20 | 2.5597 | 205,800,000 | 3-month LIBOR | 200,000,000 |
| 2023 | Oct. 20 | 2.6104 | 51,500,000 | 3-month LIBOR | 50,000,000 |
| 2023 | Oct. 20 | 2.6104 | 25,750,000 | 3-month LIBOR | 25,000,000 |
| 2023 | Oct. 20 | 2.6104 | 103,000,000 | 3-month LIBOR | 100,000,000 |
| 2023 | Oct. 20 | 2.6104 | 25,750,000 | 3-month LIBOR | 25,000,000 |
| 2023 | Oct. 20 | 2.7413 | 207,880,000 | 3-month LIBOR | 200,000,000 |

Table 1.2: Government of Canada Can\$/US\$ Swaps
For the cross-currency swaps listed below, the Government's Canadian-dollar liability has been swapped into a US-dollar liability.

| Year | Maturity Date | Coupon \% | Notional Amount (Can\$) | Basis | Notional Amount (US\$) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2023 | Oct. 20 | 2.7907 | 105,200,000 | 3-month LIBOR | 100,000,000 |
| 2023 | Dec. 13 | 1.3323 | 197,550,000 | Fixed | 150,000,000 |
| 2024 | Jan. 20 | 2.5316 | 78,345,000 | 3-month LIBOR | 75,000,000 |
| 2024 | Jan. 20 | 2.5869 | 132,000,000 | 3-month LIBOR | 125,000,000 |
| 2024 | Jan. 20 | 2.5878 | 105,250,000 | 3-month LIBOR | 100,000,000 |
| 2024 | Jan. 20 | 2.6370 | 104,850,000 | 3-month LIBOR | 100,000,000 |
| 2024 | Jan. 20 | 2.6400 | 104,900,000 | 3-month LIBOR | 100,000,000 |
| 2024 | Feb. 20 | 2.4424 | 78,120,000 | 3-month LIBOR | 70,000,000 |
| 2024 | Feb. 20 | 2.5768 | 117,390,000 | 3-month LIBOR | 107,500,000 |
| 2024 | Feb. 20 | 2.6122 | 109,600,000 | 3-month LIBOR | 100,000,000 |
| 2024 | Mar. 20 | 2.3645 | 111,100,000 | 3-month LIBOR | 100,000,000 |
| 2024 | Mar. 20 | 2.3910 | 83,835,000 | 3-month LIBOR | 75,000,000 |
| 2024 | Mar. 20 | 2.4044 | 111,350,000 | 3-month LIBOR | 100,000,000 |
| 2024 | Mar. 20 | 2.4382 | 110,520,000 | 3-month LIBOR | 100,000,000 |
| 2024 | Mar. 20 | 2.4657 | 109,329,300 | 3-month LIBOR | 99,300,000 |
| 2024 | Apr. 20 | 2.3959 | 110,530,000 | 3-month LIBOR | 100,000,000 |
| 2024 | Apr. 20 | 2.4730 | 110,760,000 | 3-month LIBOR | 100,000,000 |
| 2024 | Apr. 20 | 2.4846 | 111,050,000 | 3-month LIBOR | 100,000,000 |
| 2024 | Apr. 20 | 2.4932 | 84,000,000 | 3-month LIBOR | 75,000,000 |
| 2024 | May 20 | 2.3868 | 65,899,650 | 3-month LIBOR | 60,100,000 |
| 2024 | May 20 | 2.4483 | 137,212,500 | 3-month LIBOR | 125,000,000 |
| 2024 | May 20 | 2.4561 | 109,310,000 | 3-month LIBOR | 100,000,000 |
| 2024 | May 20 | 2.4750 | 50,458,500 | 3-month LIBOR | 45,000,000 |
| 2024 | Jun. 20 | 2.3443 | 109,740,000 | 3-month LIBOR | 100,000,000 |
| 2024 | Jun. 20 | 2.3675 | 81,757,500 | 3-month LIBOR | 75,000,000 |
| 2024 | Jun. 20 | 2.4057 | 109,640,000 | 3-month LIBOR | 100,000,000 |
| 2024 | Aug. 20 | 2.1120 | 135,137,500 | 3-month LIBOR | 125,000,000 |
| 2024 | Aug. 20 | 2.1142 | 136,813,205 | 3-month LIBOR | 126,550,000 |
| 2024 | Aug. 20 | 2.1144 | 107,360,000 | 3-month LIBOR | 100,000,000 |
| 2024 | Aug. 20 | 2.1413 | 107,370,000 | 3-month LIBOR | 100,000,000 |
| 2024 | Aug. 20 | 2.2189 | 107,320,000 | 3-month LIBOR | 100,000,000 |
| 2024 | Aug. 20 | 2.2536 | 106,750,000 | 3-month LIBOR | 100,000,000 |
| 2024 | Aug. 20 | 2.2594 | 106,730,000 | 3-month LIBOR | 100,000,000 |
| 2024 | Sep. 20 | 2.0773 | 109,370,000 | 3-month LIBOR | 100,000,000 |
| 2024 | Sep. 20 | 2.0884 | 109,380,000 | 3-month LIBOR | 100,000,000 |
| 2024 | Sep. 20 | 2.1084 | 109,150,000 | 3-month LIBOR | 100,000,000 |
| 2024 | Oct. 20 | 2.0844 | 54,375,000 | 3-month LIBOR | 50,000,000 |
| 2024 | Nov. 20 | 1.8812 | 113,080,000 | 3-month LIBOR | 100,000,000 |
| 2024 | Nov. 20 | 1.9580 | 112,300,000 | 3-month LIBOR | 100,000,000 |
| 2024 | Nov. 20 | 1.9834 | 112,240,000 | 3-month LIBOR | 100,000,000 |
| 2024 | Nov. 20 | 2.0021 | 113,040,000 | Fixed | 100,000,000 |
| 2024 | Nov. 20 | 2.0272 | 111,800,000 | 3-month LIBOR | 100,000,000 |

SECTION 1—GENERAL TABLES
BANK OF CANADA • SUMMARY OF GOVERNMENT OF CANADA DIRECT SECURITIES AND LOANS • OUTSTANDING AS AT DECEMBER 31, 2018

Table 1.2: Government of Canada Can\$/US\$ Swaps
For the cross-currency swaps listed below, the Government's Canadian-dollar liability has been swapped into a US-dollar liability.

| Year | Maturity Date | Coupon \% | Notional Amount (Can\$) | Basis | Notional Amount (US\$) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2024 | Dec. 02 | 1.9052 | 113,790,000 | 3-month LIBOR | 100,000,000 |
| 2024 | Dec. 03 | 1.8539 | 113,780,000 | 3-month LIBOR | 100,000,000 |
| 2024 | Dec. 11 | 1.8703 | 114,180,000 | 3-month LIBOR | 100,000,000 |
| 2024 | Dec. 15 | 2.0106 | 13,745,295 | 3-month LIBOR | 12,150,000 |
| 2025 | Jan. 16 | 1.5504 | 119,390,000 | 3-month LIBOR | 100,000,000 |
| 2025 | Jan. 20 | 2.0460 | 114,150,000 | 3-month LIBOR | 100,000,000 |
| 2025 | Jan. 22 | 1.4957 | 121,050,000 | 3-month LIBOR | 100,000,000 |
| 2025 | Jan. 22 | 1.6175 | 59,780,000 | Fixed | 50,000,000 |
| 2025 | Jan. 30 | 1.3553 | 124,490,000 | 3-month LIBOR | 100,000,000 |
| 2025 | Feb. 05 | 1.2298 | 125,240,000 | Fixed | 100,000,000 |
| 2025 | May 11 | 1.2051 | 64,925,000 | Fixed | 50,000,000 |
| 2025 | May 31 | 1.2374 | 258,800,000 | Fixed | 200,000,000 |
| 2025 | Jun. 02 | 1.2003 | 262,000,000 | Fixed | 200,000,000 |
| 2025 | Jun. 03 | 1.1862 | 196,275,000 | Fixed | 150,000,000 |
| 2025 | Jun. 06 | 1.1725 | 196,710,000 | Fixed | 150,000,000 |
| 2025 | Jun. 07 | 1.0701 | 64,745,000 | Fixed | 50,000,000 |
| 2025 | Jun. 13 | 1.0384 | 127,300,000 | Fixed | 100,000,000 |
| 2025 | Jun. 14 | 1.0286 | 127,110,000 | Fixed | 100,000,000 |
| 2025 | Jun. 14 | 1.0392 | 127,400,000 | Fixed | 100,000,000 |
| 2025 | Dec. 08 | 1.6180 | 133,730,000 | Fixed | 100,000,000 |
| 2025 | Dec. 10 | 1.5417 | 271,120,000 | Fixed | 200,000,000 |
| 2025 | Dec. 14 | 1.5016 | 271,800,000 | Fixed | 200,000,000 |
| 2025 | Dec. 17 | 1.4858 | 274,800,000 | Fixed | 200,000,000 |
| 2025 | Dec. 18 | 1.5262 | 275,720,000 | Fixed | 200,000,000 |
| 2026 | Feb. 04 | 1.1557 | 140,450,000 | Fixed | 100,000,000 |
| 2026 | Mar. 03 | 1.1828 | 202,290,000 | Fixed | 150,000,000 |
| 2026 | Apr. 18 | 1.2857 | 128,420,000 | Fixed | 100,000,000 |
| 2026 | Apr. 18 | 1.3094 | 128,400,000 | Fixed | 100,000,000 |
| 2026 | Apr. 19 | 1.2848 | 160,662,500 | Fixed | 125,000,000 |
| 2026 | Apr. 21 | 1.3176 | 127,180,000 | Fixed | 100,000,000 |
| 2026 | Apr. 22 | 1.3136 | 633,750,000 | Fixed | 500,000,000 |
| 2026 | Jul. 18 | 1.0360 | 258,440,000 | Fixed | 200,000,000 |
| 2026 | Jul. 18 | 1.0394 | 129,310,000 | Fixed | 100,000,000 |
| 2026 | Jul. 21 | 1.0895 | 195,555,000 | Fixed | 150,000,000 |
| 2026 | Aug. 05 | 1.0781 | 262,000,000 | Fixed | 200,000,000 |
| 2026 | Aug. 11 | 1.0029 | 262,340,000 | Fixed | 200,000,000 |
| 2026 | Aug. 12 | 0.9962 | 260,960,000 | Fixed | 200,000,000 |
| 2026 | Aug. 22 | 1.0487 | 255,320,000 | Fixed | 200,000,000 |
| 2026 | Sep. 01 | 1.0217 | 156,960,000 | Fixed | 120,000,000 |
| 2026 | Sep. 01 | 1.0218 | 130,620,000 | Fixed | 100,000,000 |
| 2026 | Sep. 07 | 1.0605 | 162,687,500 | Fixed | 125,000,000 |
| 2026 | Sep. 19 | 1.2139 | 198,045,000 | Fixed | 150,000,000 |

Table 1.2: Government of Canada Can\$/US\$ Swaps
For the cross-currency swaps listed below, the Government's Canadian-dollar liability has been swapped into a US-dollar liability.

| Year | Maturity Date | Coupon $\%$ | Notional Amount |  | (Can\$) |
| :---: | :---: | :---: | :---: | :---: | :---: |

Table 1.2: Government of Canada Can\$/US\$ Swaps
For the cross-currency swaps listed below, the Government's Canadian-dollar liability has been swapped into a US-dollar liability.

|  | Maturity Date | Coupon $\%$ | Notional Amount <br> $($ Can |  | Notional Amount |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Year | Mar. 12 | 2.2198 |  | Basis | $($ US\$) |
| 2028 | Mar. 13 | $258,420,000$ | Fixed | $200,000,000$ |  |
| 2028 | Mar. 26 | 2.2420 | $257,280,000$ | Fixed | $200,000,000$ |
| 2028 | Apr. 09 | 2.1820 | $129,060,000$ | Fixed | $100,000,000$ |
| 2028 | Apr. 10 | 2.1858 | 2.1570 | $191,700,000$ | Fixed |

Table 1.2: Government of Canada Can\$/US\$ Swaps
For the cross-currency swaps listed below, the Government's Canadian-dollar liability has been swapped into a US-dollar liability.

| Year | Maturity Date | Coupon \% | Notional Amount (Can\$) | Basis | Notional Amount (US\$) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2028 | Oct. 05 | 2.4893 | 128,260,000 | Fixed | 100,000,000 |
| 2028 | Oct. 16 | 2.4876 | 260,400,000 | Fixed | 200,000,000 |
| 2028 | Oct. 22 | 2.5160 | 130,340,000 | Fixed | 100,000,000 |
| 2028 | Oct. 22 | 2.5163 | 130,350,000 | Fixed | 100,000,000 |
| 2028 | Oct. 29 | 2.4355 | 130,920,000 | Fixed | 100,000,000 |
| 2028 | Oct. 29 | 2.4476 | 130,520,000 | Fixed | 100,000,000 |
| 2028 | Oct. 30 | 2.4010 | 131,460,000 | Fixed | 100,000,000 |
| 2028 | Oct. 30 | 2.4056 | 131,510,000 | Fixed | 100,000,000 |
| 2028 | Oct. 31 | 2.3976 | 131,050,000 | Fixed | 100,000,000 |
| 2028 | Nov. 01 | 2.4086 | 65,660,000 | Fixed | 50,000,000 |
| 2028 | Nov. 19 | 2.3781 | 132,310,000 | Fixed | 100,000,000 |
| 2028 | Dec. 03 | 2.3005 | 132,650,000 | Fixed | 100,000,000 |
| 2028 | Dec. 03 | 2.3007 | 132,700,000 | Fixed | 100,000,000 |
| 2028 | Dec. 04 | 2.2618 | 133,040,000 | Fixed | 100,000,000 |
| 2028 | Dec. 04 | 2.2665 | 133,170,000 | Fixed | 100,000,000 |
| 2028 | Dec. 04 | 2.2747 | 133,040,000 | Fixed | 100,000,000 |
| 2028 | Dec. 10 | 2.0355 | 268,400,000 | Fixed | 200,000,000 |
| 2028 | Dec. 10 | 2.0528 | 134,220,000 | Fixed | 100,000,000 |
| 2028 | Dec. 11 | 2.1019 | 132,960,000 | Fixed | 100,000,000 |
| 2028 | Dec. 11 | 2.1053 | 132,750,000 | Fixed | 100,000,000 |
| 2028 | Dec. 12 | 2.0557 | 133,550,000 | Fixed | 100,000,000 |
| 2028 | Dec. 18 | 2.1125 | 133,850,000 | Fixed | 100,000,000 |
| 2028 | Dec. 18 | 2.1160 | 133,880,000 | Fixed | 100,000,000 |
| Total |  |  | \$48,972,473,300 |  | \$42,454,738,919 |

Table 1.3: Government of Canada Can\$/Euro Swaps
For the cross-currency swaps listed below, the Government's Canadian-dollar liability has been swapped into a euro liability.

| Year | Maturity Date | Coupon \% | Notional Amount <br> (Can\$) | Basis | Notional Amount <br> (Euro) |
| :--- | :---: | :---: | ---: | :--- | ---: |
| 2019 | Jan. 20 | 2.9822 | $156,200,000$ | Fixed | $100,000,000$ |
| 2019 | Jan. 20 | 3.0603 | $39,485,000$ | Fixed | $25,000,000$ |
| 2019 | Apr. 20 | 3 -month CDOR | $158,800,000$ | Fixed | $100,000,000$ |
| 2019 | Jul. 20 | 3.4256 | $77,325,000$ | Fixed | $50,000,000$ |
| 2019 | Jul. 20 | 3.5051 | $155,100,000$ | Fixed | $100,000,000$ |
| 2019 | Jul. 20 | 3.5825 | $115,612,500$ | Fixed | $75,000,000$ |
| 2019 | Jul. 20 | 3.5825 | $153,750,000$ | Fixed | $100,000,000$ |
| 2019 | Jul. 20 | 3.5885 | $154,000,000$ | Fixed | $100,000,000$ |
| 2020 | Jul. 20 | 3.1415 | $66,750,000$ | Fixed | $50,000,000$ |
| 2020 | Oct. 09 | 0.8207 | $131,355,000$ | Fixed | $90,000,000$ |
| 2020 | Oct. 27 | 0.8538 | $131,130,000$ | Fixed | $90,000,000$ |
| 2020 | Nov. 13 | 1.0348 | $135,004,500$ | Fixed | $95,000,000$ |

Table 1.3: Government of Canada Can\$/Euro Swaps
For the cross-currency swaps listed below, the Government's Canadian-dollar liability has been swapped into a euro liability.

|  | Maturity Date | Coupon $\%$ | Notional Amount |  |
| :---: | :---: | :---: | :---: | :---: |
| Year | (Can\$) | Basis | (Euro) |  |
| 2020 | Nov. 17 | 0.9683 | $200,340,000$ | Fixed |

Table 1.3: Government of Canada Can\$/Euro Swaps
For the cross-currency swaps listed below, the Government's Canadian-dollar liability has been swapped into a euro liability.

|  | Maturity Date | Coupon $\%$ | Notional Amount |  | (Can\$) |
| :--- | :--- | :--- | :--- | :--- | ---: |

Table 1.3: Government of Canada Can\$/Euro Swaps
For the cross-currency swaps listed below, the Government's Canadian-dollar liability has been swapped into a euro liability.

| Year | Maturity Date | Coupon \% | Notional Amount <br> (Can\$) | Basis | Notional Amount <br> (Euro) |
| :---: | :---: | :---: | :---: | :---: | ---: |
| 2027 | Apr. 28 | 1.5226 | $295,440,000$ | Fixed | $200,000,000$ |
| 2027 | Jul. 18 | 1.8736 | $145,300,000$ | Fixed | $100,000,000$ |
| 2028 | Jan. 15 | 2.1719 | $150,950,000$ | Fixed | $100,000,000$ |
| 2028 | Jan. 23 | 2.2310 | $76,155,000$ | Fixed | $50,000,000$ |
| 2028 | Jan. 24 | 2.2238 | $152,510,000$ | Fixed | $100,000,000$ |
| 2028 | Feb. 01 | 2.2880 | $153,130,000$ | Fixed | $100,000,000$ |
| 2028 | Feb. 02 | 2.2815 | $76,505,000$ | Fixed | $50,000,000$ |
| 2028 | Feb. 07 | 2.3681 | $309,800,000$ | Fixed | $200,000,000$ |
| 2028 | Feb. 13 | 2.3452 | $154,400,000$ | Fixed | $100,000,000$ |
| 2028 | Feb. 14 | 2.3418 | $154,270,000$ | Fixed | $100,000,000$ |
| Total |  |  | $\$ 13,659,725,069$ |  | $€ 9,409,000,000$ |

Table 1.4: Government of Canada Can\$/Yen Swaps
For the cross-currency swaps listed below, the Government's Canadian-dollar liability has been swapped into a yen liability.

| Year | Maturity Date | Coupon \% | Notional Amount <br> (Can\$) | Basis | Notional Amount <br> (Yen) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2019 | Mar. 20 | 1.7354 | $67,729,619$ | Fixed | $6,300,000,000$ |
| 2019 | Jul. 20 | 1.5826 | $122,245,000$ | Fixed | $11,500,000,000$ |
| 2019 | Jul. 20 | 1.6409 | $110,670,000$ | Fixed | $10,500,000,000$ |
| 2019 | Jul. 20 | 1.6499 | $111,690,246$ | Fixed | $10,500,000,000$ |
| 2019 | Jul. 20 | 1.6583 | $111,773,472$ | Fixed | $10,500,000,000$ |
| 2019 | Jul. 20 | 1.6670 | 1.1557 | $30,557,300$ | Fixed |

Table 1.4: Government of Canada Can\$/Yen Swaps
For the cross-currency swaps listed below, the Government's Canadian-dollar liability has been swapped into a yen liability.

| Year | Maturity Date | Coupon \% | Notional Amount <br> (Can\$) | Basis | Notional Amount <br> (Yen) |
| :--- | :---: | :---: | :---: | :---: | :---: |
| 2023 | Nov. 15 | 2.3957 | $116,292,592$ | Fixed | $10,000,000,000$ |
| 2023 | Nov. 16 | 2.3870 | $116,191,251$ | Fixed | $10,000,000,000$ |
| 2023 | Nov. 19 | 2.3114 | $116,890,707$ | Fixed | $10,000,000,000$ |
| 2023 | Nov. 19 | 2.3130 | $116,814,242$ | Fixed | $10,000,000,000$ |
| 2023 | Dec. 10 | 1.9703 | $119,431,506$ | Fixed | $10,000,000,000$ |
| 2023 | Dec. 10 | 1.9869 | $119,260,584$ | Fixed | $10,000,000,000$ |
| Total |  |  | $\$ 3,252,160,743$ |  | $¥ 283,200,000,000$ |

Table 1.5: Government of Canada Can\$/Pound Sterling Swaps
For the cross-currency swaps listed below, the Government's Canadian-dollar liability has been swapped into a pound sterling liability.

| Year | Maturity Date | Coupon \% | Notional Amount <br> (Cans) | Basis | Notional Amount <br> (Pound sterling) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2019 | Apr. 20 | 1.6293 | $102,250,500$ | Fixed | 55,000,000 |
| 2019 | Apr. 20 | 1.7674 | $100,315,800$ | Fixed | 54,000,000 |
| 2019 | May 20 | 1.6970 | $138,675,000$ | Fixed | 75,000,000 |
| 2019 | Jul. 20 | 1.6300 | 1.5408 | $138,277,500$ | Fixed |

Table 1.5: Government of Canada Can\$/Pound Sterling Swaps
For the cross-currency swaps listed below, the Government's Canadian-dollar liability has been swapped into a pound sterling liability.

|  | Maturity Date | Coupon $\%$ | Notional Amount <br> (Can\$) | Basis | Notional Amount <br> (Pound sterling) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Year | Sep. 08 | 1.4529 | $131,365,000$ | Fixed | $65,000,000$ |
| 2025 | Sep. 08 | 1.4538 | $207,800,000$ | Fixed | $100,000,000$ |
| 2025 | Sep. 08 | 1.4580 | 1.4621 | $198,950,000$ | Fixed |

## Section 2.1—Treasury Bills

## General Characteristics

The following general characteristics apply to Government of Canada treasury bills:

- As of September 18, 1997, treasury bills are issued every two weeks.
- Primary distributors submit treasury bill tenders electronically to the Bank of Canada.
- Treasury bills are generally issued with a term to maturity of 98 days, 168 or 182 days, and 350 or 364 days.
- For cash-management reasons, treasury bills may also be issued with a term to maturity of (usually) less than 91 days.
- Treasury bills are priced at a discount. The return is the difference between the purchase price and the par value. The rate of return (yield) is conventionally calculated by dividing this difference by the purchase price and expressing the result as an annual percentage rate, using a 365-day year. The rate of return is computed as follows:

$$
\text { yield }=\frac{\text { par value }- \text { purchase price }}{\text { purchase price }} \times \frac{365 \times 100}{\text { term }}
$$

- Effective April 2008, all new issues of treasury bills are issued in book-entry form only.
- The full amount of the treasury bills is registered in fully registered form in the name of "CDS \& Co.," a nominee of the Canadian Depository for Securities Limited (CDS), and recorded in book-entry form by the registrar.
- Principal is paid in lawful money of Canada to CDS \& Co.
- Treasury bills must be purchased, transferred or sold directly or indirectly through a participant of CDSX, the debt clearing and money market system operated by CDS.

Table 2.1: Treasury Bills
Listed by Maturity Date and Outstanding Amount

| Maturity Date 2019 | Issue Date 2018 | Average Price <br> at Tender | Average Yield <br> at Tender (\%) | Outstanding Amount (\$) |
| :---: | :---: | :---: | :---: | ---: |
| Jan. 3 | Dec. 10 | 99.888 | 1.711 | $3,900,000,000$ |
| Jan. 4 | Dec. 12 | 99.891 | 1.735 | $3,500,000,000$ |
| Jan. 10 | Jan. 11 | 98.399 | 1.632 | $1,800,000,000$ |
| Jan. 10 | Jan. 25 | 98.479 | 1.611 | $1,800,000,000$ |
| Jan. 10 | Oct. 4 | 99.564 | 1.630 | $4,700,000,000$ |
| Jan. 10 | Dec. 20 | 99.903 | 1.686 | $2,600,000,000$ |
| Jan. 24 | Jul. 26 | 99.215 | 1.586 | $2,000,000,000$ |
| Jan. 24 | Aug. 9 | 99.249 | 1.645 | $2,600,000,000$ |
| Jan 24 | Oct. 18 | 99.556 | 1.661 | $5,000,000,000$ |

Table 2.1: Treasury Bills
Listed by Maturity Date and Outstanding Amount

| Maturity Date 2019 | Issue Date 2018 | Average Price at Tender | Average Yield at Tender (\%) | Outstanding Amount (\$) |
| :---: | :---: | :---: | :---: | :---: |
| Feb. 7 | Feb. 8 | 98.407 | 1.623 | 1,800,000,000 |
| Feb. 7 | Feb. 22 | 98.484 | 1.605 | 1,800,000,000 |
| Feb. 7 | Nov. 1 | 99.537 | 1.734 | 5,600,000,000 |
| Feb. 21 | Aug. 23 | 99.152 | 1.715 | 2,900,000,000 |
| Feb. 21 | Sep. 6 | 99.215 | 1.720 | 2,400,000,000 |
| Feb. 21 | Nov. 15 | 99.539 | 1.726 | 5,900,000,000 |
| Mar. 7 | Mar. 8 | 98.456 | 1.573 | 1,800,000,000 |
| Mar. 7 | Mar. 22 | 98.491 | 1.598 | 1,800,000,000 |
| Mar. 7 | Nov. 29 | 99.542 | 1.713 | 6,500,000,000 |
| Mar. 21 | Sep. 20 | 99.140 | 1.740 | 2,300,000,000 |
| Mar. 21 | Oct. 4 | 99.176 | 1.806 | 1,900,000,000 |
| Mar. 21 | Dec. 13 | 99.558 | 1.655 | 5,000,000,000 |
| Apr. 4 | Apr. 5 | 98.388 | 1.643 | 2,000,000,000 |
| Apr. 4 | Apr. 19 | 98.411 | 1.684 | 2,300,000,000 |
| Apr. 4 | Dec. 27 | 99.555 | 1.665 | 4,400,000,000 |
| Apr. 18 | Oct. 18 | 99.077 | 1.869 | 2,000,000,000 |
| Apr. 18 | Nov. 1 | 99.134 | 1.898 | 2,200,000,000 |
| May 2 | May 3 | 98.339 | 1.694 | 2,700,000,000 |
| May 2 | May 17 | 98.344 | 1.756 | 2,800,000,000 |
| May 16 | Nov. 15 | 99.046 | 1.931 | 2,300,000,000 |
| May 16 | Nov. 29 | 99.129 | 1.910 | 2,500,000,000 |
| May 30 | May 31 | 98.328 | 1.705 | 2,400,000,000 |
| May 30 | Jun. 14 | 98.398 | 1.698 | 2,000,000,000 |
| Jun. 13 | Dec. 13 | 99.099 | 1.823 | 2,000,000,000 |
| Jun. 13 | Dec. 27 | 99.175 | 1.808 | 1,800,000,000 |
| Jun. 27 | Jun. 28 | 98.369 | 1.663 | 2,000,000,000 |
| Jun. 27 | Jul. 12 | 98.323 | 1.779 | 2,000,000,000 |
| Jul. 25 | Jul. 26 | 98.206 | 1.832 | 2,000,000,000 |
| Jul. 25 | Aug. 9 | 98.168 | 1.946 | 2,600,000,000 |
| Aug. 22 | Aug. 23 | 98.075 | 1.968 | 2,900,000,000 |
| Aug. 22 | Sep. 6 | 98.176 | 1.938 | 2,400,000,000 |
| Sep. 19 | Sep. 20 | 98.052 | 1.992 | 2,300,000,000 |
| Sep. 19 | Oct. 4 | 98.030 | 2.096 | 1,900,000,000 |
| Oct. 17 | Oct. 18 | 97.954 | 2.094 | 2,000,000,000 |
| Oct. 17 | Nov. 1 | 97.986 | 2.144 | 2,200,000,000 |
| Nov. 14 | Nov. 15 | 97.881 | 2.171 | 2,300,000,000 |
| Nov. 14 | Nov. 29 | 98.017 | 2.110 | 2,500,000,000 |
| Dec. 12 | Dec. 13 | 98.052 | 1.992 | 2,000,000,000 |
| Dec. 12 | Dec. 27 | 98.176 | 1.938 | 1,800,000,000 |
|  |  |  |  | 129,900,000,000 |

## Section 2.2—Marketable Bonds

## General Characteristics

The following general characteristics apply to Government of Canada domestic marketable bonds unless otherwise indicated in the details of each maturity.

## Registered Bonds

- Principal is payable without charge in lawful money of Canada at the Bank of Canada, Ottawa.
" Interest is payable without charge in lawful money of Canada at any branch of any authorized financial institution in Canada.
- Registered bonds are interchangeable by denomination.
- The denominations and serial letters of registered bonds are as follows:

|  | $\$ 1,000$ | $\$ 5,000$ | $\$ 25,000$ | $\$ 100,000$ | $\$ 1,000,000$ |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Registered | M | V | X | Y | L |

- All domestic marketable bonds are sold by auction.
- All new issues of Government of Canada domestic marketable bonds are issued in registered format only.
- Registration is at the Bank of Canada, Ottawa.
- Government of Canada marketable bonds payable in Canadian dollars are non-callable.
- The dates under "The Closing of Books for Interest" are subject to change without notice. Unless otherwise indicated, the date for the closing of books for interest is the 12th day of the month preceding the interest payment.


## Global Certificates

- From October 1995 to March 2008, all new issues of domestic marketable bonds were issued in global-certificate form only. These global certificates were subsequently replaced by a book-entry register.
- A book-entry position for the full amount of the bonds is issued in fully registered form in the name of "CDS \& Co.," a nominee of the Canadian Depository for Securities Limited (CDS).
- Principal and interest are paid in lawful money of Canada to CDS \& Co.
- The bonds must be purchased, transferred or sold directly or indirectly through a participant of CDSX, the debt clearing and money market system operated by CDS, and only in denominations of $\$ 1,000$ and integral multiples thereof.

Table 2.2.1: Marketable Bonds
Listed by Series, ISIN, and Outstanding Amount

| Series | ISIN | Maturity | Coupon (\%) | Outstanding <br> Amount (\$) |
| :---: | :---: | :---: | :---: | :---: |
| A39 | CA135087TZ75 | Mar. 15, 2021 | 10.50 | 567,361,000 |
| A43 | CA135087UE28 | Jun. 1, 2021 | 9.75 | 286,188,000 |
| A49 | CA135087UM44 | Jun. 1, 2022 | 9.25 | 206,022,000 |
| A55 | CA135087UT96 | Jun. 1, 2023 | 8.00 | 2,358,552,000 |
| A610 | CA135087A610 | Jun. 1, 2023 | 1.50 | 14,200,000,000 |
| A76 | CA135087VH40 | Jun. 1, 2025 | 9.00 | 2,303,156,000 |
| B451 | CA135087B451 | Jun. 1, 2024 | 2.50 | 13,800,000,000 |
| B865 | CA135087B865 | Mar. 1, 2019 | 1.75 | 7,992,000,000 |
| B949 | CA135087B949 | Dec. 1, 2047 | 1.25 | 8,374,289,000 |
| C855 | CA135087C855 | Sep. 1, 2019 | 1.75 | 10,863,566,000 |
| C939 | CA135087C939 | Dec. 1, 2064 | 2.75 | 4,750,000,000 |
| D358 | CA135087D358 | Dec. 1, 2048 | 2.75 | 14,900,000,000 |
| D507 | CA135087D507 | Jun. 1, 2025 | 2.25 | 13,100,000,000 |
| D929 | CA135087D929 | Mar. 1, 2020 | 1.50 | 22,341,986,000 |
| E596 | CA135087E596 | Sep. 1, 2020 | 0.75 | 26,000,000,000 |
| E679 | CA135087E679 | Jun. 1, 2026 | 1.50 | 13,500,000,000 |
| F254 | CA135087F254 | Mar. 1, 2021 | 0.75 | 25,500,000,000 |
| F585 | CA135087F585 | Sep. 1, 2021 | 0.75 | 19,200,000,000 |
| F825 | CA135087F825 | Jun. 1, 2027 | 1.00 | 15,000,000,000 |
| G328 | CA135087G328 | Mar. 1, 2022 | 0.50 | 17,000,000,000 |
| G401 | CA135087G401 | Feb. 1, 2019 | 0.50 | 7,940,287,000 |
| G658 | CA135087G658 | May 1, 2019 | 0.75 | 7,888,420,000 |
| G732 | CA135087G732 | Sep. 1, 2022 | 1.00 | 15,600,000,000 |
| G815 | CA135087G815 | Aug. 1, 2019 | 0.75 | 9,650,511,000 |
| G997 | CA135087G997 | Dec. 1, 2050 | 0.50 | 4,126,800,000 |
| H235 | CA135087H235 | Jun. 1, 2028 | 2.00 | 13,500,000,000 |
| H318 | CA135087H318 | Nov. 1, 2019 | 1.25 | 15,167,500,000 |
| H490 | CA135087VH40 | Mar. 1, 2023 | 1.75 | 15,000,000,000 |
| H565 | CA135087H565 | Feb. 1, 2020 | 1.25 | 12,158,718,000 |
| H722 | CA135087H722 | Dec. 1, 2051 | 2.00 | 4,900,000,000 |
| H805 | CA135087H805 | May 1, 2020 | 1.75 | 11,925,000,000 |
| H987 | CA135087H987 | Sep. 1, 2023 | 2.00 | 12,000,000,000 |
| J215 | CA135087J215 | Aug. 1, 2020 | 1.75 | 12,000,000,000 |
| $J 397$ | CA135087J397 | Jun. 1, 2029 | 2.25 | 6,000,000,000 |
| J470 | CA135087J470 | Nov. 1, 2020 | 2.00 | 12,000,000,000 |
| J546 | CA135087J546 | Mar. 1, 2024 | 2.25 | 6,000,000,000 |
| J629 | CA135087J629 | Feb. 1, 2021 | 2.25 | 9,000,000,000 |
| L25 | CA135087UL60 | Dec. 1, 2021 | 4.25 | 8,352,501,750 |
| VS05 | CA135087VS05 | Dec. 1, 2026 | 4.25 | 8,015,385,000 |
| VW17 | CA135087VW17 | Jun. 1, 2027 | 8.00 | 4,035,975,000 |
| WL43 | CA135087WL43 | Jun. 1, 2029 | 5.75 | 10,883,378,000 |
| WV25 | CA135087WV25 | Dec. 1, 2031 | 4.00 | 8,510,456,000 |

Table 2.2.1: Marketable Bonds
Listed by Series, ISIN, and Outstanding Amount

| Series | ISIN | Maturity | Coupon (\%) | Outstanding <br> Amount (\$) |
| :---: | :---: | :---: | :---: | ---: |
| XG49 | CA135087XG49 | Jun. 1, 2033 | 5.75 | $12,313,905,000$ |
| XQ21 | CA135087XQ21 | Dec. 1, 2036 | 3.00 | $7,616,232,000$ |
| XW98 | CA135087XW98 | Jun. 1, 2037 | 5.00 | $12,592,274,000$ |
| YK42 | CA135087YK42 | Dec. 1, 2041 | 2.00 | $7,896,811,000$ |
| YQ12 | CA135087YQ12 | Jun. 1, 2041 | 4.00 | $14,805,520,000$ |
| YR94 | CA135087YR94 | Jun. 1, 2019 | 3.75 | $7,934,932,000$ |
| YZ11 | CA135087YZ11 | Jun. 1, 2020 | 3.50 | $13,100,000,000$ |
| ZH04 | CA135087ZH04 | Dec. 1, 2044 | 1.50 | $8,931,384,000$ |
| ZJ69 | CA135087Z169 | Jun. 1, 2021 | 3.25 | $11,500,000,000$ |
| ZS68 | CA135087ZS68 | Dec. 1, 2045 | 3.50 | $16,400,000,000$ |
| ZU15 | CA135087ZU15 | Jun. 1, 2022 | 2.75 | $12,700,000,000$ |
|  |  |  |  | $572,689,109,750$ |

Table 2.2.2: Marketable Bonds
Listed by Maturity Date

| Maturity Date |  | Coupon (\%) | Certificate Type | Series |
| :---: | :---: | :---: | :---: | :---: |
| 2019 | Feb. 1 | 0.50 | Book-entry | G401 |
| 2019 | Mar. 1 | 1.75 | Book-entry | B865 |
| 2019 | May 1 | 0.75 | Book-entry | G658 |
| 2019 | Jun. 1 | 3.75 | Book-entry | YR94 |
| 2019 | Aug. 1 | 0.75 | Book-entry | G815 |
| 2019 | Sep. 1 | 1.75 | Book-entry | C855 |
| 2019 | Nov. 1 | 1.25 | Book-entry | H318 |
| 2020 | Feb. 1 | 1.25 | Book-entry | H565 |
| 2020 | Mar. 1 | 1.50 | Book-entry | D929 |
| 2020 | May 1 | 1.75 | Book-entry | H805 |
| 2020 | Jun. 1 | 3.50 | Book-entry | YZ11 |
| 2020 | Aug. 1 | 1.75 | Book-entry | J215 |
| 2020 | Sep. 1 | 0.75 | Book-entry | E596 |
| 2020 | Nov. 1 | 2.00 | Book-entry | J470 |
| 2021 | Feb. 1 | 2.25 | Book-entry | J629 |
| 2021 | Mar. 1 | 0.75 | Book-entry | F254 |
| 2021 | Mar. 15 | 10.50 | Bearer \& Registered | A39 |
| 2021 | Jun. 1 | 9.75 | Bearer \& Registered | A43 |
| 2021 | Jun. 1 | 3.25 | Book-entry | Z 69 |
| 2021 | Sep. 1 | 0.75 | Book-entry | F585 |
| 2021 | Dec. 1 | 4.25 | Book-entry ${ }^{\text {a }}$ | L25 |
| 2022 | Mar. 1 | 0.50 | Book-entry | G328 |
| 2022 | Jun. 1 | 9.25 | Bearer \& Registered | A49 |
| 2022 | Jun. 1 | 2.75 | Book-entry | ZU15 |
| 2022 | Sep. 1 | 1.00 | Book-entry | G732 |
| 2023 | Mar. 1 | 1.75 | Book-entry | H490 |

Table 2.2.2: Marketable Bonds
Listed by Maturity Date

| Maturity Date |  | Coupon (\%) | Certificate Type | Series |
| :---: | :---: | :---: | :---: | :---: |
| 2023 | Jun. 1 | 8.00 | Bearer \& Registered | A55 |
| 2023 | Jun. 1 | 1.50 | Book-entry | A610 |
| 2023 | Sep. 1 | 2.00 | Book-entry | H987 |
| 2024 | Mar. 1 | 2.25 | Book-entry | J546 |
| 2024 | Jun. 1 | 2.50 | Book-entry | B451 |
| 2025 | Jun. 1 | 9.00 | Bearer \& Registered | A76 |
| 2025 | Jun. 1 | 2.25 | Book-entry | D507 |
| 2026 | Jun. 1 | 1.50 | Book-entry | E679 |
| 2026 | Dec. 1 | 4.25 | Book-entry ${ }^{\text {a }}$ | VS05 |
| 2027 | Jun. 1 | 1.00 | Book-entry | F825 |
| 2027 | Jun. 1 | 8.00 | Book-entry ${ }^{\text {a }}$ | VW17 |
| 2028 | Jun. 1 | 2.00 | Book-entry | H235 |
| 2029 | Jun. 1 | 5.75 | Book-entry ${ }^{\text {a }}$ | WL43 |
| 2029 | Jun. 1 | 2.25 | Book-entry | J397 |
| 2031 | Dec. 1 | 4.00 | Book-entry ${ }^{\text {a }}$ | WV25 |
| 2033 | Jun. 1 | 5.75 | Book-entry ${ }^{\text {a }}$ | XG49 |
| 2036 | Dec. 1 | 3.00 | Book-entry ${ }^{\text {a }}$ | XQ21 |
| 2037 | Jun. 1 | 5.00 | Book-entry ${ }^{\text {a }}$ | XW98 |
| 2041 | Jun. 1 | 4.00 | Book-entry | YQ12 |
| 2041 | Dec. 1 | 2.00 | Book-entry ${ }^{\text {a }}$ | YK42 |
| 2044 | Dec. 1 | 1.50 | Book-entry | ZH04 |
| 2045 | Dec. 1 | 3.50 | Book-entry | ZS68 |
| 2047 | Dec. 1 | 1.25 | Book-entry | B949 |
| 2048 | Dec. 1 | 2.75 | Book-entry | D358 |
| 2050 | Dec. 1 | 0.50 | Book-entry | G997 |
| 2051 | Dec. 1 | 2.00 | Book-entry | H722 |
| 2064 | Dec. 1 | 2.75 | Book-entry | C939 |

a. Initially issued in global-certificate form

# ½\% Bonds due February 1, 2019 

| Interest Payable: | Feb. 1 and Aug. 1 |
| :---: | :---: |
| Issue Information: | Nov. 7, 2016 - \$3,900,000,000 issued, auction average 0.564\% (99.858) |
|  | Dec. 2, 2016 - \$3,900,000,000 issued, auction average 0.727\% (99.513) plus accrued interest from Nov. 7, 2016 |
|  | Dec. 23, 2016 - \$3,900,000,000 issued, auction average 0.865\% (99.239) plus accrued interest from Nov. 7, 2016 |
|  | Jan. 13, 2017 - \$3,900,000,000 issued, auction average 0.772\% (99.447) plus accrued interest from Nov. 7, 2016 |
| Cancellation Information: | Sep. 29, 2017 - \$90,000,000 cancelled |
|  | Nov. 3, 2017 - \$226,000,000 cancelled |
|  | Dec. 8, 2017 - \$150,000,000 cancelled |
|  | Dec. 22, 2017 - \$400,000,000 cancelled |
|  | Feb. 2, 2018 - \$190,000,000 cancelled |
|  | Feb. 9, 2018 - \$900,000,000 cancelled |
|  | Feb. 23, 2018 - \$400,000,000 cancelled |
|  | Mar. 2, 2018 - \$283,000,000 cancelled |
|  | Mar. 16, 2018 - \$145,000,000 cancelled |
|  | Mar. 23, 2018 - \$450,000,000 cancelled |
|  | Apr. 2, 2018 - \$350,000,000 cancelled |
|  | Apr. 13, 2018 - \$815,000,000 cancelled |
|  | Apr. 20, 2018 - \$360,000,000 cancelled |
|  | Apr. 27, 2018 - \$550,000,000 cancelled |
|  | May 4, 2018 - \$500,000,000 cancelled |
|  | May 11, 2018 - \$475,000,000 cancelled |
|  | May 25, 2018 - \$300,000,000 cancelled |
|  | Jul. 6, 2018 - \$379,713,000 cancelled |
|  | Jul. 20, 2018 - \$400,000,000 cancelled |
|  | Jul. 27, 2018 - \$296,000,000 cancelled |
| Outstanding: | \$7,940,287,000 |

## 1³⁄\% Bonds due March 1, 2019

Interest Payable:

Issue Information:
Mar. 1 and Sep. 1

Nov. 12, 2013 - \$3,400,000,000 issued, auction average 1.907\% (99.213)
Jan. 20, 2014 - \$3,400,000,000 issued, auction average 1.887\% (99.336) plus accrued interest from Nov. 12, 2013
Feb. 24, 2014 - \$3,400,000,000 issued, auction average 1.688\%
(100.297) plus accrued interest from Nov. 12, 2013

Cancellation Information: Feb. 16, 2018-\$25,000,000 cancelled Mar. 16, 2018 - \$429,000,000 cancelled Mar. 23, 2018 - \$400,000,000 cancelled Apr. 2, 2018 - \$250,000,000 cancelled

Apr. 13, 2018 - \$510,000,000 cancelled Apr. 20, 2018 - \$500,000,000 cancelled Apr. 27, 2018 - \$94,000,000 cancelled

Outstanding: $\$ 7,992,000,000$

## 3/4\% Bonds due May 1, 2019

| Interest Payable: | May 1 and Nov. 1 |
| :---: | :---: |
| Issue Information: | Feb. 6, 2017 - \$3,900,000,000 issued, auction average 0.832\% (99.819) |
|  | Feb. 24, 2017 - \$3,900,000,000 issued, auction average $0.831 \%$ (99.825) plus accrued interest from Feb. 6, 2017 |
|  | Mar. 31, 2017 - \$3,900,000,000 issued, auction average $0.761 \%$ (99.977) plus accrued interest from Feb. 6, 2017 |
|  | Apr. 21, 2017 - $\$ 3,900,000,000$ issued, auction average $0.743 \%$ (100.014) plus accrued interest from Feb. 6, 2017 |
| Cancellation Information: | Jan. 19, 2018 - \$50,000,000 cancelled |
|  | Jan. 26, 2018 - \$100,000,000 cancelled |
|  | Apr. 27, 2018 - \$10,000,000 cancelled |
|  | May 11, 2018 - \$375,000,000 cancelled |
|  | May 25, 2018 - \$150,000,000 cancelled |
|  | Jun. 8, 2018 - \$50,000,000 cancelled |
|  | Jul. 6, 2018 - \$372,830,000 cancelled |
|  | Jul. 13, 2018 - \$450,000,000 cancelled |
|  | Jul. 27, 2018 - \$108,080,000 cancelled |
|  | Aug. 10, 2018 - \$100,000,000 cancelled |
|  | Aug. 17, 2018 - \$44,670,000 cancelled |
|  | Aug. 24, 2018 - \$450,000,000 cancelled |
|  | Sep. 7, 2018 - \$400,000,000 cancelled |
|  | Sep. 14, 2018 - \$300,000,000 cancelled |
|  | Oct. 5, 2018 - \$50,000,000 cancelled |
|  | Oct. 19, 2018 - \$330,000,000 cancelled |
|  | Oct. 26, 2018 - \$1,460,000,000 cancelled |
|  | Nov. 9, 2018 - \$1,461,000,000 cancelled |
|  | Nov. 16, 2018 - \$500,000,000 cancelled |
|  | Nov. 23, 2018 - \$950,000,000 cancelled |
| Outstanding: | \$7,888,420,000 |

## 3³\% Bonds due June 1, 2019

Interest Payable:

Issue Information:

Jun. 1 and Dec. 1

Oct. 6, $2008-\$ 2,500,000,000$ issued, auction average 3.807\% (99.508)

Nov. 10, 2008 - $\$ 300,000,000$ issued, switch replacement priced at 98.798 plus accrued interest from Oct. 6, 2008

Feb. 9, $2009-\$ 3,300,000,000$ issued, priced at $3.346 \%$ (103.494) plus accrued interest from Dec. 1, 2008

Mar. 2, $2009-\$ 3,500,000,000$ issued, priced at $3.151 \%$ (105.209) plus accrued interest from Dec. 1, 2008
Mar. 10, 2009 - \$750,000,000 issued, switch replacement priced at 106.997 plus accrued interest from Dec. 1, 2008

Apr. 14, 2009 - $\$ 600,000,000$ issued, switch replacement priced at 107.096 plus accrued interest from Dec. 1, 2008

Jun. 15, $2009-\$ 3,500,000,000$ issued, priced at $3.636 \%(100.944)$ plus accrued interest from Jun. 1, 2009
Aug. 18, 2009 - $\$ 3,200,000,000$ issued, priced at $3.527 \%$ (101.828) plus accrued interest from Jun. 1, 2009

Cancellation Information: Dec. 15, 2017-\$70,000,000 cancelled Jan. 12, 2018 - \$50,000,000 cancelled Jan. 26, 2018 - \$20,000,000 cancelled Feb. 2, 2018 - \$100,000,000 cancelled Feb. 16, 2018 - \$138,000,000 cancelled Mar. 9, 2018 - \$285,000,000 cancelled Mar. 16, 2018 - \$275,000,000 cancelled Mar 23, 2018 - \$320,000,000 cancelled Apr. 2, 2018 - \$25,000,000 cancelled Apr.27, 2018 - \$10,000,000 cancelled May 4, 2018 - $\$ 332,000,000$ cancelled May 11, 2018 - $\$ 300,000,000$ cancelled May 18, 2018 - \$125,000,000 cancelled May 25, 2018 - \$200,000,000 cancelled Jun. 8, 2018 - \$420,000,000 cancelled Jun. 15, 2018 - \$291,000,000 cancelled Jun. 22, 2018 - \$325,000,000 cancelled Jul. 6, 2018 - \$154,186,000 cancelled Jul. 20, 2018 - \$300,000,000 cancelled Aug. 3, 2018 - $\$ 100,000,000$ cancelled Aug. 17, 2018 - $\$ 303,443,000$ cancelled Aug. 24, 2018 - $\$ 300,000,000$ cancelled Sep. 14, 2018 - \$800,000,000 cancelled Sep. 21, 2018 - \$1,500,000,000 cancelled Sep. 28, 2018 - \$700,000,000 cancelled Oct. 5, 2018 - \$340,000,000 cancelled Oct. 12, 2018 - \$140,000,000 cancelled Oct. 19, 2018 - $\$ 300,000,000$ cancelled Nov. 2, 2018 - \$500,000,000 cancelled Nov. 9, 2018 - \$39,000,000 cancelled Nov. 16, 2018 - \$952,439,000 cancelled

Outstanding: $\quad \$ 7,934,932,000$

## 3/4\% Bonds due August 1, 2019

## G815

Interest Payable:

Issue Information:

Feb. 1 and Aug. 1

May 12, 2017 - \$3,900,000,000 issued, auction average 0.760\% (99.978)

Jun. 9, 2017 - \$3,900,000,000 issued, auction average 0.742\%
(100.017) plus accrued interest from May 12, 2017

|  | Jun. 30, 2017 - \$3,900,000,000 issued, auction average 1.073\% (99.335) plus accrued interest from May 12, 2017 |
| :---: | :---: |
|  | Jul. 21, 2017 - $\$ 3,900,000,000$ issued, auction average $1.251 \%$ (98.999) plus accrued interest from May 12, 2017 |
| Cancellation Information: | Feb. 16, 2018-\$107,000,000 cancelled |
|  | Feb. 23, 2018 - \$187,000,000 cancelled |
|  | Mar. 2, 2018 - \$80,000,000 cancelled |
|  | Mar. 16, 2018 - \$100,000,000 cancelled |
|  | Apr. 2, 2018 - \$130,000,000 cancelled |
|  | Apr. 6, 2018 - \$175,000,000 cancelled |
|  | Apr. 13, 2018 - \$112,000,000 cancelled |
|  | Apr. 20, 2018 - \$140,000,000 cancelled |
|  | Jun. 8, 2018 - \$75,000,000 cancelled |
|  | Jun.15, 2018 - \$50,000,000 cancelled |
|  | Jun. 29, 2018 - \$200,000,000 cancelled |
|  | Jul. 6, 2018 - \$612,871,000 cancelled |
|  | Jul. 20, 2018 - \$25,000,000 cancelled |
|  | Jul. 27, 2018 - \$274,000,000 cancelled |
|  | Aug. 3, 2018 - \$100,000,000 cancelled |
|  | Aug. 17, 2018 - \$651,887,000 cancelled |
|  | Aug. 24, 2018 - \$250,000,000 cancelled |
|  | Aug. 31, 2018 - \$300,000,000 cancelled |
|  | Sep. 14, 2018 - \$300,000,000 cancelled |
|  | Sep. 21, 2018 - \$150,000,000 cancelled |
|  | Oct. 5, 2018 - \$450,000,000 cancelled |
|  | Oct. 12, 2018 - \$100,000,000 cancelled |
|  | Oct. 19, 2018 - \$89,000,000 cancelled |
|  | Nov. 16, 2018 - \$27,439,000 cancelled |
|  | Nov. 23, 2018 - \$50,000,000 cancelled |
|  | Nov. 30, 2018 - \$556,588,000 cancelled |
|  | Dec. 7, 2018 - \$196,704,000 cancelled |
|  | Dec. 14, 2018 - \$190,000,000 cancelled |
|  | Dec. 21, 2018 - \$270,000,000 cancelled |
| Outstanding: | \$9,650,511,000 |

## 1³⁄2\% Bonds due September 1, 2019

## C855

CA135087-C855

Interest Payable:

Issue Information:

Mar. 1 and Sep. 1

Apr. 14, 2014 - \$3,400,000,000 issued, auction average 1.839\% (99.547)
May 12, 2014 - \$3,400,000,000 issued, auction average 1.738\% (100.061) plus accrued interest from Apr. 14, 2014

Aug. 11, 2014 - \$3,400,000,000 issued, auction average 1.546\% (100.989) plus accrued interest from Apr. 14, 2014

Jul. 19, 2016 - \$3,200,000,000 issued, auction average 0.547\% (103.716) plus accrued interest from Mar. 1, 2016

Aug. 29, 2016 - \$3,300,000,000 issued, auction average 0.575\% (103.499) plus accrued interest from Mar. 1, 2016

Cancellation Information: Mar. 9, 2018-\$232,000,000 cancelled Mar. 16, 2018 - \$125,000,000 cancelled Mar. 23, 2018 - \$250,000,000 cancelled Apr. 2, 2018 - \$150,000,000 cancelled

Apr. 6, 2018 - \$1,025,000,000 cancelled Apr. 13, 2018 - \$433,000,000 cancelled May 11, 2018 - \$50,000,000 cancelled Jun.15, 2018 - \$85,000,000 cancelled Jun. 22, 2018 - \$250,000,000 cancelled Jun. 29, 2018 - \$200,000,000 cancelled Jul. 6, 2018 - \$322,900,000 cancelled Jul. 13, 2018 - \$300,000,000 cancelled Aug. 3, 2018 - $\$ 100,000,000$ cancelled Aug. 10, 2018 - \$100,000,000 cancelled Aug. 17, 2018 - $\$ 651,887,000$ cancelled Aug. 24, 2018 - \$250,000,000 cancelled Aug. 31, 2018 - \$200,000,000 cancelled Nov. 16, 2018 - \$20,122,000 cancelled Nov. 30, 2018 - $\$ 643,412,000$ cancelled Dec. 7, 2018 - \$623,000,000 cancelled Dec. 14, 2018 - \$727,000,000 cancelled

Outstanding
\$10,863,566,000

## 11⁄\% Bonds due November 1, 2019

## H318

| Interest Payable: | May 1 and Nov. 1 |
| :---: | :---: |
| Issue Information: | Aug. 11, 2017 - \$3,900,000,000 issued, auction average 1.277\% (99.942) |
|  | Sep. 1, $2017-\$ 3,900,000,000$ issued, auction average $1.257 \%$ (99.985) plus accrued interest from Aug. 11, 2017 |
|  | Sep. 25, $2017-\$ 3,900,000,000$ issued, auction average $1.595 \%$ (99.290) plus accrued interest from Aug. 11, 2017 |
|  | Oct. 13, 2017 - \$3,900,000,000 issued, auction average $1.566 \%$ (99.364) plus accrued interest from Aug. 11, 2017 |
| Cancellation Information: | Jul. 6, 2018 - \$157,500,000 cancelled |
|  | Aug. 10, 2018 - \$275,000,000 cancelled |
| Outstanding: | \$15,167,500,000 |

## 1¼ Bonds due February 1, 2020

Interest Payable:

Issue Information:

Feb. 1 and Aug. 1

Nov. 6, 2017 - \$3,600,000,000 issued, auction average 1.438\% (99.588)

Nov. 24, 2017 - \$3,600,000,000 issued, auction average 1.479\%
(99.509) plus accrued interest from Nov. 6, 2017

Dec. 18, 2017 - \$3,600,000,000 issued, auction average $1.550 \%$ ( 99.376 ) plus accrued interest from Nov. 6, 2017
Jan. 12, 2018 - \$3,600,000,000 issued, auction average 1.801\% (98.894) plus accrued interest from Nov. 6, 2017

| Cancellation Information: | Aug. 10, 2018 $-\$ 525,000,000$ cancelled <br> Aug. 31, 2018 $-\$ 150,000,000$ cancelled |
| :--- | :--- |
|  | Sep. $7,2018-\$ 150,000,000$ cancelled |
|  | Sep. 14, 2018 $-\$ 209,000,000$ cancelled |
| Sep. 28, 2018 $-\$ 50,000,000$ cancelled |  |
|  | Oct. 19, 2018 $-\$ 600,000,000$ cancelled |
|  | Nov. $2,2018-\$ 300,000,000$ cancelled |
|  | Dec. $7,2018-\$ 257,282,000$ cancelled |
| Outstanding: |  |
|  | $\$ 12,158,718,000$ |

## 1½\% Bonds due March 1, 2020

| D929 | CA135087-D929 |
| :---: | :---: |
| Interest Payable: | Mar. 1 and Sep. 1 |
| Issue Information: | Oct. 14, $2014-\$ 3,400,000,000$ issued, auction average 1.591\% (99.533) |
|  | Dec. 1, $2014-\$ 3,400,000,000$ issued, auction average $1.540 \%$ (99.799) plus accrued interest from Oct. 14, 2014 |
|  | Feb. 23, 2015 - \$3,400,000,000 issued, auction average 0.872\% (103.076) plus accrued interest from Oct. 14, 2014 |
|  | Oct. 25, $2016-\$ 3,200,000,000$ issued, auction average $0.591 \%$ (103.011) plus accrued interest from Sep. 1, 2016 |
|  | Nov. 21, 2016 - \$3,300,000,000 issued, auction average $0.786 \%$ (102.305) plus accrued interest from Sep. 1, 2016 |
|  | Jan. 30, 2017 - \$3,200,000,000 issued, auction average 1.005\% (101.499) plus accrued interest from Sep. 1, 2016 |
|  | Mar. 10, 2017 - \$3,300,000,000 issued, auction average 0.982\% (101.515) plus accrued interest from Mar. 1, 2017 |
| Cancellation Information: | Sep. 14, 2018 - \$150,000,000 cancelled |
|  | Sep. 21, 2018 - \$100,000,000 cancelled |
|  | Sep. 28, 2018 - \$130,000,000 cancelled |
|  | Oct. 5, 2018 - \$210,000,000 cancelled |
|  | Nov. 2, 2018 - \$20,000,000 cancelled |
|  | Dec. 7, 2018 - \$248,014,000 cancelled |
| Outstanding: | \$22,341,986,000 |

## 1³⁄4\% Bonds due May 1, 2020

| H805 | CA135087-H805 |
| :---: | :---: |
| Interest Payable: | May 1 and Nov. 1 |
| Issue Information: | Feb. 9, 2018 - \$3,600,000,000 issued, auction average 1.889\% (99.700) |
|  | Mar. 2, 2018 - \$3,000,000,000 issued, auction average 1.837\% (99.817) plus accrued interest from Feb. 9, 2018 |
|  | Mar. 29, 2018 - \$3,000,000,000 issued, auction average 1.894\% (99.706) plus accrued interest from Feb. 9, 2018 |
|  | Apr. 23, 2018 - \$3,000,000,000 issued, auction average 1.952\% (99.601) plus accrued interest from Feb. 9, 2018 |
| Cancellation Information: | Dec. 7, 2018 - \$675,000,000 cancelled |
| Outstanding: | \$11,925,000,000 |

## 3½\% Bonds due June 1, 2020

## YZ11

CA135087-YZ11

| Interest Payable: | Jun. 1 and Dec. 1 |
| :---: | :---: |
| Issue Information: | Sep. 8, 2009 - \$3,000,000,000 issued, auction average 3.539\% (99.658) |
|  | Oct. 14, 2009 - $\$ 600,000,000$ issued, switch replacement priced at 100.310 plus accrued interest from Sep. 8, 2009 |
|  | Nov. 10, $2009-\$ 3,500,000,000$ issued, priced at $3.700 \%$ ( 98.266 ) plus accrued interest from Sep. 8, 2009 |
|  | Feb. 8, 2010 - \$3,000,000,000 issued, priced at $3.577 \%$ (99.337) plus accrued interest from Dec. 1, 2009 |
|  | May 3, 2010 - \$3,000,000,000 issued, priced at 3.728\% (98.097) plus accrued interest from Dec. 1, 2009 |
| Cancellation Information: |  |
| Outstanding: | \$13,100,000,000 |

## 1³\% Bonds due August 1, 2020

## J215

Interest Payable: Feb. 1 and Aug. 1

| Issue Information: | May 11, 2018 - \$3,000,000,000 issued, auction average 1.985\% (99.492) |
| :---: | :---: |
|  | Jun. 8, 2018 - \$3,000,000,000 issued, auction average 1.983\% (99.513) plus accrued interest from May 11, 2018 |
|  | Jul. 3, 2018 - \$3,000,000,000 issued, auction average 1.893\% (99.710) plus accrued interest from May 11, 2018 |
|  | Jul. 20, 2018 - \$3,000,000,000 issued, auction average 1.945\% (99.613) plus accrued interest from May 11, 2018 |

Cancellation Information:
Outstanding:
$\$ 12,000,000,000$

## 3/4\% Bonds due September 1, 2020

| E596 | CA135087-E596 |
| :---: | :---: |
| Interest Payable: | Mar. 1 and Sep. 1 |
| Issue Information: | Apr. 13, $2015-\$ 3,300,000,000$ issued, auction average 0.874\% (99.349) |
|  | May 11, 2015 - \$3,200,000,000 issued, auction average $1.232 \%$ (97.531) plus accrued interest from Apr. 13, 2015 |
|  | Jul. 27, 2015 - \$3,300,000,000 issued, auction average 0.829\% (99.606) plus accrued interest from Apr. 13, 2015 |
|  | Oct. 5, $2015-\$ 3,200,000,000$ issued, auction average $0.805 \%$ (99.736) plus accrued interest from Sep. 1, 2015 |
|  | May 9, $2017-\$ 3,200,000,000$ issued, auction average $0.841 \%$ (99.703) plus accrued interest from Mar. 1, 2017 |
|  | Jun. 20, 2017 - \$3,300,000,000 issued, auction average $1.043 \%$ (99.080) plus accrued interest from Mar. 1, 2017 |
|  | Jul. 18, 2017 - \$3,200,000,000 issued, auction average 1.422\% (97.955) plus accrued interest from Mar. 1, 2017 |
|  | Sep. 11, 2017 - \$3,300,000,000 issued, auction average 1.527\% (97.750) plus accrued interest from Sep. 1, 2017 |
| Cancellation Information: |  |
| Outstanding: | \$26,000,000,000 |

## 2\% Bonds due November 1, 2020

Interest Payable
ssue Information

May 1 and Nov. 1

Aug. 10, 2018 - \$3,000,000,000 issued, auction average 2.157\% (99.662)
Sep. 4, 2018 - \$3,000,000,000 issued, auction average 2.130\%
(99.728) plus accrued interest from Aug. 10, 2018

Sep. 21, 2018 - \$3,000,000,000 issued, auction average 2.176\% (99.639) plus accrued interest from Aug. 10, 2018

Oct. 12, 2018 - \$3,000,000,000 issued, auction average 2.342\% (99.318) plus accrued interest from Aug. 10, 2018

Cancellation Information:
Outstanding
$\$ 12,000,000,000$

## 21⁄\% Bonds due February 1, 2021

| Interest Payable: | Feb. 1 and Aug. 1 |
| :--- | :--- |
| Issue Information: | Nov. $9,2018-\$ 3,000,000,000$ issued, auction average $2.363 \%$ (99.758) <br> Nov. $23,2018-\$ 3,000,000,000$ issued, auction average $2.247 \%$ <br> $(100.007)$ plus accrued interest from Nov. 9, 2018 <br> Dec. 14, 2018 - \$3,000,000,000 issued, auction average $2.060 \%$ <br> $(100.395)$ plus accrued interest from Nov. 9, 2018 |
| Cancellation Information: $\$ 9,000,000,000$ |  |
| Outstanding: |  |

## 3/4\% Bonds due March 1, 2021

| F254 | CA135087-F254 |
| :---: | :---: |
| Interest Payable: | Mar. 1 and Sep. 1 |
| Issue Information: | Oct. 19, $2015-\$ 3,300,000,000$ issued, auction average 0.922\% (99.101) |
|  | Nov. 9, 2015 - \$3,200,000,000 issued, auction average 1.084\% (98.281) plus accrued interest from Oct. 19, 2015 |
|  | Jan. 18, 2016 - \$3,500,000,000 issued, auction average 0.646\% (100.523) plus accrued interest from Oct. 19, 2015 |
|  | Feb. 22, 2016-\$3,800,000,000 issued, auction average 0.670\% (100.394) plus accrued interest from Oct. 19, 2015 |
|  | Oct. 20, 2017 - \$3,200,000,000 issued, auction average $1.605 \%$ ( 97.210 ) plus accrued interest from Sep. 1, 2017 |
|  | Nov. 17, 2017 - \$3,000,000,000 issued, auction average 1.552\% (97.439) plus accrued interest from Sep. 1, 2017 |
|  | Jan. 26, $2018-\$ 3,000,000,000$ issued, auction average $1.935 \%$ (96.458) plus accrued interest from Sep. 1, 2017 |
|  | Mar. 16, 2018 - \$2,500,000,000 issued, auction average 1.885\% (96.748) plus accrued interest from Mar. 1, 2018 |
| Cancellation Information: |  |
| Outstanding: | \$25,500,000,000 |

## 10½\% Bonds due March 15, 2021

Interest Payable:

Issue Information:

Mar. 15 and Sep. 15

Dec. 15, 1990 - \$700,000,000 issued, priced at $10.59 \%$ (99.15)
Jan. 9, 1991 - \$700,000,000 issued, priced at $10.237 \%$ (102.413) plus accrued interest from Dec. 15, 1990
Feb. 1, 1991 - \$400,000,000 issued, priced at $10.43 \%$ (100.65) plus accrued interest from Dec. 15, 1990

| Cancellation Information: | Oct. 19, $2000-\$ 3,000,000$ cancelled <br> Apr. 24, 2001 - $\$ 34,000,000$ cancelled <br> Oct. 17, 2001 - \$40,000,000 cancelled <br> May 10, 2002 - $\$ 60,000,000$ cancelled <br> Aug. 8, 2002 - $\$ 32,000,000$ cancelled <br> Dec. 23, 2002 - \$103,289,000 cancelled <br> Dec. 30, 2002 - \$20,000,000 cancelled <br> Jan. 22, 2003 - \$40,218,000 cancelled <br> Feb. 10, 2003 - \$46,715,000 cancelled <br> Mar. 18, 2003 - \$29,000,000 cancelled <br> Apr. 1, 2003 - \$20,000,000 cancelled <br> May 8, 2003 - \$2,320,000 cancelled <br> Jun. 13, 2003 - \$53,000,000 cancelled <br> Aug. 8, 2003 - \$10,000,000 cancelled <br> Sep. 18, 2003 - \$110,000,000 cancelled <br> Nov. 7, 2003 - \$12,900,000 cancelled <br> Dec. 12, 2003 - $\$ 6,000,000$ cancelled <br> Feb. 10, 2004 - \$1,800,000 cancelled <br> Mar. 31, 2004 - \$70,000,000 cancelled <br> Jul. 2, 2004 - \$3,000,000 cancelled <br> Aug. 11, 2004 - \$60,000,000 cancelled <br> Oct. 29, 2004 - \$37,462,000 cancelled <br> Jan. 31, 2005 - \$4,035,000 cancelled <br> Jan. 31, 2006 - \$200,000,000 cancelled <br> Mar. 24, 2006 - \$19,567,000 cancelled <br> Apr. 28, 2006 - \$3,083,000 cancelled <br> May 11, 2006 - \$8,000,000 cancelled <br> Aug. 9, 2006 - \$10,000,000 cancelled <br> Nov. 28, 2006 - \$18,000,000 cancelled <br> Jan. 16, 2007 - \$19,000,000 cancelled <br> Sep. 18, 2007 - \$3,250,000 cancelled <br> Feb. 12, 2008 - \$2,000,000 cancelled <br> Apr. 22, 2008 - \$4,000,000 cancelled <br> Sep. 16, 2008 - \$1,000,000 cancelled <br> Oct. 7, 2008 - \$50,000,000 cancelled <br> Oct. 15, 2009 - \$2,000,000 cancelled <br> Mar. 23, 2010 - \$94,000,000 cancelled |
| :---: | :---: |
| Outstanding: | \$567,361,000 |

## 93⁄4\% Bonds due June 1, 2021

## A43

Interest Payable: Jun. 1 and Dec. 1

Issue Information: May 9, 1991 - \$800,000,000 issued, priced at 9.900\% (98.555)
Jun. 1, 1991 - \$800,000,000 issued, priced at 9.894\% (98.624)
Jul. 1, 1991 - \$650,000,000 issued, priced at $10.12 \%$ ( 96.55 ) plus accrued interest from Jun. 1, 1991

Aug. 1, 1991 - $\$ 800,000,000$ issued, priced at $10.173 \%$ (96.031) plus accrued interest from Jun. 1, 1991
Sep. 1, 1991 - \$700,000,000 issued, priced at $10.01 \%$ (97.50) plus accrued interest from Jun. 1, 1991
Oct. 17, 1991 - \$900,000,000 issued, priced at 9.412\% (103.335) plus accrued interest from Jun. 1, 1991

| Cancellation Information: | Oct. 19, 2000 - \$214,754,000 cancelled |
| :---: | :---: |
|  | Apr. 24, 2001 - \$123,242,000 cancelled |
|  | Oct. 17, 2001 - \$207,000,000 cancelled |
|  | Feb. 18, 2002 - \$116,000,000 cancelled |
|  | May 10, 2002 - \$171,645,000 cancelled |
|  | Jul. 22, 2002 - \$296,000,000 cancelled |
|  | Aug. 8, 2002 - \$1,330,000 cancelled |
|  | Oct. 18, 2002 - \$294,017,000 cancelled |
|  | Nov. 8, 2002 - \$433,120,000 cancelled |
|  | Dec. 23, 2002 - \$120,374,000 cancelle |
|  | Dec. 30, 2002 - \$111,111,000 cancelle |
|  | Jan. 22, 2003 - \$455,000,000 cancelled |
|  | Feb. 10, 2003 - \$17,000,000 cancelled |
|  | Mar. 18, 2003 - \$10,000,000 cancelled |
|  | May 8, 2003 - \$180,795,000 cancelled |
|  | Jun. 13, 2003 - \$26,700,000 cancelled |
|  | Aug. 8, 2003 - \$113,900,000 cancelled |
|  | Sep. 18, 2003 - \$36,000,000 cancelled |
|  | Nov. 7, 2003 - \$65,000,000 cancelled |
|  | Dec. 12, 2003 - \$31,000,000 cancelled |
|  | Dec. 23, 2003 - \$4,000,000 cancelled |
|  | Feb. 10, 2004 - \$240,487,000 cancelled |
|  | Mar. 19, 2004 - \$64,402,000 cancelled |
|  | Mar. 31, 2004 - \$76,500,000 cancelled |
|  | May 10, 2004 - \$280,129,000 cancelled |
|  | Jul. 2, 2004 - \$4,500,000 cancelled |
|  | Aug. 11, 2004 - \$19,100,000 cancelled |
|  | Sep. 3, 2004 - \$4,000,000 cancelled |
|  | Sep. 30, 2004 - \$27,500,000 cancelled |
|  | Oct. 29, 2004 - \$78,643,000 cancelled |
|  | Dec. 2, 2004 - \$140,000,000 cancelled |
|  | Dec. 31, 2004 - \$51,112,000 cancelled |
|  | Jan. 31, 2005 - \$27,100,000 cancelled |
|  | Mar. 24, 2006 - \$5,025,000 cancelled |
|  | Apr. 28, 2006 - \$29,148,000 cancelled |
|  | May 11, 2006 - \$51,600,000 cancelled |
|  | Aug. 9, 2006 - \$7,934,000 cancelled |
|  | Nov. 1, 2006 - \$1,000,000 cancelled |
|  | Nov. 28, 2006 - \$7,200,000 cancelled |
|  | Jan. 16, 2007 - \$31,500,000 cancelled |
|  | Jan. 30, 2007 - \$25,258,000 cancelled |
|  | Mar. 20, 2007 - \$3,000,000 cancelled |
|  | Apr. 24, 2007 - \$8,000,000 cancelled |
|  | Sep. 18, 2007 - \$2,425,000 cancelled |
|  | Oct. 30, 2007 - \$4,500,000 cancelled |
|  | Feb. 12, 2008 - \$3,141,000 cancelled |
|  | Apr. 22, 2008 - \$10,300,000 cancelled |
|  | Jun. 10, 2008 - \$8,500,000 cancelled |
|  | Jun. 24, 2008 - \$7,200,000 cancelled |
|  | Sep. 16, 2008 - \$4,000,000 cancelled |
|  | Oct. 7, 2008 - \$21,285,000 cancelled |
|  | Dec. 16, 2008 - \$25,000,000 cancelled |
|  | Oct. 15, 2009 - \$6,335,000 cancelled |
|  | Mar. 23, 2010 - \$60,000,000 cancelled |

## 3½\% Bonds due June 1, 2021

## Z169

| Interest Payable: | Jun. 1 and Dec. 1 |
| :--- | :--- |
| Issue Information: | Jul. 19, 2010 $-\$ 3,000,000,000$ issued, auction average 3.418\% (98.488) <br> Oct. 12, 2010 $-\$ 3,000,000,000$ issued, auction average 2.836\% <br> $(103.778)$ plus accrued interest from Jul. 19, 2010 |
|  | Feb. 7, 2011 $-\$ 3,000,000,000$ issued, auction average 3.482\% (98.001) <br> plus accrued interest from Dec. 1, 2010 <br> May 9, 2011 - \$2,500,000,000 issued, auction average 3.211\% <br> $(100.332)$ plus accrued interest from Dec. 1, 2010 |
| Cancellation Information: | $\$ 11,500,000,000$ |

## 3/4\% Bonds due September 1, 2021

## F585

CA135087-F585

| Interest Payable: | Mar. 1 and Sep. 1 |
| :---: | :---: |
| Issue Information: | Apr. 11, $2016-\$ 3,800,000,000$ issued, auction average 0.784\% (99.821) |
|  | May 16, 2016-\$3,700,000,000 issued, auction average 0.748\% (100.010) plus accrued interest from Apr. 11, 2016 |
|  | Jul. 11, $2016-\$ 3,800,000,000$ issued, auction average $0.583 \%$ (100.845) plus accrued interest from Apr. 11, 2016 |
|  | Aug. 22, 2016-\$3,700,000,000 issued, auction average 0.694\% (100.276) plus accrued interest from Apr. 11, 2016 |
|  | Apr. 13, 2018 - \$2,200,000,000 issued, auction average 2.005\% (95.914) plus accrued interest from Mar. 1, 2018 |
|  | Oct. 1, 2018 - \$2,000,000,000 issued, auction average 2.246\% (95.798) plus accrued interest from Sep. 1, 2018 |
| Cancellation Inform |  |
| Outstanding: | \$19,200,000,000 |

## 4½\% Real Return Bonds due December 1, 2021

Interest Payable:

Issue Information:

Jun. 1 and Dec. 1

Dec. 10, 1991 - $\$ 700,000,000$ issued, priced at 100.00 ( $4.25 \%$ real)
Oct. 14, 1992 - \$500,000,000 issued, priced at 92.15 (4.75\% real)
May 1, 1993 - \$325,000,000 issued, priced at 95.25 (4.55\% real)
Dec. 1, 1993 - \$600,000,000 issued, priced at 102.50 (4.10\% real)
Feb. 22, 1994 - $\$ 600,000,000$ issued, priced at 114.75 (3.42\% real)
Jun. 21, 1994 - \$400,000,000 issued, priced at 96.10 ( $4.50 \%$ real)
Sep. 15, 1994 - \$500,000,000 issued, priced at 93.25 (4.69\% real)

Dec. 15, 1994 - \$500,000,000 issued, priced at 92.15 (4.77\% real)
Feb. 2, 1995 - \$350,000,000 issued, priced at 88.25 (5.054\% real)
May 8, 1995 - \$300,000,000 issued, priced at 94.985 (4.578\% real)
Aug. 4, 1995 - \$400,000,000 issued, priced at 91.15 (4.848\% real)
$\left.\begin{array}{ll}\text { Note: } & \begin{array}{l}\text { The purchase price of the bond includes inflation compensation and accrued } \\ \text { interest. Inflation compensation accrues from the original issue date of } \\ \text { 10 December 1991. Interest accrues from the last interest payment date. }\end{array} \\ \text { Interest and Final Payment: } \\ \text { The bonds bear interest adjusted in relation to the consumer price index (CPI) } \\ \text { for Canada. Interest consists of both an inflation compensation component, } \\ \text { calculated based on principal and payable at maturity, and a cash entitlement } \\ \text { (coupon interest), calculated based on principal and accrued inflation } \\ \text { compensation. Coupon interest is payable in semi-annual instalments on June } 1 \\ \text { and December 1 (the coupon payment dates) commencing June 1, 1992. } \\ \text { Coupon interest is calculated by multiplying one-half of the coupon of 414\% per } \\ \text { annum by the sum of the principal and the inflation compensation accrued } \\ \text { from the date the first bond was issued, namely, December 10, 1991 (the }\end{array}\right\}$

## ½\% Bonds due March 1, 2022

## G328

CA135087-G328


## 91⁄\% Bonds due June 1, 2022

| Interest Payable: | Jun. 1 and Dec. 1 |
| :---: | :---: |
| Issue Information: | Dec. 16, 1991 - \$800,000,000 issued, priced at $9.30 \%$ (99.50) |
|  | Jan. 3, 1992 - $\$ 850,000,000$ issued, priced at $9.086 \%(101.669)$ plus accrued interest from Dec. 15, 1991 |
|  | May 15, 1992 - $\$ 900,000,000$ issued, priced at $9.371 \%$ (98.782) plus accrued interest from Dec. 15, 1991 |
| Cancellation Information: | Oct. 19, 2000 - $\$ 151,000,000$ cancelled Apr. 24, 2001 - $\$ 26,000,000$ cancelled Oct. 17, 2001 - $\$ 253,000,000$ cancelled Feb. 18, 2002 - \$100,000,000 cancelled Mar. 7, 2002 - $\$ 386,922,000$ cancelled May 10, 2002 - $\$ 101,818,000$ cancelled Jul. 22, 2002 - \$304,000,000 cancelled Aug. 8, 2002 - \$4,050,000 cancelled Nov. 8, 2002 - $\$ 39,300,000$ cancelled Dec. 23, 2002 - \$70,000,000 cancelled Dec. 30, 2002 - $\$ 100,000,000$ cancelled Jan. 22, 2003 - $\$ 64,782,000$ cancelled Feb. 10, 2003 - \$50,000,000 cancelled May 8, 2003 - \$70,881,000 cancelled Jun. 13, 2003 - \$33,569,000 cancelled Aug. 8, 2003 - $\$ 50,000,000$ cancelled Sep. 18, 2003 - $\$ 25,182,000$ cancelled Oct. 17, 2003 - $\$ 26,829,000$ cancelled Dec. 12, 2003 - $\$ 27,400,000$ cancelled Dec. 23, $2003-\$ 2,000,000$ cancelled Feb. 10, 2004 - \$12,000,000 cancelled Mar. 19, 2004 - \$15,000,000 cancelled Mar. 31, 2004 - \$11,000,000 cancelled May 10, 2004 - $\$ 25,000,000$ cancelled Aug. 11, 2004 - $\$ 30,571,000$ cancelled Sep. 3, 2004 - \$1,400,000 cancelled |

Sep. 30, 2004 - \$14,848,000 cancelled Jan. 31, 2005 - \$3,000,000 cancelled Aug. 9, 2006 - $\$ 37,500,000$ cancelled Oct. 17, 2006 - \$4,000,000 cancelled Nov. 1, 2006 - \$1,000,000 cancelled Nov. 28, 2006 - $\$ 27,000,000$ cancelled Jan. 16, 2007 - \$5,500,000 cancelled Jan. 30, 2007 - \$5,000,000 cancelled Feb. 12, 2008 - $\$ 35,000,000$ cancelled Apr. 22, 2008 - \$60,000,000 cancelled Jun. 10, 2008 - $\$ 50,000,000$ cancelled Jun. 24, 2008 - \$15,000,000 cancelled Sep. 16, 2008 - \$26,336,000 cancelled Oct. 7, 2008 - \$19,000,000 cancelled Dec. 16, 2008 - \$9,800,000 cancelled Jan. 13, 2009 - \$5,680,000 cancelled Mar. 11, 2009 - \$12,520,000 cancelled Apr. 15, 2009 - \$2,476,000 cancelled Oct. 15, $2009-\$ 25,000,000$ cancelled Mar. 23, 2010 - \$3,614,000 cancelled Outstanding: \$206,022,000

## 23⁄4\% Bonds due June 1, 2022

## ZU15

## Interest Payable:

Issue Information:

Jun. 1 and Dec. 1
Aug. 2, 2011 - \$2,500,000,000 issued, auction average 2.994\% (97.759)
Oct. 11, 2011 - \$2,500,000,000 issued, auction average 2.254\%
(104.669) plus accrued interest from Aug. 2, 2011

Feb. 6, 2012 - \$2,500,000,000 issued, auction average 2.015\%
(106.814) plus accrued interest from Dec. 1, 2011

May 7, 2012 - \$2,600,000,000 issued, auction average 2.096\%
(105.098) plus accrued interest from Dec. 1, 2011

Jun. 11, 2012 - \$2,600,000,000 issued, auction average 1.765\% (108.971) plus accrued interest from Jun. 1, 2012

Cancellation Information:
Outstanding:
$\$ 12,700,000,000$

## 1\% Bonds due September 1, 2022

| G732 | CA135087-G732 |
| :---: | :---: |
| Interest Payable: | Mar. 1 and Sep. 1 |
| Issue Information: | Apr. 10, 2017 - \$3,900,000,000 issued, auction average 1.182\% (99.052) |
|  | May 30, 2017 - \$3,900,000,000 issued, auction average $1.042 \%$ (99.786) plus accrued interest from Apr. 10, 2017 |
|  | Jul. 10, $2017-\$ 3,900,000,000$ issued, auction average 1.486\% (97.602) plus accrued interest from Apr. 10, 2017 |
|  | Aug. 28, $2017-\$ 3,900,000,000$ issued, auction average $1.571 \%$ (97.259) plus accrued interest from Apr. 10, 2017 |
| Cancellation Information: |  |
| Outstanding: | \$15,600,000,000 |

## 13¹\% Bonds due March 1, 2023

| H490 | CA135087-H490 |
| :---: | :---: |
| Interest Payable: | Mar. 1 and Sep. 1 |
| Issue Information: | Oct. 6, $2017-\$ 3,900,000,000$ issued, auction average 1.837\% (99.555) |
|  | Nov. 10, 2017 - \$3,700,000,000 issued, auction average 1.661\% (100.450) plus accrued interest from Oct. 6, 2017 |
|  | Jan. 22, 2018 - \$3,700,000,000 issued, auction average 2.058\% (98.514) plus accrued interest from Oct. 6, 2017 |
|  | Feb. 16, 2018 - \$3,700,000,000 issued, auction average 2.136\% (98.166) plus accrued interest from Oct. 6, 2017 |
| Cancellation Information: |  |
| Outstanding: | \$15,000,000,000 |

## 8\% Bonds due June 1, 2023

## A55

CA135087-UT96

Interest Payable

Issue Information:

Cancellation Information:

Jun. 1 and Dec. 1

Aug. 17, 1992 - \$1,000,000,000 issued, auction average 8.177\% (97.999)
Feb. 1, 1993 - \$1,000,000,000 issued, auction average 8.498\% (94.591) plus accrued interest from Dec. 1, 1992
Apr. 1, 1993 - \$1,100,000,000 issued, auction average 8.277\% (96.925) plus accrued interest from Dec. 1, 1992
Jul. 26, 1993 - \$1,200,000,000 issued, auction average 7.835\% (101.877) plus accrued interest from Jun. 1, 1993
Oct. 15, 1993 - \$1,200,000,000 issued, auction average 7.553\% (105.246) plus accrued interest from Jun. 1, 1993

Feb. 1, 1994 - \$1,500,000,000 issued, auction average 7.090\% (111.156) plus accrued interest from Dec. 1, 1993

May 2, 1994 - \$1,200,000,000 issued, auction average 8.686\% (92.757) plus accrued interest from Dec. 1, 1993

May 10, 2002 - \$92,000,000 cancelled
Dec. 30, 2002 - \$48,811,000 cancelled
Mar. 18, 2003 - \$5,000,000 cancelled
May 8, 2003 - \$932,000 cancelled
Aug. 8, 2003 - \$44,000,000 cancelled
Sep. 18, 2003 - \$112,615,000 cancelled
Feb. 10, 2004 - \$25,000,000 cancelled
May 10, 2004 - $\$ 90,000,000$ cancelled
Jul. 2, 2004 - \$35,000,000 cancelled
Aug. 11, 2004 - \$130,000,000 cancelled
Sep. 3, 2004 - \$10,000,000 cancelled
Sep. 30, 2004 - \$30,000,000 cancelled
Oct. 29, 2004 - \$85,000,000 cancelled
Dec. 2, 2004 - $\$ 125,000,000$ cancelled
Jan. 31, 2005 - \$85,000,000 cancelled
Mar. 17, 2005 - \$100,000,000 cancelled

Apr. 29, 2005 - \$40,000,000 cancelled Jun. 3, 2005 - \$10,000,000 cancelled Jun. 30, 2005 - \$61,727,000 cancelled Jul. 29, 2005 - \$15,000,000 cancelled Aug. 30, 2005 - $\$ 87,532,000$ cancelled Nov. 10, 2005 - \$75,000,000 cancelled Jan. 31, 2006 - \$33,287,000 cancelled Feb. 28, 2006 - \$53,000,000 cancelled Jun. 12, 2006 - \$51,357,000 cancelled Jul. 25, 2006 - \$20,000,000 cancelled Aug. 9, 2006 - \$70,000,000 cancelled Oct. 17, 2006 - \$20,000,000 cancelled Jan. 16, 2007 - \$77,000,000 cancelled Jan. 30, 2007 - \$10,000,000 cancelled Apr. 24, 2007 - $\$ 30,000,000$ cancelled Jun. 12, 2007 - \$259,085,000 cancelled Jul. 24, 2007 - \$46,634,000 cancelled Aug. 8, 2007 - $\$ 90,000,000$ cancelled Sep. 18, 2007 - \$10,000,000 cancelled Oct. 10, 2007 - \$171,045,000 cancelled Oct. 30, 2007 - \$115,000,000 cancelled Jan. 22, 2008 - $\$ 61,000,000$ cancelled Feb. 12, 2008 - \$306,000,000 cancelled Apr. 22, 2008 - \$40,000,000 cancelled Jun. 10, 2008 - \$156,500,000 cancelled Jun. 24, 2008 - \$104,150,000 cancelled Jul. 15, 2008 - \$168,325,000 cancelled Jan. 13, 2009 - \$526,000,000 cancelled Mar. 11, 2009 - \$25,000,000 cancelled Jul. 15, 2009 - \$300,000,000 cancelled Oct. 15, 2009 - \$146,312,000 cancelled Mar. 23, 2010 - $\$ 245,567,000$ cancelled May 10, 2011 - \$275,000,000 cancelled Jun. 14, 2011 - \$242,000,000 cancelled Aug. 3, 2011 - $\$ 63,000,000$ cancelled Aug. 30, 2011 - $\$ 300,000,000$ cancelled Oct. 12, 2011 - \$161,373,000 cancelled Nov. 22, 2011 - \$10,000,000 cancelled Feb. 7, 2012 - \$75,000,000 cancelled Mar. 27, 2012 - \$132,196,000 cancelled May 29, 2012 - \$140,000,000 cancelled

## 1½\% Bonds due June 1, 2023

## A610

CA135087-A610

| Interest Payable: | Jun. 1 and Dec. 1 |
| :---: | :---: |
| Issue Information: | Jul. 30, 2012 - \$2,600,000,000 issued, auction average 1.705\% (97.980) |
|  | Oct. 22, 2012 - \$2,900,000,000 issued, auction average 1.987\% (95.362) plus accrued interest from Jul. 30, 2012 |
|  | Feb. 4, 2013 - \$2,900,000,000 issued, auction average $2.112 \%$ ( 94.350 ) plus accrued interest from Dec. 1, 2012 |
|  | Apr. 2, 2013 - \$2,900,000,000 issued, auction average 1.882\% (96.480) plus accrued interest from Dec. 1, 2012 |
|  | May 6, 2013 - \$2,900,000,000 issued, auction average 1.676\% (98.375) plus accrued interest from Dec. 1, 2012 |
| Cancellation Information: |  |
| Outstanding: | \$14,200,000,000 |

## 2\% Bonds due September 1, 2023

H987
CA135087-H987

| Interest Payable: | Mar. 1 and Sep. 1 |
| :---: | :---: |
| Issue Information: | Apr. 6, 2018 - \$3,000,000,000 issued, auction average 2.055\% (99.721) |
|  | May 22, 2018 - \$3,000,000,000 issued, auction average 2.384\% (98.106) plus accrued interest from Apr. 6, 2018 |
|  | Jul. 9, 2018 - \$3,000,000,000 issued, auction average 2.082\% (99.601) plus accrued interest from Apr. 6, 2018 |
|  | Aug. 24, 2018 - \$3,000,000,000 issued, auction average 2.204\% (99.035) plus accrued interest from Apr. 6, 2018 |
| Cancellation Information: |  |
| Outstanding: | \$12,000,000,000 |

## 2½\% Bonds due March 1, 2024

| Interest Payable: | Mar. 1 and Sep. 1 |
| :--- | :--- |
| Issue Information: | Oct. 5, 2018 $-\$ 3,000,000,000$ issued, auction average $2.451 \%(98.989)$ <br> Nov. 16, 2018 - \$3,000,000,000 issued, auction average 2.392\% <br> $(99.298)$ plus accrued interest from Oct. 5, 2018 |
| Cancellation Information: $\$ 6,000,000,000$ |  |
| Outstanding: |  |

## 2½\% Bonds due June 1, 2024

## B451

## CA135087-B451

| Interest Payable: | Jun. 1 and Dec. 1 |
| :---: | :---: |
| Issue Information: | Jul. 2, $2013-\$ 2,800,000,000$ issued, auction average 2.607\% (98.990) |
|  | Aug. 19, 2013 - \$2,800,000,000 issued, auction average 2.729\% (97.873) plus accrued interest from Jul. 2, 2013 |
|  | Oct. 7, 2013 - \$2,800,000,000 issued, auction average 2.640\% (98.707) plus accrued interest from Jul. 2, 2013 |
|  | Feb. 10, 2014 - \$2,700,000,000 issued, auction average 2.485\% (100.134) plus accrued interest from Dec. 1, 2013 |
|  | Apr. 28, 2014 - \$2,700,000,000 issued, auction average 2.416\% (100.747) plus accrued interest from Dec. 1, 2013 |
| Cancellation Information: |  |
| Outstanding: | \$13,800,000,000 |

## 9\% Bonds due June 1, 2025

## A76

| Interest Payable: | Jun. 1 and Dec. 1 |
| :---: | :---: |
| Issue Information: | Aug. 2, 1994 - \$1,500,000,000 issued, auction average 9.173\% (98.210) |
|  | Nov. 1, 1994 - \$1,400,000,000 issued, auction average 9.361\% (96.364) plus accrued interest from Aug. 2, 1994 |
|  | Feb. 1, 1995 - \$1,000,000,000 issued, auction average 9.573\% (94.342) plus accrued interest from Dec. 1, 1994 |
|  | May 1, 1995 - \$1,250,000,000 issued, auction average 8.651\% (103.705) plus accrued interest from Dec. 1, 1994 |
|  | Aug. 1, 1995 - \$1,400,000,000 issued, auction average 8.671\% (103.472) plus accrued interest from Jun. 1, 1995 |
|  | Nov. 1, 1995 - \$1,100,000,000 issued, auction average 8.046\% (110.695) plus accrued interest from Jun. 1, 1995 |
|  | Feb. 1, 1996 - \$1,250,000,000 issued, auction average 7.642\% (115.782) plus accrued interest from Dec. 1, 1995 |
| Cancellation Information: | May 10, 2002 - \$52,000,000 cancelled |
|  | Dec. 30, 2002 - \$40,000,000 cancelled |
|  | Jan. 22, 2003 - \$40,000,000 cancelled |
|  | Mar. 18, 2003 - \$30,000,000 cancelled |
|  | May 8, 2003 - \$31,397,000 cancelled |
|  | Aug. 8, 2003 - \$23,500,000 cancelled |
|  | Sep. 18, 2003 - \$58,000,000 cancelled |
|  | Dec. 12, 2003 - \$135,000,000 cancelled |
|  | Feb. 10, 2004 - \$5,000,000 cancelled |
|  | May 10, 2004 - \$3,196,000 cancelled |
|  | Aug. 11, 2004 - \$156,329,000 cancelled |
|  | Sep. 3, 2004 - \$25,000,000 cancelled |
|  | Sep. 30, 2004 -\$30,000,000 cancelled |
|  | Oct. 29, 2004 - \$40,000,000 cancelled |
|  | Dec. 2, 2004 - \$46,312,000 cancelled |

Dec. 31, 2004 - \$51,954,000 cancelled Jan. 31, 2005 - \$139,000,000 cancelled Mar. 17, 2005 - \$56,726,000 cancelled Apr. 29, 2005 - \$206,150,000 cancelled Jun. 3, 2005 - \$105,000,000 cancelled Jun. 30, 2005 - \$130,863,000 cancelled Jul. 29, 2005 - \$157,914,000 cancelled Aug. 30, 2005 - \$75,000,000 cancelled Oct. 27, 2005 - \$305,365,000 cancelled Nov. 10, 2005 - \$219,280,000 cancelled Dec. 21, 2005 - \$181,480,000 cancelled Jan. 31, 2006 - $\$ 60,000,000$ cancelled Feb. 28, 2006 - $\$ 50,000,000$ cancelled Mar. 24, 2006 - \$134,527,000 cancelled May 11, 2006 - \$190,635,000 cancelled Jun. 12, 2006 - \$16,000,000 cancelled Jul. 25, 2006 - \$40,000,000 cancelled Aug. 9, 2006 - \$41,178,000 cancelled Oct. 17, $2006-\$ 23,600,000$ cancelled Nov. 1, 2006 - \$225,570,000 cancelled Jan. 16, 2007 - \$47,000,000 cancelled Mar. 20, 2007 - \$25,000,000 cancelled Jul. 24, 2007 - \$126,740,000 cancelled Aug. 8, 2007 - \$68,000,000 cancelled Sep. 18, 2007 - \$50,000,000 cancelled Oct. 10, 2007 - \$175,000,000 cancelled Oct. 30, 2007 - $\$ 31,000,000$ cancelled Jan. 22, 2008 - \$125,000,000 cancelled Feb. 12, 2008 - \$40,000,000 cancelled Mar. 26, 2008 - \$86,284,000 cancelled Jan. 13, 2009 - \$436,427,000 cancelled Mar. 11, 2009 - \$345,000,000 cancelled Apr. 15, 2009 - \$317,465,000 cancelled Jul. 15, 2009 - \$545,763,000 cancelled Oct. 15, 2009 - \$150,000,000 cancelled Mar. 23, 2010 - \$130,000,000 cancelled May 10, 2011 - \$90,100,000 cancelled Jun. 14, 2011 - \$58,000,000 cancelled Aug. 3, 2011 - $\$ 67,000,000$ cancelled Aug. 30, 2011 - $\$ 66,819,000$ cancelled Feb. 7, 2012 - \$49,670,000 cancelled Mar. 27, 2012 - \$75,000,000 cancelled May 29, 2012 - \$24,000,000 cancelled Feb. 6, 2013 - \$222,300,000 cancelled Aug. 7, 2013 - $\$ 119,300,000$ cancelled

Outstanding
\$2,303,156,000

## 21⁄\% Bonds due June 1, 2025

Interest Payable: Jun. 1 and Dec. 1

Issue Information: Jun. 30, 2014 - $\$ 2,700,000,000$ issued, auction average 2.370\% (98.852) Jul. 28, 2014 - \$2,700,000,000 issued, auction average 2.234\% (100.153) plus accrued interest from Jun. 30, 2014

Oct. 20, 2014 - \$2,600,000,000 issued, auction average 1.967\% (102.699) plus accrued interest from Jun. 30, 2014

Jan. 27, 2015 - \$2,600,000,000 issued, auction average 1.529\% (106.873) plus accrued interest from Dec. 1, 2014

Apr. 21, 2015 - \$2,500,000,000 issued, auction average 1.413\% (107.861) plus accrued interest from Dec. 1, 2014

## Cancellation Information:

## 1½\% Bonds due June 1, 2026

Interest Payable:
Issue Information:

Jun. 1 and Dec. 1
Jul. 21, 2015 - \$2,500,000,000 issued, auction average $1.717 \%$ (97.858)
Oct. 27, 2015 - \$2,500,000,000 issued, auction average $1.631 \%$ (98.730)
plus accrued interest from Jul. 21, 2015
Jan. 26, 2016 - \$2,500,000,000 issued, auction average 1.380\%
(101.153) plus accrued interest from Dec. 1, 2015

Apr. 25, 2016 - \$3,000,000,000 issued, auction average 1.402\% (100.920) plus accrued interest from Dec. 1, 2015

Jun. 27, $2016-\$ 3,000,000,000$ issued, auction average $1.245 \%$
(102.374) plus accrued interest from Jun. 1, 2016

Cancellation Information:
Outstanding:
$\$ 13,500,000,000$

## 41⁄\% Real Return Bonds due December 1, 2026

## VSO5

CA135087-VS05

Interest Payable:

Issue Information:

Note:

Jun. 1 and Dec. 1

Dec. 7, 1995 - \$300,000,000 issued, auction 4.595\% real (94.329)
Mar. 6, 1996 - \$350,000,000 issued, auction 4.880\% real (90.017)
Jun. 6, 1996 - \$400,000,000 issued, auction $4.760 \%$ real (91.838)
Sep. 6, 1996 - \$400,000,000 issued, auction $4.785 \%$ real (91.489)
Dec. 6, 1996 - \$400,000,000 issued, auction 3.980\% real (104.702)
Mar. 12, 1997 - $\$ 500,000,000$ issued, auction $4.110 \%$ real (102.384)
Jun. 9, 1997 - \$500,000,000 issued, auction $4.500 \%$ real (95.940)
Sep. 8, 1997 - \$400,000,000 issued, auction $4.230 \%$ real (100.328)
Dec. 8, 1997 - \$400,000,000 issued, auction 4.032\% real (103.706)
Mar. 9, 1998 - \$400,000,000 issued, auction 4.200\% real (100.824)
Jun. 8, 1998 - \$400,000,000 issued, auction $3.910 \%$ real (105.809)
Sep. 8, 1998 - \$400,000,000 issued, auction $4.180 \%$ real (101.148)
Dec. 7, 1998 - \$400,000,000 issued, auction $4.190 \%$ real (100.983)
plus accrued interest from Dec. 1, 1998
The purchase price of the bond includes inflation compensation and accrued interest. Inflation compensation accrues from the original issue date of December 7, 1995. Interest accrues from the last interest payment date.

Interest and Final Payment:
CPI (Base)
CPI (Dec. 31, 2018)
Index Ratio
Original Issue Par Value
Dec. 1, 2018
Interest Payment
(Dec. 1, 2018)
Interest Earned per \$1M
(Dec. 1, 2018)
Index Ratio (Dec. 1, 2018)
Inflation Adjustment:
Adjusted Par Value:

Registration and Denomination:
utstanding

The bonds bear interest adjusted in relation to the consumer price index (CPI) for Canada. Interest consists of both an inflation compensation component, calculated based on principal and payable at maturity, and a cash entitlement (coupon interest), calculated based on principal and accrued inflation compensation. Coupon interest is payable in semi-annual instalments on June 1 and December 1 (the coupon payment dates) commencing June 1, 1996. Coupon interest is calculated by multiplying one-half of the coupon of $41 / 4 \%$ per annum by the sum of the principal and the inflation compensation accrued from the date the first bond was issued, namely, December 7, 1995 (the original issue date), to the relevant coupon payment date. At maturity, in addition to coupon interest payable on such date, a final payment equal to the sum of principal plus inflation compensation accrued from the original issue date to maturity will be made.

An index ratio is applied to calculate both coupon interest and inflation compensation. The index ratio for any date is defined as the ratio of the reference CPI applicable to such date divided by the reference CPI applicable to the original issue date. The reference CPI for the first day of any calendar month is the CPI for the third preceding calendar month. For example, the reference CPI for January 1, 1996 is the CPI for October 1995. The reference CPI for any other day in a month is calculated by linear interpolation between the reference CPI applicable to the first day of the month in which the day falls and the reference CPI applicable to the first day of the month immediately following.
87.82571
134.08710
1.52674

5,250,000,000.00
$169,834,940.63$

32,349.51
1.52233

2,765,385,000.00
8,015,385,000.00
Inflation compensation accrued to any date is calculated by first multiplying the principal by the index ratio applicable to that date and then subtracting the principal.
Coupon interest is calculated by multiplying one-half of the coupon of $41 / 4 \%$ per annum by the sum of the principal and the inflation compensation accrued from the original issue date to the relevant coupon payment date.

A book-entry position for the full amount of the bonds was issued at closing in registered form in the name of a nominee of the Canadian Depository for Securities Limited (CDS). Individual certificates evidencing the bonds will not be available to bond owners. The bonds must be purchased, transferred or sold directly or indirectly through a participant in the CDS book-entry systems and only in denominations of $\$ 1,000$ and integral multiples thereof.
$\$ 5,250,000,000$

SECTION 2.2-MARKETABLE BONDS
BANK OF CANADA • SUMMARY OF GOVERNMENT OF CANADA DIRECT SECURITIES AND LOANS • OUTSTANDING AS AT DECEMBER 31, 2018

## 1\% Bonds due June 1, 2027

| Interest Payable: | Jun. 1 and Dec. 1 |
| :---: | :---: |
| Issue Information: | Aug. 3, 2016 - \$3,000,000,000 issued, auction average 1.199\% (97.985) |
|  | Oct. 31, $2016-\$ 3,000,000,000$ issued, auction average 1.273\% (97.305) plus accrued interest from Aug. 3, 2016 |
|  | Mar. 7, 2017 - \$3,000,000,000 issued, auction average 1.822\% (92.355) plus accrued interest from Dec. 1, 2016 |
|  | May 1, 2017 - \$3,000,000,000 issued, auction average 1.593\% (94.495) plus accrued interest from Dec. 1, 2016 |
|  | Jun. 26, 2017 - \$3,000,000,000 issued, auction average 1.504\% (95.366) plus accrued interest from Jun. 1, 2017 |
| Cancellation Information: |  |
| Outstanding: | \$15,000,000,000 |

## 8\% Bonds due June 1, 2027

VW17
CA135087-VW17

Interest Payable:
Jun. 1 and Dec. 1

Issue Information:
May 1, 1996 - \$1,500,000,000 issued, auction average 8.188\% (97.882)
Aug. 1, 1996 - \$1,500,000,000 issued, auction average 8.075\% (99.135)
plus accrued interest from Jun. 1, 1996
Nov. 1, 1996 - \$1,500,000,000 issued, auction average 7.179\% (110.104) plus accrued interest from Jun. 1, 1996

Feb. 3, 1997 - \$1,300,000,000 issued, auction average 7.299\% (108.495) plus accrued interest from Dec. 1, 1996

May 1, 1997 - \$1,300,000,000 issued, auction average 7.310\% (108.340) plus accrued interest from Dec. 1, 1996

Aug. 1, 1997 - \$1,300,000,000 issued, auction average 6.467\% (120.141) plus accrued interest from Jun. 1, 1997

Nov. 3, 1997 - \$1,200,000,000 issued, auction average 6.093\%
(125.987) plus accrued interest from Jun. 1, 1997

Cancellation Information: Dec. 30, 2002 - \$70,000,000 cancelled
Mar. 18, 2003 - \$206,888,000 cancelled
May 8, 2003 - \$6,986,000 cancelled
Aug. 8, 2003 - \$60,000,000 cancelled
Feb. 10, 2004 - \$70,000,000 cancelled
Mar. 19, 2004 - \$210,000,000 cancelled
May 10, 2004 - \$17,000,000 cancelled
Aug. 11, 2004 - \$104,000,000 cancelled
Sep. 3, 2004 - \$20,000,000 cancelled
Oct. 29, 2004 - \$8,945,000 cancelled
Jan. 31, 2005 - \$65,000,000 cancelled
Apr. 29, 2005 - \$50,000,000 cancelled
Jun. 3, 2005 - \$15,000,000 cancelled
Jun. 30, 2005 - \$20,000,000 cancelled
Jul. 29, 2005 - \$20,000,000 cancelled

Aug. 30, 2005 - $\$ 72,000,000$ cancelled Sep. 29, 2005 - \$172,406,000 cancelled Nov. 10, 2005 - \$56,800,000 cancelled Jan. 31, 2006 - \$150,000,000 cancelled May 11, 2006 - $\$ 10,000,000$ cancelled Jul. 25, 2006 - \$100,000,000 cancelled Aug. 9, 2006 - \$25,000,000 cancelled Oct. 17, 2006 - \$34,169,000 cancelled Nov. 1, 2006 - \$55,000,000 cancelled Jan. 16, 2007 - \$34,500,000 cancelled Apr. 24, 2007 - \$15,000,000 cancelled Jun. 12, 2007 - \$100,000,000 cancelled Jul. 24, 2007 - \$50,000,000 cancelled Aug. 8, 2007 - \$73,000,000 cancelled Oct. 30, 2007 - $\$ 64,471,000$ cancelled Jan. 22, 2008 - \$56,000,000 cancelled Mar. 26, 2008 - \$25,000,000 cancelled Apr. 22, 2008 - \$73,091,000 cancelled Jun. 10, 2008 - $\$ 60,000,000$ cancelled Sep. 16, 2008 - \$291,714,000 cancelled Oct. 7, 2008 - \$128,200,000 cancelled Nov. 12, 2008 - \$156,145,000 cancelled Dec. 16, 2008 - $\$ 382,250,000$ cancelled Oct. 15, 2009 - \$30,000,000 cancelled Mar. 22, 2011 - \$215,000,000 cancelled May 10, 2011 - \$74,000,000 cancelled Jun. 14, 2011 - \$200,000,000 cancelled Aug. 3, 2011 - $\$ 370,000,000$ cancelled Aug. 30, 2011 - \$225,000,000 cancelled Oct. 12, 2011 - \$221,000,000 cancelled Feb. 7, 2012 - \$220,000,000 cancelled Mar. 27, 2012 - $\$ 187,613,000$ cancelled May 29, 2012 - \$2,000,000 cancelled Jul. 25, 2012 - \$172,000,000 cancelled Feb. 6, 2013 - \$124,647,000 cancelled Aug. 25, 2015 - \$394,200,000 cancelled
Outstanding: $\$ 4,035,975,000$

## 2\% Bonds due June 1, 2028

Interest Payable:

Issue Information:

Jun. 1 and Dec. 1

Aug. 1, 2017 - \$3,000,000,000 issued, auction average 2.076\% (99.267)
Oct. 30, 2017 - \$3,000,000,000 issued, auction average 2.081\% (99.234) plus accrued interest from Aug. 1, 2017

Feb. 23, 2018 - \$3,000,000,000 issued, auction average 2.352\% (96.804) plus accrued interest from Dec. 1, 2017
Apr. 27, 2018 - \$2,300,000,000 issued, auction average 2.373\% (96.668) plus accrued interest from Dec. 1, 2017
Jun. 22, 2018 - \$2,200,000,000 issued, auction average 2.165\% (98.531) plus accrued interest from Jun. 1, 2018

Cancellation Information:
Outstanding:

## 2½\% Bonds due June 1, 2029

| Interest Payable: | Jun. 1 and Dec. 1 |
| :--- | :--- |
| Issue Information: | Jul. 27, 2018 $-\$ 3,000,000,000$ issued, auction average $2.255 \%$ (99.953) <br> Oct. 19, 2018 - \$3,000,000,000 issued, auction average 2.492\% (97.754) <br> plus accrued interest from Jul. 27, 2018 |
| Cancellation Information: $\$ 6,000,000,000$ |  |
| Outstanding: |  |

## 533\% Bonds due June 1, 2029

| Interest Payable: | Jun. 1 and Dec. 1 |
| :---: | :---: |
| Issue Information: | Feb. 2, 1998 - \$1,200,000,000 issued, auction average 5.764\% (99.807) |
|  | May 1, 1998 - \$1,600,000,000 issued, auction average 5.682\% (100.986) plus accrued interest from Feb. 2, 1998 |
|  | Nov. 2, 1998 - \$1,700,000,000 issued, auction average 5.422\% (104.866) plus accrued interest from Jun. 1, 1998 |
|  | May 3, 1999 - \$1,800,000,000 issued, auction average 5.361\% (105.773) plus accrued interest from Dec. 1, 1998 |
|  | Oct. 15, 1999 - \$1,900,000,000 issued, auction average 6.158\% (94.465) plus accrued interest from Jun. 1, 1999 |
|  | Apr. 24, 2000 - \$1,900,000,000 issued, auction average 5.755\% (99.923) plus accrued interest from Dec. 1, 1999 |
|  | Oct. 16, 2000 - \$1,900,000,000 issued, auction average 5.588\% (102.293) plus accrued interest from Jun. 1, 2000 |
|  | Apr. 23, 2001 - \$1,900,000,000 issued, auction average 5.957\% (97.185) plus accrued interest from Dec. 1, 2000 |
| Cancellation Information: | Sep. 30, 2004 - \$50,000,000 cancelled |
|  | Jan. 31, 2005 - \$81,000,000 cancelled |
|  | Jul. 29, 2005 - \$33,000,000 cancelled |
|  | Jan. 31, 2006 - \$35,000,000 cancelled |
|  | Feb. 28, 2006 - \$10,000,000 cancelled |
|  | May 11, 2006 - \$60,000,000 cancelled |
|  | Jul. 25, 2006 - \$20,000,000 cancelled |
|  | Aug. 9, 2006 - \$37,328,000 cancelled |
|  | Oct. 17, 2006 - \$39,082,000 cancelled |
|  | Nov. 1, 2006 - \$40,000,000 cancelled |
|  | Jan. 16, 2007 - \$85,500,000 cancelled |
|  | Jul. 24, 2007 - \$26,370,000 cancelled |
|  | Aug. 8, 2007 - \$35,000,000 cancelled |
|  | Oct. 30, 2007 - \$146,706,000 cancelled |
|  | Jan. 22, 2008 - \$58,000,000 cancelled |
|  | Feb. 12, 2008 - \$10,859,000 cancelled |
|  | Apr. 22, 2008 - \$96,000,000 cancelled |
|  | Jun. 10, 2008 - \$25,000,000 cancelled |
|  | Jun. 24, 2008 - \$40,597,000 cancelled |
|  | Jul. 15, 2008 - \$10,000,000 cancelled |
|  | Oct. 7, 2008 - \$51,515,000 cancelled |


|  | Dec. 16, 2008 - \$82,950,000 cancelled |
| :---: | :---: |
|  | Mar. 11, 2009 - \$21,226,000 cancelled |
|  | Mar. 22, 2011 - \$139,398,000 cancelled |
|  | Oct. 12, 2011 - \$70,000,000 cancelled |
|  | Nov. 22, 2011 - \$35,000,000 cancelled |
|  | Feb. 7, 2012 - \$137,000,000 cancelled |
|  | Mar. 27, 2012 - \$15,000,000 cancelled |
|  | May 29, 2012 - \$234,000,000 cancelled |
|  | Jul. 25, 2012 - \$100,000,000 cancelled |
|  | Feb. 6, 2013 - \$202,934,000 cancelled |
|  | Aug. 7, 2013 - \$419,877,000 cancelled |
|  | Sep. 4, 2014 - \$310,000,000 cancelled |
|  | Aug. 25, 2015 - \$191,725,000 cancelled |
|  | Oct. 4, 2016 - \$35,000,000 cancelled |
|  | Feb. 1, 2017 - \$11,553,000 cancelled |
|  | Oct. 3, 2017 - \$10,000,000 cancelled |
|  | Jan. 30, 2018 - \$10,002,000 cancelled |
| Outstanding: | \$10,883,378,000 |

## 4\% Real Return Bonds due December 1, 2031

## WV25

Interest Payable:

Issue Information

Jun. 1 and Dec. 1

Mar. 8, 1999 - \$400,000,000 issued, auction average 4.310\% (94.594)
Jun. 8, 1999 - \$300,000,000 issued, auction average 4.080\% (98.567) plus accrued interest from Jun. 1, 1999

Sep. 7, 1999 - \$300,000,000 issued, auction average 4.030\% (99.456) plus accrued interest from Jun. 1, 1999

Dec. 6, 1999 - \$300,000,000 issued, auction average 4.020\% (99.641) plus accrued interest from Dec. 1, 1999

Mar. 6, 2000 - \$350,000,000 issued, auction average 3.980\% (100.354) plus accrued interest from Dec. 1, 1999

Jun. 5, 2000 - \$350,000,000 issued, auction average 3.790\% (103.842) plus accrued interest from Jun. 1, 2000

Sep. 5, 2000 - \$350,000,000 issued, auction average 3.660\% (106.293) plus accrued interest from Jun. 1, 2000

Dec. 11, 2000 - \$350,000,000 issued, auction average 3.450\% (110.415) plus accrued interest from Dec. 1, 2000

Mar. 5, 2001 - \$350,000,000 issued, auction average 3.405\% (111.281) plus accrued interest from Dec. 1, 2000

Jun. 11, 2001 - \$350,000,000 issued, auction average 3.590\% (107.558) plus accrued interest from Jun. 1, 2001

Sep. 24, 2001 - \$300,000,000 issued, auction average 3.730\% (104.862) plus accrued interest from Jun. 1, 2001

Dec. 10, 2001 - \$350,000,000 issued, auction average 3.748\% (104.514) plus accrued interest from Dec. 1, 2001

Mar. 18, 2002 - \$350,000,000 issued, auction average 3.750\% (104.451) plus accrued interest from Dec. 1, 2001

Jun. 10, 2002 - \$400,000,000 issued, auction average 3.510\% (108.954) plus accrued interest from Jun. 1, 2002

Sep. 16, 2002 - \$300,000,000 issued, auction average 3.317\% (112.710) plus accrued interest from Jun. 1, 2002

|  | Dec. 9, 2002 - \$400,000,000 issued, auction average $3.410 \%$ (110.807) plus accrued interest from Dec. 1, 2002 |
| :---: | :---: |
|  | Mar. 17, 2003 - \$300,000,000 issued, auction average 2.769\% (124.267) plus accrued interest from Dec. 1, 2002 |
| Note: | The purchase price of the bond includes inflation compensation and accrued interest. Inflation compensation accrues from the original issue date of March 8, 1999. Interest accrues from the last interest payment date. |
| Interest and Final Payment: | The bonds bear interest adjusted in relation to the consumer price index (CPI) for Canada. Interest consists of both an inflation compensation component, calculated based on principal and payable at maturity, and a cash entitlement (coupon interest), calculated based on principal and accrued inflation compensation. Coupon interest is payable in semi-annual instalments on June 1 and December 1 (the coupon payment dates) commencing June 1, 1999. Coupon interest is calculated by multiplying one-half of the coupon of $4 \%$ per annum by the sum of the principal and the inflation compensation accrued from the date the first bond was issued, namely, March 8, 1999 (the original issue date), to the relevant coupon payment date. At maturity, in addition to coupon interest payable on such date, a final payment equal to the sum of principal plus inflation compensation accrued from the original issue date to maturity will be made. |
| Indexing Process: | An index ratio is applied to calculate both coupon interest and inflation compensation. The index ratio for any date is defined as the ratio of the reference CPI applicable to such date divided by the reference CPI applicable to the original issue date. The reference CPI for the first day of any calendar month is the CPI for the third preceding calendar month. |
|  | For example, the reference CPI for January 1, 2000 is the CPI for October 1999. The reference CPI for any other day in a month is calculated by linear interpolation between the reference CPI applicable to the first day of the month in which the day falls and the reference CPI applicable to the first day of the month immediately following. |
| CPI (Base) | 91.38249 |
| CPI (Dec. 31, 2018) | 134.08710 |
| Index Ratio | 1.46732 |
| Original Issue Par Value as at Dec. 1, 2018 | 5,800,000,000.00 |
| Interest Payment (Dec. 1, 2018) | 169,717,280.00 |
| Interest Earned per \$1M (Dec. 1, 2018) | 29,261.60 |
| Index Ratio (Dec. 1, 2018) | 1.46308 |
| Inflation Adjustment: | 2,710,456,000.00 |
| Adjusted Par Value: | 8,510,456,000.00 |
| Calculation of Interest: | Inflation compensation accrued to any date is calculated by first multiplying the principal by the index ratio applicable to that date and then subtracting the principal. |
|  | Coupon interest is calculated by multiplying one-half of the coupon of $4 \%$ per annum by the sum of the principal and the inflation compensation accrued from the original issue date to the relevant coupon payment date. |
| Registration and Denomination: | A book-entry position for the full amount of the bonds was issued at closing in registered form in the name of a nominee of the Canadian Depository for Securities Limited (CDS). Individual certificates evidencing the bonds will not be available to bond owners. The bonds must be purchased, transferred or sold directly or indirectly through a participant in the CDS book-entry systems and only in denominations of $\$ 1,000$ and integral multiples thereof. |
| Outstanding: | \$5,800,000,000 |

## 5334\% Bonds due June 1, 2033

## XG49

| Interest Payable: | Jun. 1 and Dec. 1 |
| :---: | :---: |
| Issue Information: | Oct. 15, 2001 - \$2,000,000,000 issued, auction average 5.760\% (99.863) |
|  | Jan. 21, 2002 - \$2,000,000,000 issued, auction average 5.524\% (103.343) plus accrued interest from Dec. 1, 2001 |
|  | Mar. 4, 2002 - \$400,000,000 issued, switch replacement priced at 101.494 plus accrued interest from Dec. 1, 2001 |
|  | May 6, 2002 - \$500,000,000 issued, switch replacement priced at 99.136 plus accrued interest from Dec. 1, 2001 |
|  | Jul. 15, 2002 - \$1,900,000,000 issued, auction average 5.751\% (99.978) plus accrued interest from Jun. 1, 2002 |
|  | Nov. 25, 2002 - \$400,000,000 issued, switch replacement priced at 104.897 plus accrued interest from Jun. 1, 2002 |
|  | Jan. 20, 2003 - \$1,700,000,000 issued, auction average 5.467\% (104.162) plus accrued interest from Dec. 1, 2002 |
|  | Mar. 3, 2003 - $\$ 300,000,000$ issued, switch replacement priced at 104.565 plus accrued interest from Dec. 1, 2002 |
|  | Apr. 14, 2003 - $\$ 300,000,000$ issued, switch replacement priced at 103.456 plus accrued interest from Dec. 1, 2002 |
|  | Jul. 14, 2003 - \$1,600,000,000 issued, auction average 5.236\% (107.715) plus accrued interest from Jun. 1, 2003 |
|  | Aug. 25, 2003 - \$300,000,000 issued, switch replacement priced at 106.802 plus accrued interest from Jun. 1, 2003 |
|  | Nov. 10, 2003 - $\$ 210,295,000$ issued, switch replacement priced at 105.733 plus accrued interest from Jun. 1, 2003 |
|  | Jan. 19, 2004 - \$1,500,000,000 issued, auction average 5.113\% (109.623) plus accrued interest from Dec. 1, 2003 |
|  | Mar. 1, 2004 - $\$ 300,000,000$ issued, switch replacement priced at 110.221 plus accrued interest from Dec. 1, 2003 |
| Cancellation Information: | Nov. 22, 2011 - \$68,000,000 cancelled |
|  | Mar. 27, 2012 - \$70,000,000 cancelled |
|  | Jul. 25, 2012 - \$269,390,000 cancelled |
|  | Mar. 12, 2014 - \$207,000,000 cancelled |
|  | Oct. 4, 2016 - \$178,000,000 cancelled |
|  | Feb. 1, 2017 - \$185,000,000 cancelled |
|  | Oct. 3, 2017 - \$50,000,000 cancelled |
|  | Jan. 30, 2018 - \$44,000,000 cancelled |
|  | Sep. 25, 2018 - \$25,000,000 cancelled |
| Outstanding: | \$12,313,905,000 |

## 3\% Real Return Bonds due December 1, 2036

CA135087-XQ21

| Note: | The purchase price of the bond includes inflation compensation and accrued <br> interest. Inflation compensation accrues from the original issue date of June 9, <br> 2003. Interest accrues from the last interest payment date. |
| :--- | :--- |
| Interest and Final Payment: $\quad$The bonds bear interest adjusted in relation to the consumer price index (CPI) <br> for Canada. Interest consists of both an inflation compensation component, <br> calculated based on principal and payable at maturity, and a cash entitlement <br> (coupon interest) calculated based on principal and accrued inflation <br> compensation. Coupon interest is payable in semi-annual instalments on June 1 <br> and December 1 (the coupon payment dates) commencing December 1, 2003. <br> Coupon interest is calculated by multiplying one-half of the coupon of 3\% per <br> annum by the sum of the principal and the inflation compensation accrued <br> from the date the first bond was issued, namely, June 9, 2003 (the original issue <br> date), to the relevant coupon payment date. At maturity, in addition to coupon <br> interest payable on such date, a final payment equal to the sum of principal |  |
| plus inflation compensation accrued from the original issue date to maturity |  |
| will be made. |  |


| Indexing Process: | An index ratio is applied to calculate both coupon interest and inflation compensation. The index ratio for any date is defined as the ratio of the reference CPI applicable to such date divided by the reference CPI applicable to the original issue date. The reference CPI for the first day of any calendar month is the CPI for the third preceding calendar month. For example, the reference CPI for January 1, 1996 is the CPI for October 1995. The reference CPI for any other day in a month is calculated by linear interpolation between the reference CPI applicable to the first day of the month in which the day falls and the reference CPI applicable to the first day of the month immediately following. |
| :---: | :---: |
| CPI (Base) | 102.99160 |
| CPI (Dec. 31, 2018) | 134.08710 |
| Index Ratio | 1.30192 |
| Original Issue Par Value as at Dec. 1, 2018 | 5,850,000,000.00 |
| Interest Payment (Dec. 1, 2018) | 113,913,540.00 |
| Interest Earned per \$1M (Dec. 1, 2018) | 19,472.40 |
| Index Ratio (Dec. 1, 2018) | 1.29816 |
| Inflation Adjustment: | 1,766,232,000.00 |
| Adjusted Par Value: | 7,616,232,000.00 |
| Calculation of Interest: | Inflation compensation accrued to any date is calculated by first multiplying the principal by the index ratio applicable to that date and then subtracting the principal. |
|  | Coupon interest is calculated by multiplying one-half of the coupon of 3\% per annum by the sum of the principal and the inflation compensation accrued from the original issue date to the relevant coupon payment date. |
| Registration and Denomination: | A book-entry position for the full amount of the bonds was issued at closing in registered form in the name of a nominee of the Canadian Depository for Securities Limited (CDS). Individual certificates evidencing the bonds will not be available to bond owners. The bonds must be purchased, transferred or sold directly or indirectly through a participant in the CDS book-entry systems and only in denominations of $\$ 1,000$ and integral multiples thereof. |
| Outstanding: | \$5,850,000,000 |

## 5\% Bonds due June 1, 2037

## XW98

 CA135087-XW98Interest Payable:
Issue Information:

## Jun. 1 and Dec. 1

Jul. 19, 2004 - \$1,500,000,000 issued, priced at 5.245\% (96.187)
Sep. 14, 2004 - \$149,343,000 issued, switch replacement priced at 98.338 plus accrued interest from Jul. 19, 2004

Nov. 8, 2004 - $\$ 300,000,000$ issued, switch replacement priced at 100.755 plus accrued interest from Jul. 19, 2004

Jan. 17, 2005 - \$1,400,000,000 issued, priced at 4.822\% (102.896) plus accrued interest from Dec. 1, 2004

Apr. 11, 2005 - \$300,000,000 issued, switch replacement priced at 105.029 plus accrued interest from Dec. 1, 2004
Jul. 11, 2005 - \$1,300,000,000 issued, priced at 4.321\% (111.690) plus accrued interest from Jun. 1, 2005

Oct. 18, 2005 - $\$ 299,746,000$ issued, switch replacement priced at 112.277 plus accrued interest from Jun. 1, 2005

Jan. 16, $2006-\$ 1,300,000,000$ issued, priced at $4.118 \%$ (115.451) plus accrued interest from Dec. 1, 2005
May 1, 2006 - $\$ 300,000,000$ issued, switch replacement priced at 107.758 plus accrued interest from Dec. 1, 2005

Jul. 24, $2006-\$ 1,300,000,000$ issued, priced at $4.496 \%$ (108.361) plus accrued interest from Jun. 1, 2006
Oct. 31, 2006 - $\$ 300,000,000$ issued, switch replacement priced at 114.704 plus accrued interest from Jun. 1, 2006

Jan. 15, 2007 - \$1,400,000,000 issued, priced at $4.100 \%$ (115.549) plus accrued interest from Dec. 1, 2006
Jun. 11, 2007 - $\$ 300,000,000$ issued, switch replacement priced at 111.043 plus accrued interest from Jun. 1, 2007

Jul. 23, $2007-\$ 1,400,000,000$ issued, priced at $4.509 \%$ (108.008) plus accrued interest from Jun. 1, 2007
Oct. 9, 2007 - $\$ 300,000,000$ issued, switch replacement priced at 109.984 plus accrued interest from Jun. 1, 2007

Jan. 21, 2008 - \$1,400,000,000 issued, priced at $4.048 \%$ (116.262) plus accrued interest from Dec. 1, 2007
Jan. 12, 2009 - $\$ 750,000,000$ issued, switch replacement priced at 123.084 plus accrued interest from Dec. 1, 2008

Cancellation Information: Feb. 6, 2013 - \$48,233,000 cancelled
Aug. 7, 2013 - \$26,596,000 cancelled
Mar. 12, 2014 - \$240,087,000 cancelled
Sep. 4, 2014 - \$97,100,000 cancelled
Aug. 25, 2015 - \$70,116,000 cancelled
Oct. 4, 2016 - \$141,708,000 cancelled
Feb. 1, 2017 - \$115,536,000 cancelled
Oct. 3, 2017 - \$221,930,000 cancelled
Jan. 30, 2018 - \$406,488,000 cancelled
Sep. 25, 2018 - \$39,021,000 cancelled
Outstanding:
\$12,592,274,000

## 4\% Bonds due June 1, 2041

## YQ12

Interest Payable: Jun. 1 and Dec. 1

Issue Information: Jun. 9, 2008-\$1,400,000,000 issued, auction average 4.104\% (98.130)
Sep. 15, 2008 - $\$ 300,000,000$ issued, switch replacement priced at 101.057 plus accrued interest from Jun. 9, 2008

Dec. 15, 2008 - $\$ 1,300,000,000$ issued, auction average $3.741 \%$
(104.843) plus accrued interest from Dec. 1, 2008

Mar. 23, 2009 - \$1,300,000,000 issued, auction average 3.631\%
(106.967) plus accrued interest from Dec. 1, 2008

May 19, 2009 - \$1,400,000,000 issued, auction average 3.912\%
(101.598) plus accrued interest from Dec. 1, 2008

Jul. 14, 2009 - $\$ 700,000,000$ issued, switch replacement priced at
101.720 plus accrued interest from Jun. 1, 2009

Aug. 5, 2009 - \$1,500,000,000 issued, auction average 4.112\% (98.017) plus accrued interest from Jun. 1, 2009
Oct. 20, 2009 - \$1,500,000,000 issued, auction average 4.016\% (99.711) plus accrued interest from Jun. 1, 2009
Feb. 22, 2010 - \$1,500,000,000 issued, auction average 4.082\% (98.554) plus accrued interest from Dec. 1, 2009
Mar. 22, 2010 - $\$ 400,000,000$ issued, switch replacement priced at 100.191 plus accrued interest from Dec. 1, 2009

May 25, 2010 - \$1,400,000,000 issued, auction average 3.780\% (103.998) plus accrued interest from Dec. 1, 2009

Sep. 7, 2010 - \$1,400,000,000 issued, auction average 3.489\% (109.583) plus accrued interest from Jun. 1, 2010

Nov. 22, 2010 - \$1,400,000,000 issued, auction average 3.638\%
(106.639) plus accrued interest from Jun. 1, 2010

Mar. 21, 2011 - $\$ 300,000,000$ issued, switch replacement priced at 105.555 plus accrued interest from Dec. 1, 2010

Cancellation Information: Sep. 4, 2014-\$107,000,000 cancelled
Oct. 4, 2016 - \$165,000,000 cancelled
Feb. 1, 2017 - \$166,655,000 cancelled
Oct. 3, 2017 - \$180,208,000 cancelled
Jan. 30, 2018 - \$ 7,000,000 cancelled
Sep. 25, 2018 - \$368,617,000 cancelled
Outstanding:
\$14,805,520,000

## 2\% Real Return Bonds due December 1, 2041

## YK42

Interest Payable:

Issue Information:

Jun. 1 and Dec. 1

Jun. 4, 2007 - \$650,000,000 issued, priced at 2.010\% (99.752)
Sep. 4, 2007 - \$500,000,000 issued, auction average 2.180\% (95.672)
plus accrued interest from Jun. 4, 2007
Dec. 10, 2007 - $\$ 600,000,000$ issued, auction average $2.060 \%$ (98.539) plus accrued interest from Dec. 1, 2007
Mar. 3, 2008 - \$500,000,000 issued, auction average 1.980\% (100.489) plus accrued interest from Dec. 1, 2007
Jun. 2, 2008 - \$600,000,000 issued, auction average 1.588\% (110.671) plus accrued interest from Jun. 1, 2008
Sep. 2, 2008 - \$500,000,000 issued, auction average 1.510\% (112.770) plus accrued interest from Jun. 1, 2008
Dec. 8, 2008 - \$600,000,000 issued, auction average $2.770 \%$ (83.421) plus accrued interest from Dec. 1, 2008
Mar. 9, 2009 - \$400,000,000 issued, auction average 2.250\% (94.230) plus accrued interest from Dec. 1, 2008
Jun. 2, $2009-\$ 600,000,000$ issued, auction average $2.250 \%$ (94.259) plus accrued interest from Jun. 1, 2009
Aug. 31, 2009 - \$500,000,000 issued, auction average 1.845\% (103.754) plus accrued interest from Jun. 1, 2009
Dec. 7, 2009 - \$700,000,000 issued, auction average $1.510 \%$ (112.393) plus accrued interest from Dec. 1, 2009
Mar. 1, 2010 - \$400,000,000 issued, auction average $1.578 \%$ (110.507) plus accrued interest from Dec. 1, 2009

| Note: | The purchase price of the bond includes inflation compensation and accrued <br> interest. Inflation compensation accrues from the original issue date of June 4, <br> 2007. Interest accrues from the last interest payment date. <br> The bonds bear interest adjusted in relation to the consumer price index (CPI) <br> for Canada. Interest consists of both an inflation compensation component, <br> calculated based on principal and payable at maturity, and a cash entitlement <br> (coupon interest), calculated based on principal and accrued inflation <br> compensation. Coupon interest is payable in semi-annual instalments on June 1 <br> and December 1 (the coupon payment dates) commencing December 1, 2007. <br> Coupon interest is calculated by multiplying one-half of the coupon of 2\% per <br> annum by the sum of the principal and the inflation compensation accrued <br> from the date the first bond was issued, namely, June 4, 2007 (the original issue |
| :--- | :--- |
| date), to the relevant coupon payment date. At maturity, in addition to coupon |  |
| interest payable on such date, a final payment equal to the sum of principal |  |

## 1½\% Real Return Bonds due December 1, 2044

## ZHO4

Interest Payable:

Issue Information:

Note:

Interest and Final Payment:

Jun. 1 and Dec. 1

May 31, 2010 - \$700,000,000 issued, auction average 1.510\% (99.732)
Aug. 30, 2010 - \$400,000,000 issued, auction average $1.335 \%$ (104.523) plus accrued interest from Jun. 1, 2010
Dec. 6, 2010 - \$700,000,000 issued, auction average $1.155 \%$ (109.675) plus accrued interest from Dec. 1, 2010
Feb. 28, 2011 - \$400,000,000 issued, auction average $1.340 \%$ (104.332) plus accrued interest from Dec. 1, 2010
Jun. 6, 2011 - \$700,000,000 issued, auction average 1.020\% (113.587) plus accrued interest from Jun. 1, 2011
Sep. 6, 2011 - \$400,000,000 issued, auction average 0.899\% (117.233) plus accrued interest from Jun. 1, 2011
Dec. 5, 2011 - \$700,000,000 issued, auction average $0.671 \%$ (124.496) plus accrued interest from Dec. 1, 2011
Feb. 27, 2012 - \$400,000,000 issued, auction average $0.575 \%$ (127.583) plus accrued interest from Dec. 1, 2011
Jun. 4, 2012 - \$700,000,000 issued, auction average $0.460 \%$ (131.354) plus accrued interest from Jun. 1, 2012
Sep. 17, 2012 - \$400,000,000 issued, auction average $0.549 \%$ (128.037) plus accrued interest from Jun. 1, 2012
Dec. 10, 2012 - \$700,000,000 issued, auction average $0.379 \%$ (133.727) plus accrued interest from Dec. 1, 2012
Feb. 25, 2013 - \$400,000,000 issued, auction average $0.619 \%$ (125.369) plus accrued interest from Dec. 1, 2012
Jun. 10, 2013 - \$700,000,000 issued, auction average $0.700 \%$ (122.564) plus accrued interest from Jun. 1, 2013
Sep. 16, 2013 - \$400,000,000 issued, auction average $1.368 \%$ (103.343) plus accrued interest from Jun. 1, 2013

The purchase price of the bond includes inflation compensation and accrued interest. Inflation compensation accrues from the original issue date of May 31, 2010. Interest accrues from the last interest payment date.

The bonds bear interest adjusted in relation to the consumer price index (CPI) for Canada. Interest consists of both an inflation compensation component, calculated based on principal and payable at maturity, and a cash entitlement (coupon interest), calculated based on principal and accrued inflation compensation. Coupon interest is payable in semi-annual instalments on June 1 and December 1 (the coupon payment dates) commencing June 1, 2010. Coupon interest is calculated by multiplying one-half of the coupon of $1 \frac{1}{2} \%$ per annum by the sum of the principal and the inflation compensation accrued from the date the first bond was issued, namely, May 31, 2010 (the original issue date), to the relevant coupon payment date. At maturity, in addition to coupon interest payable on such date, a final payment equal to the sum of principal plus inflation compensation accrued from the original issue date to maturity will be made.

| Indexing Process: | An index ratio is applied to calculate both coupon interest and inflation compensation. The index ratio for any date is defined as the ratio of the reference CPI applicable to such date divided by the reference CPI applicable to the original issue date. The reference CPI for the first day of any calendar month is the CPI for the third preceding calendar month. For example, the reference CPI for January 1, 1996 is the CPI for October 1995. The reference CPI for any other day in a month is calculated by linear interpolation between the reference CPI applicable to the first day of the month in which the day falls and the reference CPI applicable to the first day of the month immediately following. |
| :---: | :---: |
| CPI (Base) | 115.60000 |
| CPI (Dec. 31, 2018) | 134.08710 |
| Index Ratio | 1.15992 |
| Original Issue Par Value as at Dec. 1, 2018 | 7,700,000,000.00 |
| Interest Payment (Dec. 1, 2018) | 66,791,917.50 |
| Interest Earned per \$1M (Dec. 1, 2018) | 8,674.28 |
| Index Ratio (Dec. 1, 2018) | 1.15657 |
| Inflation Adjustment: | 1,231,384,000.00 |
| Adjusted Par Value: | 8,931,384,000.00 |
| Calculation of Interest: | Inflation compensation accrued to any date is calculated by first multiplying the principal by the index ratio applicable to that date and then subtracting the principal. |
|  | Coupon interest is calculated by multiplying one-half of the coupon of $1 \frac{1}{2} \%$ per annum by the sum of the principal and the inflation compensation accrued from the original issue date to the relevant coupon payment date. |
| Registration and Denomination: | A book-entry position for the full amount of the bonds was issued at closing in registered form in the name of a nominee of the Canadian Depository for Securities Limited (CDS). Individual certificates evidencing the bonds will not be available to bond owners. The bonds must be purchased, transferred or sold directly or indirectly through a participant in the CDS book-entry systems and only in denominations of $\$ 1,000$ and integral multiples thereof. |
| Outstanding: | \$7,700,000,000 |

## 3½\% Bonds due December 1, 2045

## ZS68

Interest Payable: Jun. 1 and Dec. 1

Issue Information:
Jun. 13, 2011 - \$1,400,000,000 issued, auction average 3.515\% (99.703)
Aug. 29, 2011 - \$400,000,000 issued, switch replacement priced at 110.222 plus accrued interest from Jun. 13, 2011

Nov. 21, 2011 - \$1,500,000,000 issued, auction average 2.763\% (116.188) plus accrued interest from Jun. 13, 2011

Mar. 26, 2012 - \$1,400,000,000 issued, auction average 2.793\%
(115.365) plus accrued interest from Dec. 1, 2011

May 28, 2012 - \$1,400,000,000 issued, auction average 2.413\%
(124.883) plus accrued interest from Dec. 1, 2011

Jul. 24, 2012 - \$400,000,000 issued, switch replacement priced at 128.442 plus accrued interest from Jun. 1, 2012

Sep. 24, 2012 - \$1,400,000,000 issued, auction average 2.466\% (123.337) plus accrued interest from Jun. 1, 2012

Dec. 3, 2012 - \$1,600,000,000 issued, auction average 2.289\%
(127.938) plus accrued interest from Dec. 1, 2012

Feb. 5, 2013 - \$400,000,000 issued, switch replacement priced at 120.532 plus accrued interest from Dec. 1, 2012

Mar. 18, 2013 - \$1,500,000,000 issued, auction average 2.624\% (119.150) plus accrued interest from Dec. 1, 2012

May 27, 2013 - \$1,400,000,000 issued, auction average 2.546\% (121.009) plus accrued interest from Dec. 1, 2012

Aug. 6, $2013-\$ 400,000,000$ issued, switch replacement priced at 108.663 plus accrued interest from Jun. 1, 2013

Nov. 18, 2013 - \$1,400,000,000 issued, auction average 3.179\% (106.420) plus accrued interest from Jun. 1, 2013

Feb. 18, 2014 - \$1,400,000,000 issued, auction average 3.075\%
(108.578) plus accrued interest from Dec. 1, 2013

Mar. 11, 2014 - \$400,000,000 issued, switch replacement priced at 109.750 plus accrued interest from Dec. 1, 2013

Cancellation Information:
Outstanding:
$\$ 16,400,000,000$

## 11⁄\% Real Return Bonds due December 1, 2047

## B949

Interest Payable:
Issue Information:

Jun. 1 and Dec. 1
Dec. 2, 2013 - \$700,000,000 issued, auction average 1.230\% (100.554)
Mar. 3, 2014 - \$400,000,000 issued, auction average 1.010\% (106.848) plus accrued interest from Dec. 2, 2013
Jun. 16, 2014 - \$700,000,000 issued, auction average $0.914 \%$ (109.667) plus accrued interest from Jun. 1, 2014
Aug. 25, $2014-\$ 400,000,000$ issued, auction average $0.789 \%$ (113.465) plus accrued interest from Jun. 1, 2014
Dec. 15, 2014 - \$700,000,000 issued, auction average $0.688 \%$ (116.549) plus accrued interest from Dec. 1, 2014
Mar. 16, 2015 - \$400,000,000 issued, auction average $0.429 \%$ (125.032) plus accrued interest from Dec. 1, 2014
Jun. 8, 2015 - \$700,000,000 issued, auction average $0.670 \%$ (116.905) plus accrued interest from Jun. 1, 2015
Sep. 8, 2015 - \$400,000,000 issued, auction average $0.707 \%$ (115.625) plus accrued interest from Jun. 1, 2015
Dec. 8, 2015 - \$700,000,000 issued, auction average $0.745 \%$ (114.347) plus accrued interest from Dec. 1, 2015
Mar. 7, 2016 - \$400,000,000 issued, auction average $0.618 \%$ (118.187) plus accrued interest from0 Dec. 1, 2015
Jun. 6, 2016 - \$700,000,000 issued, auction average $0.420 \%$ (124.455) plus accrued interest from Jun. 1, 2016
Sep. 19, 2016 - \$400,000,000 issued, auction average $0.339 \%$ (126.949) plus accrued interest from Jun. 1, 2016

|  | Dec. 13, 2016 - \$700,000,000 issued, auction average $0.520 \%$ (120.855) plus accrued interest from Dec. 1, 2016 |
| :---: | :---: |
|  | Feb. 13, 2017 - \$400,000,000 issued, auction average $0.578 \%$ (118.933) plus accrued interest from Dec. 1, 2016 |
| Note: | The purchase price of the bond includes inflation compensation and accrued interest. Inflation compensation accrues from the original issue date of December 2, 2013. Interest accrues from the last interest payment date. |
| Interest and Final Payment: | The bonds bear interest adjusted in relation to the consumer price index (CPI) for Canada. Interest consists of both an inflation compensation component, calculated based on principal and payable at maturity, and a cash entitlement (coupon interest), calculated based on principal and accrued inflation compensation. Coupon interest is payable in semi-annual instalments on June 1 and December 1 (the coupon payment dates) commencing June 1, 2014. <br> Coupon interest is calculated by multiplying one-half of the coupon of $1 \frac{1}{4} \%$ per annum by the sum of the principal and the inflation compensation accrued from the date the first bond was issued, namely, December 2, 2013 (the original issue date), to the relevant coupon payment date. At maturity, in addition to coupon interest payable on such date, a final payment equal to the sum of principal plus inflation compensation accrued from the original issue date to maturity will be made. |
| Indexing Process: | An index ratio is applied to calculate both coupon interest and inflation compensation. The index ratio for any date is defined as the ratio of the reference CPI applicable to such date divided by the reference CPI applicable to the original issue date. The reference CPI for the first day of any calendar month is the CPI for the third preceding calendar month. For example, the reference CPI for January 1, 1996 is the CPI for October 1995. The reference CPI for any other day in a month is calculated by linear interpolation between the reference CPI applicable to the first day of the month in which the day falls and the reference CPI applicable to the first day of the month immediately following. |
| CPI (Base) | 123.29032 |
| CPI (Dec. 31, 2018) | 134.08710 |
| Index Ratio | 1.08757 |
| Original Issue Par Value as at Dec. 1, 2018 | 7,700,000,000.00 |
| Interest Payment (Dec. 1, 2018) | 52,188,193.75 |
| Interest Earned per \$1M (Dec. 1, 2018) | 6,777.69 |
| Index Ratio (Dec. 1, 2018) | 1.08443 |
| Inflation Adjustment: | 674,289,000.00 |
| Adjusted Par Value: | 8,374,289,000.00 |
| Calculation of Interest: | Inflation compensation accrued to any date is calculated by first multiplying the principal by the index ratio applicable to that date and then subtracting the principal. |
|  | Coupon interest is calculated by multiplying one-half of the coupon of $1 \frac{1}{4} \%$ per annum by the sum of the principal and the inflation compensation accrued from the original issue date to the relevant coupon payment date. |
| Registration and Denomination: | A book-entry position for the full amount of the bonds was issued at closing in registered form in the name of a nominee of the Canadian Depository for Securities Limited (CDS). Individual certificates evidencing the bonds will not be available to bond owners. The bonds must be purchased, transferred or sold directly or indirectly through a participant in the CDS book-entry systems and only in denominations of $\$ 1,000$ and integral multiples thereof. |
| Outstanding: | \$7,700,000,000 |

## 23⁄2\% Bonds due December 1, 2048

| Interest Payable: | Jun. 1 and Dec. 1 |
| :---: | :---: |
| Issue Information: | Jun. 2, 2014 - \$1,400,000,000 issued, auction average 2.786\% (99.205) |
|  | Sep. 3, 2014 - \$400,000,000 issued, switch replacement priced at 104.430 plus accrued interest from Jun. 2, 2014 |
|  | Nov. 17, 2014 - \$1,400,000,000 issued, auction average 2.630\% (102.687) plus accrued interest from Jun. 2, 2014 |
|  | Feb. 9, $2015-\$ 1,400,000,000$ issued, auction average $1.963 \%$ (119.377) plus accrued interest from Dec. 1, 2014 |
|  | May 25, 2015 - \$1,400,000,000 issued, auction average 2.439\% (107.093) plus accrued interest from Dec. 1, 2014 |
|  | Aug. 24, 2015 - \$400,000,000 issued, switch replacement priced at 114.748 plus accrued interest from Jun. 1, 2015 |
|  | Nov. 30, 2015 - \$1,400,000,000 issued, auction average 2.328\% (109.682) plus accrued interest from Jun. 1, 2015 |
|  | May 24, 2016 - \$1,750,000,000 issued, auction average 2.029\% (117.105) plus accrued interest from Dec. 1, 2015 |
|  | Oct. 3, 2016 - \$400,000,000 issued, switch replacement priced at 127.859 plus accrued interest from Jun. 1, 2016 |
|  | Nov. 28, 2016 — \$1,750,000,000 issued, auction average 2.209\% (112.368) plus accrued interest from Jun. 1, 2016 |
|  | Jan. 31, 2017 - \$400,000,000 issued, switch replacement priced at 106.374 plus accrued interest from Dec. 1, 2016 |
|  | May 23, 2017 - \$1,200,000,000 issued, auction average 2.143\% (113.859) plus accrued interest from Dec. 1, 2016 |
|  | Aug. 21, 2017 - \$1,200,000,000 issued, auction average 2.339\% (109.079) plus accrued interest from Jun. 1, 2017 |
|  | Oct. 2, 2017 - \$400,000,000 issued, switch replacement priced at 105.165 plus accrued interest from Jun. 1, 2017 |
| Cancellation Information: |  |
| Outstanding: | \$14,900,000,000 |

## ½\% Real Return Bonds due December 1, 2050

## G997

Interest Payable:

Issue Information:

Jun. 1 and Dec. 1

Jun. 5, 2017 - \$700,000,000 issued, auction average 0.540\% (98.776)
Sep. 15, 2017 - \$400,000,000 issued, auction average 0.779\% (91.850) plus accrued interest from Jun. 5, 2017

Dec. 1, 2017 - \$700,000,000 issued, auction average 0.625\% (96.278)
Mar. 5, 2018 - \$400,000,000 issued, auction average 0.630\% (96.159) plus accrued interest from Dec. 1, 2017

Jun. 18, 2018 - \$700,000,000 issued, auction average 0.524\% (99.285) plus accrued interest from Jun. 1, 2018

Sep. 14, 2018 - \$400,000,000 issued, auction average 0.615\% (96.644) plus accrued interest from Jun. 1, 2018

Nov. 30, 2018 - \$700,000,000 issued, auction average 0.860\% (89.947) plus accrued interest from Jun. 1, 2018


The purchase price of the bond includes inflation compensation and accrued interest. Inflation compensation accrues from the original issue date of June 5, 2017. Interest accrues from the last interest payment date.
erest and Final Payment:
ndexing Process:

CPI (Base)
CPI (Dec. 31, 2018)
Index Ratio
Original Issue Par Value as at
Dec. 1, 2018
Interest Payment
(Dec. 1, 2018)
Interest Earned per \$1M
(Dec. 1, 2018)
Index Ratio (Dec. 1, 2018)
Inflation Adjustment:
Adjusted Par Value:
Calculation of Interest:

Registration and Denomination:

Outstanding:

The bonds bear interest adjusted in relation to the consumer price index (CPI) for Canada. Interest consists of both an inflation compensation component, calculated based on principal and payable at maturity, and a cash entitlement (coupon interest), calculated based on principal and accrued inflation compensation. Coupon interest is payable in semi-annual instalments on June 1 and December 1 (the coupon payment dates) commencing December 1, 2017. Coupon interest is calculated by multiplying one-half of the coupon of $1 / 2 \%$ per annum by the sum of the principal and the inflation compensation accrued from the date the first bond was issued, namely, June 5, 2017 (the original issue date), to the relevant coupon payment date. At maturity, in addition to coupon interest payable on such date, a final payment equal to the sum of principal plus inflation compensation accrued from the original issue date to maturity will be made.

An index ratio is applied to calculate both coupon interest and inflation compensation. The index ratio for any date is defined as the ratio of the reference CPI applicable to such date divided by the reference CPI applicable to the original issue date. The reference CPI for the first day of any calendar month is the CPI for the third preceding calendar month. For example, the reference CPI for January 1, 1996 is the CPI for October 1995. The reference CPI for any other day in a month is calculated by linear interpolation between the reference CPI applicable to the first day of the month in which the day falls and the reference CPI applicable to the first day of the month immediately following.

```
                                    129.96667
                                    134.08710
                                    1.03170
                                    4,000,000,000.00
                                    10,287,300.00
                                    2,571.83
                                    1.02873
                                    126,800,000.00
                                    4,126,800,000.00
```

Inflation compensation accrued to any date is calculated by first multiplying the principal by the index ratio applicable to that date and then subtracting the principal.
Coupon interest is calculated by multiplying one-half of the coupon of $1 / 2 \%$ per annum by the sum of the principal and the inflation compensation accrued from the original issue date to the relevant coupon payment date.

A book-entry position for the full amount of the bonds was issued at closing in registered form in the name of a nominee of the Canadian Depository for Securities Limited (CDS). Individual certificates evidencing the bonds will not be available to bond owners. The bonds must be purchased, transferred or sold directly or indirectly through a participant in the CDS book-entry systems and only in denominations of $\$ 1,000$ and integral multiples thereof.
\$4,000,000,000

## 2\% Bonds due December 1, 2051

## H722

CA135087-H722

| Interest Payable: | Jun. 1 and Dec. 1 |
| :---: | :---: |
| Issue Information: | Dec. 22, 2017 - \$1,100,000,000 issued, auction average 2.247\% (94.157) |
|  | Jan. 29, 2018 - \$400,000,000 issued, switch replacement priced at 91.422 plus accrued interest from Dec. 22, 2017 |
|  | May 25, 2018 - \$1,000,000,000 issued, auction average 2.456\% (89.625) plus accrued interest from Dec. 22, 2017 |
|  | Aug. 17, 2018 - \$1,000,000,000 issued, auction average 2.290\% (93.269) plus accrued interest from Jun. 1, 2018 |
|  | Sep. 24, 2018 - \$400,000,000 issued, switch replacement priced at 90.136 plus accrued interest from Jun. 1, 2018 |
|  | Nov. 2, 2018 - \$1,000,000,000 issued, auction average 2.505\% (88.688) plus accrued interest from Jun. 1, 2018 |
| Cancellation Information: |  |
| Outstanding: | \$4,900,000,000 |

## 23⁄2\% Bonds due December 1, 2064

| Interest Payable: | Jun. 1 and Dec. 1 |
| :---: | :---: |
| Issue Information: | May 1, 2014 - \$1,500,000,000 issued, auction average 2.96\% (94.512) |
|  | Jul. 15, 2014 - \$1,000,000,000 issued, auction average 2.764\% (99.619) plus accrued interest from Jun. 1, 2014 |
|  | Nov. 25, 2014 - \$1,000,000,000 issued, auction average 2.575\% (104.906) plus accrued interest from Jun. 1, 2014 |
|  | Sep. 1, 2017 - \$750,000,000 issued, auction average 2.220\% (115.460) plus accrued interest from Jun. 1, 2017 |
|  | Nov. 20, 2017 - \$500,000,000 issued, auction average 2.251\% (114.431) plus accrued interest from Jun. 1, 2017 |
| Cancellation Information: |  |
| Outstanding: | \$4,750,000,000 |

## Section 2.3-Foreign Currency Securities

## General Characteristics

## Canada Bills

- Canada Bills are promissory notes denominated in US dollars and issued only in book-entry form.
- Canada Bills mature not more than 270 days from their date of issue and are discount obligations with a minimum order size of US\$1,000,000 and a minimum denomination of US\$1,000.
- Delivery and payment for Canada Bills occur in same-day funds.
- The issuing and paying agent for Canada Bills is Citibank N.A. in New York, New York.


## Canada Notes

- Canada Notes are promissory notes usually denominated in US dollars and issued in book-entry form.
" Canada Notes are issued in denominations of US\$5,000 and integral multiples thereof.
- Notes can be issued in terms of nine months or longer and can be issued at a fixed or floating rate.
- Notes are usually denominated in US dollars, and the payments of principal and interest on notes are usually made in US dollars.
- The interest rate or rate formula, the issue price, stated maturity, redemption or repayment provisions, and any other terms are established by Canada at the time of issuance of a note and will be indicated in the Pricing Supplement
- The fiscal agent for Canada Notes is Citibank N.A. in New York, New York.


## Euro Medium-Term Notes (EMTNs)

- EMTNs are foreign currency medium-term notes issued outside the United States and Canada.
- EMTNs can be issued with fixed or floating interest rates, include embedded options, and make coupon payments in one currency and principal payments in another currency, and maturities can range from short-term to long-term.
- Canada EMTNs are sold on a private-placement or public-offering basis.
- Notes issued under this program can be denominated in a range of currencies structured to meet investor demand.
- The fiscal agent for EMTNs is Citibank N.A., London Branch in London, England.


## Bonds

- Bonds are marketable debt instruments issued in foreign currencies with fixed or floating interest rates.
- At present, all issues of foreign currency bonds are available in global-certificate form only.
- All outstanding issues of foreign currency bonds have been listed on the Luxembourg Stock Exchange.

Table 2.3.1: Canada Bills

| Year | Maturity Date | Coupon \% | Issue Date | Outstanding Amount | Equivalent in Canadian Dollars ${ }^{\text {a }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Various maturity dates from Jan. 2, 2019 to Jun. 3, 2019 | 2.14 to 2.54 | Various issue dates from Jun. 13, 2018 to Dec. 14, 2018 | US\$ 2,860,430,193 | 3,902,198,869 |
| Total |  |  |  | US\$ 2,860,430,193 | \$3,902,198,869 |

a. Converted to Canadian dollars (US\$1 = Can\$1.3642; €1 = Can\$1.5613); daily average exchange rate as at December 31, 2018 (equivalent Canadian dollars may not be exact due to rounding).

Table 2.3.2: Canada Notes

| Year | Maturity Date | Coupon \% | Issue Date | Outstanding Amount | Equivalent in Canadian Dollars ${ }^{\text {a }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2019 | Jul. 21 | 3-month LIBOR | Jul. 21, 2016 | US\$150,000,000 | 204,630,000 |
| 2019 | Aug. 25 | 1.4540 | Aug. 25, 2015 | US\$50,000,000 | 68,210,000 |
| 2019 | Sep. 6 | 3-month LIBOR | Sep. 7, 2016 | US\$100,000,000 | 136,420,000 |
| 2019 | Dec. 10 | 1.8500 | Dec. 10, 2013 | US\$50,000,000 | 68,210,000 |
| 2019 | Dec. 13 | 3-month LIBOR | Dec. 13, 2013 | US\$50,000,000 | 68,210,000 |
| 2020 | Jan. 13 | 3-month LIBOR | Jan. 13, 2017 | US\$250,000,000 | 341,050,000 |
| 2020 | Feb. 10 | 1.2760 | Feb. 10, 2016 | US\$150,000,000 | 204,630,000 |
| 2020 | Jun. 10 | 3-month LIBOR | Jun. 10, 2014 | US\$100,000,000 | 136,420,000 |
| 2020 | Sep. 10 | 3-month LIBOR | Sep. 10, 2014 | US\$250,000,000 | 341,050,000 |
| 2020 | Sep. 15 | 3-month LIBOR | Sep. 15, 2014 | US\$50,000,000 | 68,210,000 |
| 2020 | Dec. 20 | 2.3000 | Dec. 20, 2013 | US\$50,000,000 | 68,210,000 |
| 2021 | Aug. 24 | 3-month LIBOR | Aug. 24, 2015 | US\$50,000,000 | 68,210,000 |
| Total |  |  |  |  | 1,773,460,000 |

a. Converted to Canadian dollars (US\$1 = Can\$1.3642; €1 = Can\$1.5613); daily average exchange rate as at December 31, 2018 (equivalent Canadian dollars may not be exact due to rounding).

BANK OF CANADA • SUMMARY OF GOVERNMENT OF CANADA DIRECT SECURITIES AND LOANS • OUTSTANDING AS AT DECEMBER 31, 2018

Table 2.3.3: Euro Medium-Term Notes

| Year | Maturity Date | Coupon \% | Issue Date | Outstanding Amount | Equivalent in <br> Canadian Dollars $^{\text {a }}$ |
| :---: | :---: | :---: | ---: | ---: | ---: |
| 2020 | Mar. 19 | 3-month LIBOR | Mar. 19, 2014 | US\$125,000,000 | 170,525,000 |
| 2020 | May 8 | 3-month LIBOR | May 8, 2014 | US\$125,000,000 | 170,525,000 |
| 2021 | Jan. 15 | 0.1500 | Jan. 15, 2015 | $€ 150,000,000$ | 234,195,000 |
| Total |  |  |  |  | $575,245,000$ |

a. Converted to Canadian dollars (US\$1 = Can\$1.3642; $€ 1=$ Can\$1.5613); daily average exchange rate as at December 31, 2018 (equivalent Canadian dollars may not be exact due to rounding).

Table 2.3.4: Bonds

| Year | Maturity Date | Coupon \% | Issue Date | Outstanding Amount | Equivalent in <br> Canadian Dollars |
| :---: | :---: | :---: | ---: | ---: | ---: |
| 2019 | Feb. 27 | 1.6250 | Feb. 27, 2014 | US $\$ 3,000,000,000$ | $4,092,600,000$ |
| 2019 | Jun. 1 | 8.8000 | Feb. 5, 2001 | US $\$ 3,500,000^{\text {b }}$ | $4,774,700$ |
| 2020 | Jan. 13 | 3.5000 | Jan. 13, 2010 | $€ 2,000,000,000$ | $3,122,600,000$ |
| 2022 | Nov. 15 | 2.0000 | Nov. 15, 2017 | US\$3,000,000,000 | $4,092,600,000$ |
| Total |  |  |  |  | $\mathbf{1 1 , 3 1 2 , 5 7 4 , 7 0 0}$ |

a. Converted to Canadian dollars (US\$1 = Can\$1.3642; €1 = Can\$1.5613); daily average exchange rate as at December 31, 2018 (equivalent Canadian dollars may not be exact due to rounding).
b. Assumed by the Government of Canada on February 5, 2001, on the dissolution of Petro-Canada Limited.

# 1.625\% Bonds due February 27, 2019 

## Payable in US Dollars

| Date of Issue: | February 27, 2014 |
| :---: | :---: |
| Interest Payable: | Semi-annually on February 27 and August 27 |
| Payments: | Principal and interest are payable in US dollars in same-day funds. The regular record dates for interest payments are February 27 and August 27. If the payment date is not a business day (New York, London, Toronto) then payment will be made the next following business day, and no further interest will be paid due to the delay. |
|  | Citibank N.A., New York, New York (Registrar, Fiscal, Transfer and Principal Paying Agent) |
|  | The Bank of New York Mellon (Luxembourg) S.A., Luxembourg (Luxembourg Listing Agent) |
| Other Provisions: | All payments of principal and interest will be made without deduction or withholding for or on account of any present or future taxes, duties, assessments or charges of whatsoever nature imposed or levied by or in Canada, unless Canada is required by law to deduct or withhold such taxes, duties, assessments or charges. In such event, Canada will pay to the registered holders of the bonds such additional amounts as will result (after deduction or withholding of such taxes, duties, assessments or charges) in the receipt by holders of the bonds amounts which would otherwise have been payable if no such taxes, duties, assessments or charges had been imposed, except that no such additional amounts shall be payable to a beneficial owner of a bond who is subject to such taxes, duties, assessments or charges by reason of such owner being connected with Canada other than merely by the holding or ownership as a non-resident of Canada of such bond. |
| Issue Price: | 99.842 |
| Listed: | Luxembourg Euro MTF Market |
| Outstanding: | US\$3,000,000,000 |
| ISIN: | US135087C776 |
| CUSIP: | 135087C77 |

# 8.80\% Debentures due June 1, 2019 

## Payable in US Dollars

\(\left.$$
\begin{array}{ll}\text { Date of Issue: } & \begin{array}{l}\text { Assumed by the Government of Canada on February 5, 2001, on the dissolution of } \\
\text { Petro-Canada Limited. Initially issued by Petro-Canada on June 6, 1989. }\end{array} \\
\text { Interest Payable: } & \begin{array}{l}\text { Semi-annually on June } 1 \text { and December } 1\end{array} \\
\text { Payments: } & \begin{array}{l}\text { Principal and interest are payable in US dollars in same-day funds. The regular record } \\
\text { dates for interest payments are May } 15 \text { and November 15. }\end{array}
$$ <br>

Bank of New York, New York (Registrar, Fiscal, Transfer, Principal Paying Agent)\end{array}\right\}\)| The debentures were issued in fully registered form without coupons in denominations |
| :--- |
| Of US\$1,000 and any integral multiple thereof. |

must be made within the period commencing April 1, 2004 and ending at the close of business on April 30, 2004 by surrendering during such period the debenture, together with the form entitled "Options to Require Redemption on June 1, 2004" appearing on the reverse of the debenture duly completed, at the office of the Fiscal Agent in New York City (or at such other address of which the Fiscal Agent shall from time to time notify the holders of the debentures).

| Listed: | Not listed |
| :--- | :--- |
| Outstanding: | US\$3,500,000 |
| Common Code: | 002651904 |
| ISIN: | US716442AD02 |
| CUSIP: | 716442AD0 |

### 3.50\% Bonds due January 13, 2020

Payable in Euro Dollars

| Date of Issue: | January 13, 2010 |
| :---: | :---: |
| Interest Payable: | Annual on January 13 of each year |
| Payments: | Principal and interest are payable in euros in same-day funds. The regular record dates for interest payments are January 13 of each year. If the payment date is not a business day (New York, London, Toronto) then payment will be made the next following business day and no further interest will be paid due to the delay. |
| Denominations: | The bonds are in the form of a fully registered global bond deposited and registered in the name of Common Depository or its nominee. All bonds are recorded in a register maintained by the Registrar. |
|  | Beneficial interests in the global bond are represented through book-entry accounts of financial institutions acting on behalf of beneficial owners as direct and indirect participants in Clearstream, Luxembourg or Euroclear. |
|  | Except in limited circumstances, owners of beneficial interest in the global bonds will not be entitled to have bonds registered in their names and will not receive or be entitled to receive bonds in definitive form. |
|  | The bonds are sold in minimum denominations of $€ 1,000$ and integral multiples thereof. |
|  | Citibank N.A., London Branch (Fiscal Agent, Transfer Agent, Registrar and Principal Paying Agent) |
|  | The Bank of New York (Luxembourg) S.A., Luxembourg (Luxembourg Listing Agent, Paying Agent and Transfer Agent) |
| Other Provisions: | All payments of principal and interest will be made without deduction or withholding for or on account of any present or future taxes, duties, assessments or charges of whatsoever nature imposed or levied by or in Canada, unless Canada is required by law to deduct or withhold such taxes, duties, assessments or charges. |
|  | In such event, Canada will pay to the registered holders of the bonds such additional amounts as will result (after deduction or withholding of such taxes, duties, assessments or charges) in the receipt by holders of the bonds amounts which would otherwise have been payable if no such taxes, duties, assessments or charges had been imposed, except that no such additional amounts shall be payable to a beneficial owner of a bond who is subject to such taxes, duties, assessments or charges by reason of such owner being connected with Canada other than merely by the holding or ownership as a non-resident of Canada of such bond. |
| Issue Price: | 99.412 |
| Listed: | Luxembourg Euro MTF Market |
| Outstanding: | €2,000,000,000 |
| Common Code: | 047754372 |
| ISIN: | XS0477543721 |
| CUSIP: | N/A |

## 2.0\% Bonds due November 15, 2022

## Payable in US Dollars

| Date of Issue: | November 15, 2017 |
| :---: | :---: |
| Interest Payable: | Semi-annually on May 15 and November 15 |
| Denominations: | The bonds are in the form of global bonds registered in the name of the nominee of the Depository Trust Company and recorded in a register held by the Registrar. Beneficial interests in the global bonds are represented through book-entry accounts of financial institutions acting on behalf of beneficial owners as direct and indirect participants in the Depository Trust Company. Except in limited circumstances, owners of beneficial interest in the global bonds will not be entitled to have bonds registered in their names and will not receive or be entitled to receive bonds in definitive form. The bonds are sold in minimum denominations of US $\$ 5,000$ and integral multiples thereof. |
|  | Citibank N.A., New York, New York (Fiscal Agent, Transfer Agent, Registrar and Principal Paying Agent) |
|  | The Bank of New York Mellon (Luxembourg) S.A., Luxembourg (Luxembourg Listing Agent, Paying Agent and Transfer Agent) |
| Other Provisions: | All payments of principal and interest will be made without deduction or withholding for or on account of any present or future taxes, duties, assessments or charges of whatsoever nature imposed or levied by or in Canada, unless Canada is required by law to deduct or withhold such taxes, duties, assessments or charges. In such event, Canada will pay to the registered holders of the bonds such additional amounts as will result (after deduction or withholding of such taxes, duties, assessments or charges) in the receipt by holders of the bonds amounts which would otherwise have been payable if no such taxes, duties, assessments or charges had been imposed, except that no such additional amounts shall be payable to a beneficial owner of a bond who is subject to such taxes, duties, assessments or charges by reason of such owner being connected with Canada other than merely by the holding or ownerships a non-resident of Canada of such bond. |
| Issue Price: | 99.688 |
| Listed: | Luxembourg Euro MTF Market |
| Outstanding: | US\$3,000,000,000 |
| ISIN: | US135087H643 |
| CUSIP: | 135087 H64 |

## Section 3.1—Canada Savings Bonds

## General Characteristics

The following general characteristics apply to Canada Savings Bonds (CSBs):

- Since November 2012, Canada Savings Bonds have a term to maturity of three years and have been issued as compound interest " C " bonds.
- Issues from November 1997 to April 2000 inclusive had an original 10-year term to maturity, which was automatically extended a further 10 years at maturity.
- Principal and accrued interest, if applicable, are payable on demand without charge in lawful money of Canada at any office in Canada of an authorized sales agent.
- Monthly redemption values for the current year are available online in the Redemption Value Tables (S40) and updated regularly (or as required) by the Bank of Canada.
- Interest rates are guaranteed. However, if market conditions warrant, the rates can at any time be increased over a specified period.
- CSBs are non-transferable and non-assignable except in certain specific circumstances.
- CSBs are non-callable.
- Since November 2017, there have been no new sales of CSBs. Unmatured CSBs will continue to earn interest until the time of redemption or maturity, whichever comes first.
- Upon maturity, unredeemed CSBs purchased pursuant to the Payroll Savings Program are automatically paid out to the registered bond owner by cheque or direct deposit.
- CSBs purchased through financial institutions or investment dealers or by phone that have matured earn no additional interest and should be redeemed.


## Interest Payments

Bonds purchased pursuant to the Payroll Savings Program or PAD that are not registered bonds
i. accrue simple interest daily based on the daily closing principal balance outstanding, and interest is credited on each annual anniversary of the issue date for a series until the earlier of maturity of that series or redemption by the bondholder. When CSBs purchased pursuant to the Payroll Savings Program or PAD are redeemed in whole or in part prior to maturity, simple interest is also credited for the period between the last annual anniversary date and the date of redemption; and
ii. accrue, in addition to the simple interest described in (i), compound interest daily based on the daily closing credited interest balance outstanding for a series until the earlier of maturity of that series or redemption by the bondholder. Accrued compound interest is credited on each annual anniversary of the issue date for a series until the earlier of maturity of that series or redemption by the bondholder. Compound interest is initially payable only after the first annual anniversary of the issue date; but
iii. notwithstanding (ii), if CSBs purchased pursuant to the Payroll Savings Program or PAD were purchased using reinvested funds and are redeemed in whole or in part prior to maturity, accrued compound interest is also credited for the period between the last annual anniversary date and the date of redemption.

## Valid Forms of Registration

Canada Savings Bonds of all series can be registered only in the names of bona fide residents of Canada in the following manner:
i. in the name of one or more individuals in their own right, whether adult or minor, and if more than one individual owns the bonds, with right of survivorship; ${ }^{1}$
ii. in the name of the trust governed by the Canada Retirement Savings Plan or the Canada Retirement Income Fund;
iii. in the name of a trust governed by
a. a deferred profit-sharing plan (DPSP),
b. an employee profit-sharing plan (EPSP),
c. a registered retirement savings plan (RRSP),
d. a registered pension plan (RPP),
e. a registered retirement income fund (RRIF),
f. a registered education savings plan (RESP), or
g. a Tax-Free Savings Account (TFSA)
within the meaning assigned to these expressions by the Income Tax Act (Canada) and relevant provincial legislation;
iv. in any other form of registration that may be acceptable to the Minister of Finance; or $v$. in the name of CDS.

[^0]Table 3.1

| Maturity Date | Issue | Series | Estimated Outstanding (\$) Amount |
| :---: | :---: | :---: | :---: |
| Jan. 1, 2019 | 1999 | S56 | 750,814 |
| Feb. 1, 2019 | 1999 | S57 | 713,952 |
| Mar. 1, 2019 | 1999 | S58 | 1,128,609 |
| Apr. 1, 2019 | 1999 | S59 | 714,046 |
| Nov. 1, 2019 | 1999 | S60 | 31,983,313 |
| Dec. 1, 2019 | 1999 | S61 | 2,747,266 |
| Jan. 1, 2020 | 2000 | S62 | 1,245,891 |
| Feb. 1, 2020 | 2000 | S63 | 743,019 |
| Mar. 1, 2020 | 2000 | S64 | 1,210,832 |
| Apr. 1, 2020 | 2000 | S65 | 1,145,144 |
| Jan. 1, 2019 | 2009 | S116 | 5,788,449 |
| Feb. 1, 2019 | 2009 | S117 | 2,816,697 |
| Mar. 1, 2019 | 2009 | S118 | 3,685,355 |
| Apr. 1, 2019 | 2009 | S119 | 3,531,960 |
| Nov. 1, 2019 | 2009 | S120 | 74,541,545 |
| Dec. 1, 2019 | 2009 | S121 | 5,838,450 |
| Jan. 1, 2020 | 2010 | S122 | 1,263,427 |
| Feb. 1, 2020 | 2010 | S123 | 1,110,407 |
| Mar. 1, 2020 | 2010 | S124 | 1,410,109 |
| Apr. 1, 2020 | 2010 | S125 | 1,140,800 |
| Nov. 1, 2020 | 2010 | S126 | 108,418,136 |
| Dec. 1, 2020 | 2010 | S127 | 9,957,132 |
| Nov. 1, 2021 | 2011 | S128 | 127,771,832 |
| Dec. 1, 2021 | 2011 | S129 | 7,576,965 |
| Nov. 1, 2019 | 2016 | S134 | 369,393,711 |
| Nov. 1, 2020 | 2017 | S500 ${ }^{\text {a }}$ | 21,615,070 |
| Nov. 1, 2021 | 2018 | S501 ${ }^{\text {a }}$ | 35,863,822 |
| Total |  |  | 824,106,753 |

a. The linker series with the 500-series identifier are applicable only to CSBs held in The Canada RSP (purchased through the Payroll Savings Program) and The Canada RIF.

## Information by Series

## S56

1999 Series Maturing January 1, 2019
Date of Issue: January 1, 1999
Limit of Holdings:
A registered owner may not hold or have a total interest in the 1999 Series S56 in excess of \$200,000 principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.
Simple and Compound Interest:
$0.50 \%$ for the year beginning January 1, 2018
Outstanding: Refer to Table 3.1
Note: 10-year maturity extension to CSB Series S56 until January 1, 2019

## S57

1999 Series Maturing February 1, 2019
Date of Issue: February 1, 1999
Limit of Holdings:
A registered owner may not hold or have a total interest in the 1999 Series S 57 in excess of $\$ 200,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.

Simple and Compound Interest:
0.50\% for the year beginning February 1, 2018

Outstanding: Refer to Table 3.1
Note: 10-year maturity extension to CSB Series S57 until February 1, 2019

## S58

1999 Series Maturing March 1, 2019
Date of Issue: March 1, 1999
Limit of Holdings:
A registered owner may not hold or have a total interest in the 1999 Series S58 in excess of \$200,000 principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.
Simple and Compound Interest:
0.50\% for the year beginning March 1, 2018

Outstanding: Refer to Table 3.1
Note: 10-year maturity extension to CSB Series S58 until March 1, 2019

## S59

1999 Series Maturing April 1, 2019
Date of Issue: April 1, 1999
Limit of Holdings:
A registered owner may not hold or have a total interest in the 1999 Series S59 in excess of \$200,000 principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.
Simple and Compound Interest:
$0.50 \%$ for the year beginning April 1, 2018
Outstanding: Refer to Table 3.1
Note: 10-year maturity extension to CSB Series S59 until April 1, 2019

## S60

1999 Series Maturing November 1, 2019
Date of Issue: November 1, 1999
Limit of Holdings:
A registered owner may not hold or have a total interest in the 1999 Series S60 in excess of \$200,000 principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.

Simple and Compound Interest:
0.50\% for the year beginning November 1, 2018

Outstanding: Refer to Table 3.1
Note: 10-year maturity extension to CSB Series S60 until November 1, 2019

S61
1999 Series Maturing December 1, 2019
Date of Issue: December 1, 1999
Limit of Holdings:
A registered owner may not hold or have a total interest in the 1999 Series S61 in excess of \$200,000 principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.

Simple and Compound Interest:
0.50\% for the year beginning December 1, 2018

Outstanding: Refer to Table 3.1
Note: 10-year maturity extension to CSB Series S61 until December 1, 2019

## S62

2000 Series Maturing January 1, 2020
Date of Issue: January 1, 2000
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2000 Series 562 in excess of $\$ 200,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.
Simple and Compound Interest:
$0.50 \%$ for the year beginning January 1, 2018
0.50\% for the year beginning January 1, 2019

Outstanding: Refer to Table 3.1
Note: 10-year maturity extension to CSB Series S62 until January 1, 2020

S63
2000 Series Maturing February 1, 2020
Date of Issue: February 1, 2000
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2000 Series S63 in excess of \$200,000 principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.

Simple and Compound Interest:
$0.50 \%$ for the year beginning February 1, 2018
0.50\% for the year beginning February 1, 2019

Outstanding: Refer to Table 3.1
Note: 10-year maturity extension to CSB Series S63 until February 1, 2020

S64
2000 Series Maturing March 1, 2020
Date of Issue: March 1, 2000
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2000 Series S 64 in excess of $\$ 200,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.

Simple and Compound Interest:
$0.50 \%$ for the year beginning March 1, 2018
$0.50 \%$ for the year beginning March 1, 2019
Outstanding: Refer to Table 3.1
Note: 10-year maturity extension to CSB Series S64 until March 1, 2020

S65
2000 Series Maturing April 1, 2020
Date of Issue: April 1, 2000
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2000 Series S 65 in excess of $\$ 200,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.

Simple and Compound Interest:
0.50\% for the year beginning April 1, 2018

Rates for the remaining years to maturity will be announced at a future time.
Outstanding: Refer to Table 3.1
Note: 10-year maturity extension to CSB Series S65 until April 1, 2020
S116
2009 Series Maturing January 1, 2019
Date of Issue: January 1, 2009
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2009 Series S116 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.
Simple and Compound Interest:
0.50\% for the year beginning January 1, 2018

Outstanding: Refer to Table 3.1
S117
2009 Series Maturing February 1, 2019
Date of Issue: February 1, 2009
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2009 Series S117 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.
Simple and Compound Interest:
0.50\% for the year beginning February 1, 2018

Outstanding: Refer to Table 3.1
S118
2009 Series Maturing March 1, 2019
Date of Issue: March 1, 2009
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2009 Series S118 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.
Simple and Compound Interest:
0.50\% for the year beginning March 1, 2018

Outstanding: Refer to Table 3.1

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BANK OF CANADA • SUMMARY OF GOVERNMENT OF CANADA DIRECT SECURITIES AND LOANS • OUTSTANDING AS AT DECEMBER 31, 2018

S119
2009 Series Maturing April 1, 2019
Date of Issue: April 1, 2009
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2009 Series S119 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.

Simple and Compound Interest:
$0.50 \%$ for the year beginning April 1, 2018
Outstanding: Refer to Table 3.1

## S120

2009 Series Maturing November 1, 2019
Date of Issue: November 1, 2009
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2009 Series S120 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.

Simple and Compound Interest:
0.50\% for the year beginning November 1, 2018

Outstanding: Refer to Table 3.1

## S121

2009 Series Maturing December 1, 2019
Date of Issue: December 1, 2009
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2009 Series S121 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.

Simple and Compound Interest:
0.50\% for the year beginning December 1, 2018

Outstanding: Refer to Table 3.1

## S122

2010 Series Maturing January 1, 2020
Date of Issue: January 1, 2010
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2010 Series S122 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.
Simple and Compound Interest:
0.50\% for the year beginning January 1, 2018
0.50\% for the year beginning January 1, 2019

Outstanding: Refer to Table 3.1

S123
2010 Series Maturing February 1, 2020
Date of Issue: February 1, 2010
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2010 Series S123 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.

Simple and Compound Interest:
0.50\% for the year beginning February 1, 2018
0.50\% for the year beginning February 1, 2019

Outstanding: Refer to Table 3.1
S124
2010 Series Maturing March 1, 2020
Date of Issue: March 1, 2010
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2010 Series S124 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.
Simple and Compound Interest:
$0.50 \%$ for the year beginning March 1, 2018
0.50\% for the year beginning March 1, 2019

Outstanding: Refer to Table 3.1
S125
2010 Series Maturing April 1, 2020
Date of Issue: April 1, 2010
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2010 Series S125 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.
Simple and Compound Interest:
0.50\% for the year beginning April 1, 2018

Rates for the remaining years to maturity will be announced at a future time.
Outstanding: Refer to Table 3.1
S126
2010 Series Maturing November 1, 2020
Date of Issue: November 1, 2010
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2010 Series S126 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.
Simple and Compound Interest:
0.50\% for the year beginning November 1, 2018

Rates for the remaining years to maturity will be announced at a future time.
Outstanding: Refer to Table 3.1

S127
2010 Series Maturing December 1, 2020
Date of Issue: December 1, 2010
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2010 Series S127 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.

Simple and Compound Interest:
0.50\% for the year beginning December 1, 2018

Rates for the remaining years to maturity will be announced at a future time.
Outstanding: Refer to Table 3.1

## S128

2011 Series Maturing November 1, 2021
Date of Issue: November 1, 2011
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2011 Series S128 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner, or through reinvestment of the face value and interest of the Canada Savings Bond and Canada Premium Bond issues maturing in 2011.
Simple and Compound Interest:
0.50\% for the year beginning November 1, 2018

Rates for the remaining years to maturity will be announced at a future time.
Outstanding: Refer to Table 3.1

## S129

2011 Series Maturing December 1, 2021
Date of Issue: December 1, 2011
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2011 Series S129 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner, or through reinvestment of the face value and interest of the Canada Savings Bond and Canada Premium Bond issues maturing in 2011.
Simple and Compound Interest:
0.50\% for the year beginning December 1, 2018

Rates for the remaining years to maturity will be announced at a future time.
Outstanding: Refer to Table 3.1

S134
2016 Series Maturing November 1, 2019
Date of Issue: November 1, 2016
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2016 Series S134 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner, or through reinvestment of the face value and interest of the Canada Savings Bond issues maturing in 2016.

Compound Interest:
0.50\% for the year beginning November 1, 2018

Outstanding: Refer to Table 3.1

S500²
2017 Series Maturing November 1, 2020
Date of Issue: November 1, 2017
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2017 Series 5501 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner, or through reinvestment of the face value and interest of the Canada Savings Bond issues maturing in 2016.
Compound Interest:
0.50\% for the year beginning November 1, 2018

Rates for the remaining years to maturity will be announced at a future time.
Outstanding: Refer to Table 3.1
S501 ${ }^{2}$
2018 Series Maturing November 1, 2021
Date of Issue: November 1, 2018
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2018 Series 5501 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner, or through reinvestment of the face value and interest of the Canada Savings Bond issues maturing in 2016.
Compound Interest:
0.50\% for the year beginning November 1, 2018

Rates for the remaining years to maturity will be announced at a future time.
Outstanding: Refer to Table 3.1

[^1]
## Section 3.2-Canada Premium Bonds

## General Characteristics

The following general characteristics apply to Canada Premium Bonds (CPBs):

- Since the November 2012 issue, CPBs have a term to maturity of three years.
- Issues from November 2000 to December 2011 had a 10-year term to maturity.
- Issues from November 1998 to April 2000 had an original 10-year term to maturity, which was automatically extended a further 10 years at maturity.
- CPBs were issued in two forms: regular interest "R" bonds and compound interest "C" bonds.
- CPBs are cashable at any time with interest paid up to the last annual anniversary date of the bond. CPBs redeemed during the 30 days following the annual anniversary of the issue date do not receive interest for the period following the annual anniversary date.
- Principal and accrued interest, if applicable, are payable without charge in lawful money of Canada at any office in Canada of an authorized sales agent.
- Redemption values for the current year are available online in the Redemption Value Tables (S40) and updated regularly (or as required) by the Bank of Canada.
- Interest rates are guaranteed. However, if market conditions warrant, the rates can at any time be increased for a specified period.
- CPBs are non-transferable and non-assignable except in certain specific circumstances.
- CPBs are non-callable.
- Since November 2017, there have been no new sales of CPBs. Unmatured CPBs will continue to earn interest until the time of redemption or maturity, whichever comes first.
- Upon maturity, CPBs earn no additional interest and should be redeemed.


## Interest Payments

## Regular Interest "R" Bonds (beginning with Series P3)

Regular interest bonds accrue simple interest monthly, based on the monthly closing principal balance outstanding, and the interest is credited on each annual anniversary of the issue date for a particular series until the earlier of maturity of that particular series or redemption by the registered owner. Simple interest shall be payable to the registered owner on each annual anniversary of the issue date for a particular series until maturity. When the bond is redeemed prior to maturity, simple interest is payable to the registered owner up to the last annual anniversary date of the bond.

## Compound Interest "C" Bonds

Compound interest bonds accrue, in addition to simple interest, compound interest monthly based on the monthly closing credited interest balance outstanding for a particular series until the earlier of maturity of that particular series or redemption by the registered owner. Accrued compound interest is credited on each annual anniversary of the issue date for a particular series until maturity. When the bond is redeemed prior to maturity, simple and compound interest is payable to the registered owner up to the last annual anniversary date of the bond.

Denominations and Serial Letters

|  | $\$ 100$ | $\$ 300$ | $\$ 500$ | $\$ 1,000$ | $\$ 5,000$ | $\$ 10,000$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Regular Interest (RS) | - | J | Z | M | V | L |
| Compound Interest (CS) | F | N | G | P | R | K |

## Closing of Books for Interest (R-bonds)

Last business day of the 10th month following the issue date of the bond or anniversary of the issue date.

## Valid Forms of Registration

Canada Premium Bonds of all series can be registered only in the names of bona fide residents of Canada in the following manner:
i. in the name of one or more individuals in their own right, whether adult or minor, and if more than one individual owns the bonds, with right of survivorship; ${ }^{1}$
ii. in the name of the trust governed by the Canada Retirement Savings Plan or the Canada Retirement Income Fund;
iii. in the name of a trust governed by
a. a deferred profit-sharing plan (DPSP),
b. an employee profit-sharing plan (EPSP),
c. a registered retirement savings plan (RRSP),
d. a registered pension plan (RPP),
e. a registered retirement income fund (RRIF),
f. a registered education savings plan (RESP), or
g. a Tax-Free Savings Account (TFSA)
within the meaning assigned to these expressions by the Income Tax Act (Canada) and relevant provincial legislation;
iv. in any other form of registration that may be acceptable to the Minister of Finance; or
$v$. in the name of CDS.

[^2]Table 3.2

| Maturity Date | Issue | Series | Estimated Outstanding (\$) Amount |
| :---: | :---: | :---: | :---: |
| Jan. 1, 2019 | 1999 | P5 | 2,855,197 |
| Feb. 1, 2019 | 1999 | P6 | 1,832,204 |
| Mar. 1, 2019 | 1999 | P7 | 9,338,291 |
| Apr. 1, 2019 | 1999 | P8 | 6,418,543 |
| Nov. 1, 2019 | 1999 | P9 | 32,298,745 |
| Dec. 1, 2019 | 1999 | P10 | 10,274,718 |
| Jan. 1, 2020 | 2000 | P11 | 4,207,784 |
| Feb. 1, 2020 | 2000 | P12 | 3,288,530 |
| Mar. 1, 2020 | 2000 | P13 | 7,238,682 |
| Apr. 1, 2020 | 2000 | P14 | 8,291,012 |
| Jan. 1, 2019 | 2009 | P66 | 15,107,365 |
| Feb. 1, 2019 | 2009 | P67 | 6,989,804 |
| Mar. 1, 2019 | 2009 | P68 | 8,398,844 |
| Apr. 1, 2019 | 2009 | P69 | 9,280,644 |
| Nov. 1, 2019 | 2009 | P70 | 31,951,016 |
| Dec. 1, 2019 | 2009 | P71 | 20,484,876 |
| Jan. 1, 2020 | 2010 | P72 | 8,019,473 |
| Feb. 1, 2020 | 2010 | P73 | 6,981,631 |
| Mar. 1, 2020 | 2010 | P74 | 5,304,553 |
| Apr. 1, 2020 | 2010 | P75 | 4,995,186 |
| Nov. 1, 2020 | 2010 | P76 | 46,106,250 |
| Dec. 1, 2020 | 2010 | P77 | 33,738,656 |
| Nov. 1, 2021 | 2011 | P78 | 59,136,076 |
| Dec. 1, 2021 | 2011 | P79 | 29,717,756 |
| Nov. 1, 2019 | 2016 | P88 | 76,802,479 |
| Dec. 1, 2019 | 2016 | P89 | 28,360,935 |
| Nov. 1, 2020 | 2017 | P550 ${ }^{\text {a }}$ | 32,230,982 |
| Dec. 1, 2020 | 2017 | P551 ${ }^{\text {a }}$ | 1,416,362 |
| Nov. 1, 2021 | 2018 | P552 ${ }^{\text {a }}$ | 31,383,846 |
| Dec. 1, 2021 | 2018 | P553 ${ }^{\text {a }}$ | 3,376,653 |
| Total |  |  | 545,827,093 |

a. The linker series with the 500 series identifier are applicable only to CPBs held in The Canada RSP and The Canada RIF.

## Information by Series

P5
1999 Series Maturing January 1, 2019
Date of Issue: January 1, 1999
Limit of Holdings:
A registered owner may not hold or have a total interest in the 1999 Series P5 in excess of \$200,000 principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.

Simple and Compound Interest:
0.80\% for the year beginning January 1, 2018

Outstanding: Refer to Table 3.2
Note: 10-year maturity extension to CPB Series P5 until January 1, 2019

## P6

1999 Series Maturing February 1, 2019
Date of Issue: February 1, 1999
Limit of Holdings:
A registered owner may not hold or have a total interest in the 1999 Series P6 in excess of \$200,000 principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.
Simple and Compound Interest:
0.80\% for the year beginning February 1, 2018

Outstanding: Refer to Table 3.2
Note: 10-year maturity extension to CPB Series P6 until February 1, 2019

P7
1999 Series Maturing March 1, 2019
Date of Issue: March 1, 1999
Limit of Holdings:
A registered owner may not hold or have a total interest in the 1999 Series P7 in excess of \$200,000 principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.
Simple and Compound Interest:
0.80\% for the year beginning March 1, 2018

Outstanding: Refer to Table 3.2
Note: 10-year maturity extension to CPB Series P7 until March 1, 2019

P8
1999 Series Maturing April 1, 2019
Date of Issue: April 1, 1999
Limit of Holdings:
A registered owner may not hold or have a total interest in the 1999 Series P8 in excess of \$200,000 principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.
Simple and Compound Interest:
$0.80 \%$ for the year beginning April 1, 2018
Outstanding: Refer to Table 3.2
Note: 10-year maturity extension to CPB Series P8 until April 1, 2019

## P9

1999 Series Maturing November 1, 2019
Date of Issue: November 1, 1999
Limit of Holdings:
A registered owner may not hold or have a total interest in the 1999 Series P9 in excess of \$200,000 principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.
Simple and Compound Interest:
1.10\% for the year beginning November 1, 2018

Outstanding: Refer to Table 3.2
Note: 10-year maturity extension to CPB Series P9 until November 1, 2019

## P10

1999 Series Maturing December 1, 2019
Date of Issue: December 1, 1999
Limit of Holdings:
A registered owner may not hold or have a total interest in the 1999 Series P10 in excess of $\$ 200,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.
Simple and Compound Interest:
1.25\% for the year beginning December 1, 2018

Outstanding: Refer to Table 3.2
Note: 10-year maturity extension to CPB Series P10 until December 1, 2019

## P11

2000 Series Maturing January 1, 2020
Date of Issue: January 1, 2000
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2000 Series P11 in excess of \$200,000 principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.
Simple and Compound Interest:
0.90\% for the year beginning January 1, 2018
1.25\% for the year beginning January 1, 2019

Outstanding: Refer to Table 3.2
Note: 10-year maturity extension to CPB Series P11 until January 1, 2020

## P12

2000 Series Maturing February 1, 2020
Date of Issue: February 1, 2000
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2000 Series P12 in excess of $\$ 200,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.
Simple and Compound Interest:
0.90\% for the year beginning February 1, 2018
1.25\% for the year beginning February 1, 2019

Outstanding: Refer to Table 3.2
Note: 10-year maturity extension to CPB Series P12 until February 1, 2020

P13
2000 Series Maturing March 1, 2020
Date of Issue: March 1, 2000
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2000 Series P13 in excess of \$200,000 principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.

Simple and Compound Interest:
0.90\% for the year beginning March 1, 2018
1.25\% for the year beginning March 1, 2019

Outstanding: Refer to Table 3.2
Note: 10-year maturity extension to CPB Series P13 until March 1, 2020

## P14

2000 Series Maturing April 1, 2020
Date of Issue: April 1, 2000
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2000 Series P14 in excess of $\$ 200,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.
Simple and Compound Interest:
$0.90 \%$ for the year beginning April 1, 2018
Rates for the remaining years to maturity will be announced at a future time.
Outstanding: Refer to Table 3.2
Note: 10-year maturity extension to CPB Series P14 until April 1, 2020

P66
2009 Series Maturing January 1, 2019
Date of Issue: January 1, 2009
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2009 Series P66 in excess of \$500,000 principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.
Simple and Compound Interest:
0.80\% for the year beginning January 1, 2018

Outstanding: Refer to Table 3.2

P67
2009 Series Maturing February 1, 2019
Date of Issue: February 1, 2009
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2009 Series P67 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.
Simple and Compound Interest:
0.80\% for the year beginning February 1, 2018

Outstanding: Refer to Table 3.2

P68
2009 Series Maturing March 1, 2019
Date of Issue: March 1, 2009
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2009 Series P68 in excess of \$500,000 principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.

Simple and Compound Interest:
$0.80 \%$ for the year beginning March 1, 2018
Outstanding: Refer to Table 3.2
P69
2009 Series Maturing April 1, 2019
Date of Issue: April 1, 2009
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2009 Series P69 in excess of \$500,000 principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.

Simple and Compound Interest:
0.80\% for the year beginning April 1, 2018

Outstanding: Refer to Table 3.2
P70
2009 Series Maturing November 1, 2019
Date of Issue: November 1, 2009
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2009 Series P70 in excess of \$500,000 principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.

Simple and Compound Interest:
1.10\% for the year beginning November 1, 2018

Outstanding: Refer to Table 3.2
P71
2009 Series Maturing December 1, 2019
Date of Issue: December 1, 2009
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2009 Series P71 in excess of \$500,000 principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.
Simple and Compound Interest:
1.25\% for the year beginning December 1, 2018

Outstanding: Refer to Table 3.2

P72
2010 Series Maturing January 1, 2020
Date of Issue: January 1, 2010
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2010 Series P72 in excess of \$500,000 principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.

Simple and Compound Interest:
0.90\% for the year beginning January 1, 2018
1.25\% for the year beginning January 1, 2019

Outstanding: Refer to Table 3.2

P73
2010 Series Maturing February 1, 2020
Date of Issue: February 1, 2010
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2010 Series P73 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.
Simple and Compound Interest:
0.90\% for the year beginning February 1, 2018
1.25\% for the year beginning February 1, 2019

Outstanding: Refer to Table 3.2

P74
2010 Series Maturing March 1, 2020
Date of Issue: March 1, 2010
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2010 Series P74 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.
Simple and Compound Interest:
0.90\% for the year beginning March 1, 2018
1.25\% for the year beginning March 1, 2019

Outstanding: Refer to Table 3.2

P75
2010 Series Maturing April 1, 2020
Date of Issue: April 1, 2010
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2010 Series P75 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.

Simple and Compound Interest:
$0.90 \%$ for the year beginning April 1, 2018
Rates for the remaining years to maturity will be announced at a future time.
Outstanding: Refer to Table 3.2

P76
2010 Series Maturing November 1, 2020
Date of Issue: November 1, 2010
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2010 Series P76 in excess of \$500,000 principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.

Simple and Compound Interest:
1.00\% for the year beginning November 1, 2018

Rates for the remaining years to maturity will be announced at a future time.
Outstanding: Refer to Table 3.2

P77
2010 Series Maturing December 1, 2020
Date of Issue: December 1, 2010
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2010 Series P77 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner.
Simple and Compound Interest:
1.00\% for the year beginning December 1, 2018

Rates for the remaining years to maturity will be announced at a future time.
Outstanding: Refer to Table 3.2

P78
2011 Series Maturing November 1, 2021
Date of Issue: November 1, 2011
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2011 Series P78 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner, or through reinvestment of the face value and interest of the Canada Savings Bond and Canada Premium Bond issues maturing in 2011.

Simple and Compound Interest:
0.90\% for the year beginning November 1, 2018
1.00\% for the year beginning November 1, 2019

Rates for the remaining years to maturity will be announced at a future time.
Outstanding: Refer to Table 3.2

P79
2011 Series Maturing December 1, 2021
Date of Issue: December 1, 2011
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2011 Series P79 in excess of \$500,000 principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner, or through reinvestment of the face value and interest of the Canada Savings Bond and Canada Premium Bond issues maturing in 2011.

Simple and Compound Interest:
0.90\% for the year beginning December 1, 2018
1.00\% for the year beginning December 1, 2019

Rates for the remaining years to maturity will be announced at a future time.
Outstanding: Refer to Table 3.2

P88
2016 Series Maturing November 1, 2019
Date of Issue: November 1, 2016
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2016 Series P88 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner, or through reinvestment of the face value and interest of the Canada Savings Bond and Canada Premium Bond issues maturing in 2016.

Simple and Compound Interest:
1.00\% for the year beginning November 1, 2018

Outstanding: Refer to Table 3.2

## P89

2016 Series Maturing December 1, 2019
Date of Issue: December 1, 2016
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2016 Series P89 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner, or through reinvestment of the face value and interest of the Canada Savings Bond and Canada Premium Bond issues maturing in 2016.

Simple and Compound Interest:
1.00\% for the year beginning December 1, 2018

Outstanding: Refer to Table 3.2

P550 ${ }^{2}$
2017 Series Maturing November 1, 2020
Date of Issue: November 1, 2017
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2017 Series P550 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner, or through reinvestment of the face value and interest of the Canada Savings Bond and Canada Premium Bond issues maturing in 2016.
Simple and Compound Interest:
0.90\% for the year beginning November 1, 2018
1.00\% for the year beginning November 1, 2019

Rates for the remaining years to maturity will be announced at a future time.
Outstanding: Refer to Table 3.2

P551 ${ }^{2}$
2017 Series Maturing December 1, 2020
Date of Issue: December 1, 2017
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2017 Series P551 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner, or through reinvestment of the face value and interest of the Canada Savings Bond and Canada Premium Bond issues maturing in 2016.
Simple and Compound Interest:
0.90\% for the year beginning December 1, 2018
1.00\% for the year beginning December 1, 2019

Rates for the remaining years to maturity will be announced at a future time.
Outstanding: Refer to Table 3.2

P552 ${ }^{2}$
2018 Series Maturing November 1, 2021
Date of Issue: November 1, 2018
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2018 Series P552 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner, or through reinvestment of the face value and interest of the Canada Savings Bond and Canada Premium Bond issues maturing in 2016.

Simple and Compound Interest:
1.10\% for the year beginning November 1, 2018
1.20\% for the year beginning November 1, 2019
1.30\% for the year beginning November 1, 2020

Outstanding: Refer to Table 3.2

Date of Issue: December 1, 2018
Limit of Holdings:
A registered owner may not hold or have a total interest in the 2018 Series P553 in excess of $\$ 500,000$ principal amount per type of registration, except where bonds in excess of this amount are acquired by survivorship or inheritance upon the death of the registered owner, or through reinvestment of the face value and interest of the Canada Savings Bond and Canada Premium Bond issues maturing in 2016.
Simple and Compound Interest:
1.25\% for the year beginning December 1, 2018
1.35\% for the year beginning December 1, 2019
1.45\% for the year beginning December 1, 2020

Outstanding: Refer to Table 3.2

[^3]
[^0]:    ${ }^{1}$ Province of Quebec: The term "with right of survivorship" is not applicable under current law.

[^1]:    ${ }^{2}$ The linker series with the 500-series identifier are applicable only to CSBs held in The Canada RSP (purchased through the Payroll Savings Program) and The Canada RIF.

[^2]:    ${ }^{1}$ Province of Quebec: The term "with right of survivorship" is not applicable under current law.

[^3]:    ${ }^{2}$ The linker series with the 500 series identifier are applicable only to CPBs held in The Canada RSP and The Canada RIF.

