



## Term Debt Issues

Term debt outstanding as of March 13, 2019

| Bond Transaction Information |            |             |                        |                 | Bond Issue Information |               |             |          |              |
|------------------------------|------------|-------------|------------------------|-----------------|------------------------|---------------|-------------|----------|--------------|
| Trade Date                   | Settlement | Par Amount  | Effective Cost of Debt | Debt Purpose    | Bond Type              | Maturity Date | Coupon Rate | Currency | ISIN         |
| Oct 25/05                    | Nov 1/05   | 54,000,000  | 4.430%                 | On-lending      | Bond                   | Jun 1/19      | 4.43%       | CAD      |              |
| Sep 26/08                    | Oct 3/08   | 86,432,000  | 4.900%                 | On-lending      | Bond                   | Jan 15/22     | 4.90%       | CAD      |              |
| Sep 26/08                    | Oct 3/08   | 86,431,000  | 4.950%                 | On-lending      | Bond                   | Jan 15/23     | 4.95%       | CAD      |              |
| Sep 26/08                    | Oct 3/08   | 86,431,000  | 4.970%                 | On-lending      | Bond                   | Jan 15/24     | 4.97%       | CAD      |              |
| Sep 21/09                    | Sep 28/09  | 600,000,000 | 4.172%                 | Government      | Bond                   | Dec 1/19      | 4.00%       | CAD      | CA013051CZ83 |
| Oct 26/09                    | Nov 2/09   | 32,457,000  | 4.150%                 | On-lending      | Bond                   | Nov 2/19      | 4.15%       | CAD      |              |
| Nov 24/09                    | Dec 1/09   | 6,652,000   | 3.880%                 | On-lending      | Bond                   | Nov 2/19      | 3.88%       | CAD      |              |
| Dec 9/09                     | Dec 16/09  | 350,000,000 | 3.996%                 | TPP liabilities | Bond                   | Dec 1/19      | 4.00%       | CAD      | CA013051CZ83 |
| Jan 20/10                    | Jan 27/10  | 600,000,000 | 4.590%                 | TPP liabilities | Bond                   | Dec 1/2040    | 4.50%       | CAD      | CA013051DB07 |
| Sep 28/10                    | Oct 5/10   | 150,000,000 | 3.377%                 | On-lending      | Bond                   | Dec 1/19      | 4.00%       | CAD      | CA013051CZ83 |
| Feb 22/11                    | Mar 1/11   | 100,000,000 | 3.940%                 | On-lending      | Bond                   | Mar 1/21      | 3.94%       | CAD      |              |
| Apr 13/11                    | Apr 18/11  | 30,000,000  | 4.353%                 | On-lending      | Bond                   | Jun 1/26      | 4.30%       | CAD      | CA01306ZCP41 |
| Oct 27/11                    | Nov 3/11   | 45,000,000  | 3.570%                 | On-lending      | Bond                   | Nov 3/26      | 3.57%       | CAD      |              |
| Jan 17/12                    | Jan 20/12  | 100,000,000 | 2.896%                 | On-lending      | Bond                   | Jan 19/24     | 2.85%       | CAD      | CA01306ZCU36 |
| Feb 27/12                    | Mar 2/12   | 120,000,000 | 3.030%                 | On-lending      | Bond                   | Mar 2/25      | 3.03%       | CAD      |              |
| Feb 27/12                    | Mar 2/12   | 120,000,000 | 3.100%                 | On-lending      | Bond                   | Mar 2/26      | 3.10%       | CAD      |              |
| Feb 27/12                    | Mar 2/12   | 40,721,000  | 3.170%                 | On-lending      | Bond                   | Mar 2/27      | 3.17%       | CAD      |              |
| Jul 18/12                    | Jul 23/12  | 100,000,000 | 2.977%                 | On-lending      | Bond                   | Sep 20/29     | 2.90%       | CAD      | CA01306ZCV19 |
| Aug 10/12                    | Aug 17/12  | 30,000,000  | 3.008%                 | On-lending      | Bond                   | Sep 20/29     | 2.90%       | CAD      | CA01306ZCV19 |
| Aug 23/12                    | Aug 30/12  | 720,000,000 | 2.649%                 | On-lending      | Bond                   | Dec 15/22     | 2.55%       | CAD      | CA013051DG93 |
| Sep 7/12                     | Sep 12/12  | 170,000,000 | 3.053%                 | On-lending      | Bond                   | Sep 20/29     | 2.90%       | CAD      | CA01306ZCV19 |
| Sep 17/12                    | Sep 24/12  | 600,000,000 | 2.730%                 | On-lending      | Bond                   | Dec 15/22     | 2.55%       | CAD      | CA013051DG93 |
| Nov 8/12                     | Nov 14/12  | 125,000,000 | 3.036%                 | On-lending      | Bond                   | Sep 20/29     | 2.90%       | CAD      | CA01306ZCV19 |



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| Bond Transaction Information |            |             |                        |              | Bond Issue Information |               |                    |          |              |
|------------------------------|------------|-------------|------------------------|--------------|------------------------|---------------|--------------------|----------|--------------|
| Trade Date                   | Settlement | Par Amount  | Effective Cost of Debt | Debt Purpose | Bond Type              | Maturity Date | Coupon Rate        | Currency | ISIN         |
| Nov 30/12                    | Dec 7/12   | 275,000,000 | 2.135%                 | On-lending   | Bond                   | Dec 1/19      | 4.00%              | CAD      | CA013051CZ83 |
| Jan 25/13                    | Jan 30/13  | 247,700,000 | 3.190%                 | Government   | Bond                   | Sep 20/29     | 2.90%              | CAD      | CA01306ZCV19 |
| Feb 25/13                    | Mar 1/13   | 196,110,000 | 3.410%                 | Government   | Bond                   | Mar 1/2033    | 3.41%              | CAD      |              |
| Mar 12/13                    | Mar 19/13  | 500,000,000 | 2.766%                 | Government   | Bond                   | Dec 15/22     | 2.55%              | CAD      | CA013051DG93 |
| Jun 4/13                     | Jun 11/13  | 500,000,000 | 3.515%                 | Government   | Bond                   | Dec 1/2043    | 3.45%              | CAD      | CA013051DK06 |
| Jun 10/13                    | Jun 17/13  | 100,000,000 | 3 mo. CDOR + 0.140%    | On-lending   | Floating Rate Note     | Jun 17/20     | 3 mo. CDOR + 0.13% | CAD      | CA01306ZCZ23 |
| Jun 11/13                    | Jun 17/13  | 65,000,000  | 3 mo. CDOR + 0.140%    | On-lending   | Floating Rate Note     | Jun 17/20     | 3 mo. CDOR + 0.13% | CAD      | CA01306ZCZ23 |
| Jul 23/13                    | Jul 26/13  | 500,000,000 | 3.580%                 | Government   | Bond                   | Sep 20/29     | 2.90%              | CAD      | CA01306ZCV19 |
| Jul 23/13                    | Jul 26/13  | 325,000,000 | 3.590%                 | Government   | Bond                   | Sep 20/29     | 2.90%              | CAD      | CA01306ZCV19 |
| Sep 6/13                     | Sep 11/13  | 50,000,000  | 3.991%                 | On-lending   | Bond                   | Sep 20/29     | 2.90%              | CAD      | CA01306ZCV19 |
| Sep 11/13                    | Sep 16/13  | 50,000,000  | 4.049%                 | On-lending   | Bond                   | Sep 20/29     | 2.90%              | CAD      | CA01306ZCV19 |
| Sep 24/13                    | Sep 30/13  | 500,000,000 | 3.510%                 | Government   | Bond                   | Dec 1/23      | 3.40%              | CAD      | CA013051DL88 |
| Oct 28/13                    | Nov 2/13   | 60,000,000  | 3.905%                 | Government   | Bond                   | Nov 2/2037    | 3.905%             | CAD      |              |
| Oct 29/13                    | Nov 5/13   | 500,000,000 | 3.955%                 | Government   | Bond                   | Dec 1/2043    | 3.45%              | CAD      | CA013051DK06 |
| Nov 5/13                     | Nov 13/13  | 150,000,000 | 3.804%                 | On-lending   | Bond                   | Sep 20/29     | 2.90%              | CAD      | CA01306ZCV19 |
| Nov 20/13                    | Nov 27/13  | 140,000,000 | 3.950%                 | Government   | Bond                   | Dec 1/2033    | 3.90%              | CAD      | CA01306ZDC29 |
| Nov 20/13                    | Nov 25/13  | 325,000,000 | 3.950%                 | Government   | Bond                   | Dec 1/2033    | 3.90%              | CAD      | CA01306ZDC29 |
| Dec 4/13                     | Dec 9/13   | 200,000,000 | 4.039%                 | On-lending   | Bond                   | Dec 1/2033    | 3.90%              | CAD      | CA01306ZDC29 |
| Dec 5/13                     | Dec 10/13  | 110,000,000 | 4.059%                 | On-lending   | Bond                   | Dec 1/2033    | 3.90%              | CAD      | CA01306ZDC29 |
| Dec 6/13                     | Dec 11/13  | 215,000,000 | 4.058%                 | On-lending   | Bond                   | Dec 1/2033    | 3.90%              | CAD      | CA01306ZDC29 |
| Dec 10/13                    | Dec 16/13  | 225,000,000 | 3.945%                 | On-lending   | Bond                   | Dec 1/2033    | 3.90%              | CAD      | CA01306ZDC29 |
| Jan 29/14                    | Feb 3/14   | 110,000,000 | 3.682%                 | On-lending   | Bond                   | Dec 1/2033    | 3.90%              | CAD      | CA01306ZDC29 |
| Jan 30/14                    | Feb 4/14   | 140,000,000 | 3.675%                 | On-lending   | Bond                   | Dec 1/2033    | 3.90%              | CAD      | CA01306ZDC29 |



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| Bond Transaction Information |            |               |                        |              | Bond Issue Information |               |                    |          |              |
|------------------------------|------------|---------------|------------------------|--------------|------------------------|---------------|--------------------|----------|--------------|
| Trade Date                   | Settlement | Par Amount    | Effective Cost of Debt | Debt Purpose | Bond Type              | Maturity Date | Coupon Rate        | Currency | ISIN         |
| Feb 12/14                    | Feb 20/14  | 50,000,000    | 3.200%                 | On-lending   | Bond                   | Dec 1/23      | 3.40%              | CAD      | CA013051DL88 |
| Mar 26/14                    | Apr 2/14   | 600,000,000   | 3.188%                 | Government   | Bond                   | Jun 1/24      | 3.10%              | CAD      | CA013051DM61 |
| Apr 11/14                    | Apr 17/14  | 500,000,000   | 3.806%                 | Government   | Bond                   | Dec 1/2043    | 3.45%              | CAD      | CA013051DK06 |
| Apr 29/14                    | May 8/14   | 25,000,000    | 3.493%                 | Government   | Bond                   | May 8/29      | 3.47%              | CAD      | XS1065087394 |
| May 5/14                     | May 12/14  | 200,000,000   | 2.093%                 | On-lending   | Bond                   | Jun 1/19      | 2.00%              | CAD      | CA013051DN45 |
| May 5/14                     | May 12/14  | 300,000,000   | 2.093%                 | Government   | Bond                   | Jun 1/19      | 2.00%              | CAD      | CA013051DN45 |
| May 22/14                    | May 29/14  | 500,000,000   | 3.695%                 | Government   | Bond                   | Dec 1/2043    | 3.45%              | CAD      | CA013051DK06 |
| Jun 11/14                    | Jun 16/14  | 1,268,000,000 | 3.487%                 | On-lending   | Bond                   | Jun 1/2031    | 3.50%              | CAD      | CA01306ZDF59 |
| Jun 24/14                    | Jun 27/14  | 50,000,000    | 1.957%                 | On-lending   | Bond                   | Jun 1/19      | 1.75%              | CAD      | CA01306ZDG33 |
| Jun 25/14                    | Jun 27/14  | 50,000,000    | 2.679%                 | On-lending   | Bond                   | Dec 15/22     | 2.40%              | CAD      | CA01306ZDH16 |
| Sep 25/14                    | Oct 2/14   | 291,414,000   | 3.170%                 | Government   | Bond                   | Oct 2/29      | 3.17%              | CAD      |              |
| Oct 28/14                    | Nov 3/14   | 25,000,000    | 3.117%                 | On-lending   | Bond                   | Nov 3/29      | 3.117%             | CAD      |              |
| Jan 14/15                    | Jan 21/15  | 500,000,000   | 2.453%                 | Government   | Bond                   | Jun 1/25      | 2.35%              | CAD      | CA013051DQ75 |
| Feb 5/15                     | Feb 12/15  | 500,000,000   | 2.034%                 | Government   | Bond                   | Jun 1/25      | 2.35%              | CAD      | CA013051DQ75 |
| Feb 17/15                    | Feb 24/15  | 200,000,000   | 1.325%                 | On-lending   | Bond                   | Jun 1/20      | 1.25%              | CAD      | CA013051DR58 |
| Feb 17/15                    | Feb 24/15  | 300,000,000   | 1.325%                 | Government   | Bond                   | Jun 1/20      | 1.25%              | CAD      | CA013051DR58 |
| Mar 12/15                    | Mar 17/15  | 500,000,000   | 2.228%                 | Government   | Bond                   | Jun 1/25      | 2.35%              | CAD      | CA013051DQ75 |
| Mar 17/15                    | Mar 20/15  | 500,000,000   | 2.884%                 | Government   | Bond                   | Dec 1/2043    | 3.45%              | CAD      | CA013051DK06 |
| May 26/15                    | Jun 1/15   | 29,000,000    | 3.020%                 | Government   | Bond                   | Nov 1/2035    | 3.02%              | CAD      |              |
| Jun 4/15                     | Jun 11/15  | 600,000,000   | 1.562%                 | On-lending   | Bond                   | Jun 1/20      | 1.25%              | CAD      | CA013051DR58 |
| Jun 5/15                     | Jun 10/15  | 135,000,000   | 3 mo. CDOR + 0.140%    | On-lending   | Floating Rate Note     | Jun 17/20     | 3 mo. CDOR + 0.13% | CAD      | CA01306ZCZ23 |
| Jun 5/15                     | Jun 10/15  | 100,000,000   | 3 mo. CDOR + 0.140%    | On-lending   | Floating Rate Note     | Jun 17/20     | 3 mo. CDOR + 0.13% | CAD      | CA01306ZCZ23 |
| Jun 5/15                     | Jun 10/15  | 80,000,000    | 3 mo. CDOR + 0.140%    | On-lending   | Floating Rate Note     | Jun 17/20     | 3 mo. CDOR + 0.13% | CAD      | CA01306ZCZ23 |



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|------------------------------|------------|---------------|------------------------|--------------|------------------------|---------------|-------------|----------|--------------|
| Trade Date                   | Settlement | Par Amount    | Effective Cost of Debt | Debt Purpose | Bond Type              | Maturity Date | Coupon Rate | Currency | ISIN         |
| Jul 23/15                    | Jul 28/15  | 500,000,000   | 2.339%                 | Government   | Bond                   | Jun 1/25      | 2.35%       | CAD      | CA013051DQ75 |
| Aug 5/15                     | Aug 10/15  | 200,000,000   | 2.111%                 | Government   | Bond                   | Jun 1/24      | 3.10%       | CAD      | CA013051DM61 |
| Aug 19/15                    | Aug 26/15  | 1,250,000,000 | 1.873%                 | Government   | Bond                   | Aug 26/20     | 1.75%       | USD      | CA01306GAB91 |
| Sep 1/15                     | Sep 10/15  | 50,000,000    | 1.782%                 | Government   | Bond                   | Dec 3/2040    | 1.782%      | EUR      | XS1288314799 |
| Sep 9/15                     | Sep 14/15  | 108,961,000   | 3.332%                 | Government   | Bond                   | Dec 1/2046    | 3.30%       | CAD      | CA013051DS32 |
| Sep 9/15                     | Sep 14/15  | 391,039,000   | 3.332%                 | Government   | Bond                   | Dec 1/2046    | 3.30%       | CAD      | CA013051DS32 |
| Sep 16/15                    | Sep 21/15  | 375,000,000   | 1.499%                 | Government   | Bond                   | Jun 1/20      | 1.25%       | CAD      | CA013051DR58 |
| Sep 16/15                    | Sep 21/15  | 125,000,000   | 1.499%                 | On-lending   | Bond                   | Jun 1/20      | 1.25%       | CAD      | CA013051DR58 |
| Oct 9/15                     | Oct 15/15  | 750,000,000   | 2.587%                 | Government   | Bond                   | Jun 1/25      | 2.35%       | CAD      | CA013051DQ75 |
| Oct 15/15                    | Oct 20/15  | 500,000,000   | 1.519%                 | On-lending   | Bond                   | Jun 1/20      | 1.25%       | CAD      | CA013051DR58 |
| Oct 15/15                    | Oct 20/15  | 250,000,000   | 1.519%                 | Government   | Bond                   | Jun 1/20      | 1.25%       | CAD      | CA013051DR58 |
| Oct 15/15                    | Oct 22/15  | 76,000,000    | 1.897%                 | Government   | Bond                   | Dec 3/2040    | 1.782%      | EUR      | XS1288314799 |
| Oct 26/15                    | Nov 2/15   | 58,000,000    | 2.073%                 | On-lending   | Bond                   | Nov 2/23      | 2.073%      | CAD      |              |
| Nov 25/15                    | Nov 30/15  | 500,000,000   | 1.564%                 | Government   | Bond                   | Jun 1/20      | 1.25%       | CAD      | CA013051DR58 |
| Dec 1/15                     | Dec 8/15   | 76,000,000    | 1.829%                 | Government   | Bond                   | Dec 3/2040    | 1.782%      | EUR      | XS1288314799 |
| Jan 25/16                    | Jan 28/16  | 200,000,000   | 2.545%                 | Government   | Bond                   | Jun 1/25      | 2.35%       | CAD      | CA013051DQ75 |
| Jan 25/16                    | Jan 28/16  | 300,000,000   | 2.545%                 | On-lending   | Bond                   | Jun 1/25      | 2.35%       | CAD      | CA013051DQ75 |
| Jan 29/16                    | Feb 5/16   | 500,000,000   | 1.890%                 | Government   | Bond                   | Apr 6/21      | 1.85%       | USD      | XS1358922034 |
| Feb 23/16                    | Feb 26/16  | 500,000,000   | 3.319%                 | Government   | Bond                   | Dec 1/2046    | 3.30%       | CAD      | CA013051DS32 |
| Mar 15/16                    | Mar 18/16  | 600,000,000   | 3.376%                 | Government   | Bond                   | Dec 1/2046    | 3.30%       | CAD      | CA013051DS32 |
| May 24/16                    | May 27/16  | 1,000,000,000 | 3.293%                 | Government   | Bond                   | Dec 1/2046    | 3.30%       | CAD      | CA013051DS32 |
| Jun 3/16                     | Jun 14/16  | 125,000,000   | 3.220%                 | On-lending   | Bond                   | Dec 14/26     | 3.10%       | AUD      | AU3CB0237949 |
| Jun 14/16                    | Jun 17/16  | 762,000,000   | 2.297%                 | Government   | Bond                   | Jun 1/26      | 2.20%       | CAD      | CA013051DT15 |



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|------------------------------|------------|---------------|------------------------|--------------|------------------------|---------------|-------------|----------|--------------|
| Trade Date                   | Settlement | Par Amount    | Effective Cost of Debt | Debt Purpose | Bond Type              | Maturity Date | Coupon Rate | Currency | ISIN         |
| Jun 14/16                    | Jun 17/16  | 438,000,000   | 2.297%                 | Government   | Bond                   | Jun 1/26      | 2.20%       | CAD      | CA013051DT15 |
| Jun 16/16                    | Jun 21/16  | 1,900,000,000 | 1.423%                 | Government   | Bond                   | Sep 1/21      | 1.35%       | CAD      | CA013051DU87 |
| Aug 8/16                     | Aug 11/16  | 100,000,000   | 2.089%                 | On-lending   | Bond                   | Jun 1/26      | 2.20%       | CAD      | CA013051DT15 |
| Aug 8/16                     | Aug 11/16  | 400,000,000   | 2.089%                 | Government   | Bond                   | Jun 1/26      | 2.20%       | CAD      | CA013051DT15 |
| Aug 8/16                     | Aug 11/16  | 500,000,000   | 2.089%                 | On-lending   | Bond                   | Jun 1/26      | 2.20%       | CAD      | CA013051DT15 |
| Aug 10/16                    | Aug 17/16  | 600,000,000   | 2.115%                 | On-lending   | Bond                   | Aug 17/26     | 2.05%       | USD      | US01306GAC78 |
| Aug 10/16                    | Aug 17/16  | 400,000,000   | 2.115%                 | Government   | Bond                   | Aug 17/26     | 2.05%       | USD      | US01306GAC78 |
| Sep 8/16                     | Sep 13/16  | 600,000,000   | 2.838%                 | Government   | Bond                   | Dec 1/2046    | 3.30%       | CAD      | CA013051DS32 |
| Sep 9/16                     | Sep 16/16  | 175,000,000   | 1.180%                 | On-lending   | Bond                   | Dec 1/2043    | 1.15%       | EUR      | XS1492138729 |
| Oct 6/16                     | Oct 12/16  | 95,000,000    | 1.415%                 | On-lending   | Bond                   | Sep 1/21      | 1.35%       | CAD      | CA013051DU87 |
| Oct 6/16                     | Oct 12/16  | 830,000,000   | 1.415%                 | Government   | Bond                   | Sep 1/21      | 1.35%       | CAD      | CA013051DU87 |
| Oct 17/16                    | Oct 20/16  | 700,000,000   | 3.006%                 | Government   | Bond                   | Dec 1/2046    | 3.30%       | CAD      | CA013051DS32 |
| Oct 19/16                    | Oct 26/16  | 75,000,000    | 3.115%                 | Government   | Bond                   | Dec 14/26     | 3.10%       | AUD      | AU3CB0237949 |
| Nov 3/16                     | Nov 8/16   | 800,000,000   | 2.233%                 | Government   | Bond                   | Jun 1/26      | 2.20%       | CAD      | CA013051DT15 |
| Nov 30/16                    | Dec 5/16   | 300,000,000   | 2.557%                 | On-lending   | Bond                   | Jun 1/26      | 2.20%       | CAD      | CA013051DT15 |
| Nov 30/16                    | Dec 5/16   | 200,000,000   | 2.557%                 | On-lending   | Bond                   | Jun 1/26      | 2.20%       | CAD      | CA013051DT15 |
| Dec 1/16                     | Dec 8/16   | 2,250,000,000 | 1.951%                 | Government   | Bond                   | Dec 6/19      | 1.90%       | USD      | US013051DV68 |
| Dec 13/16                    | Dec 21/16  | 165,000,000   | 1.875%                 | Government   | Bond                   | Dec 1/2043    | 1.15%       | EUR      | XS1492138729 |
| Dec 13/16                    | Dec 21/16  | 45,000,000    | 1.946%                 | Government   | Bond                   | Dec 1/2043    | 1.15%       | EUR      | XS1492138729 |
| Dec 13/16                    | Dec 16/16  | 600,000,000   | 3.452%                 | Government   | Bond                   | Dec 1/2046    | 3.30%       | CAD      | CA013051DS32 |
| Jan 27/17                    | Feb 3/17   | 50,000,000    | 1.913%                 | On-lending   | Bond                   | Dec 1/2043    | 1.15%       | EUR      | XS1492138729 |
| Feb 16/17                    | Feb 22/17  | 650,000,000   | 1.070%                 | On-lending   | Bond                   | Nov 15/21     | 1.00%       | GBP      | XS1570025111 |
| Feb 28/17                    | Mar 3/17   | 600,000,000   | 2.611%                 | Government   | Bond                   | Jun 1/27      | 2.55%       | CAD      | CA013051DW44 |



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| Trade Date                   | Settlement | Par Amount    | Effective Cost of Debt | Debt Purpose | Bond Type              | Maturity Date | Coupon Rate | Currency | ISIN         |
| Mar 29/17                    | Apr 3/17   | 700,000,000   | 3.374%                 | Government   | Bond                   | Dec 1/2046    | 3.30%       | CAD      | CA013051DS32 |
| Apr 24/17                    | Apr 27/17  | 300,000,000   | 2.498%                 | On-lending   | Bond                   | Jun 1/27      | 2.55%       | CAD      | CA013051DW44 |
| Apr 24/17                    | Apr 27/17  | 300,000,000   | 2.498%                 | Government   | Bond                   | Jun 1/27      | 2.55%       | CAD      | CA013051DW44 |
| May 4/17                     | May 9/17   | 450,000,000   | 1.725%                 | Government   | Bond                   | Sep 1/22      | 1.60%       | CAD      | CA013051DX2  |
| May 4/17                     | May 9/17   | 300,000,000   | 1.725%                 | On-lending   | Bond                   | Sep 1/22      | 1.60%       | CAD      | CA013051DX2  |
| May 30/17                    | Jun 2/17   | 900,000,000   | 3.081%                 | Government   | Bond                   | Dec 1/2048    | 3.05%       | CAD      | CA013051DY00 |
| Jun 7/17                     | Jun 12/17  | 900,000,000   | 3.010%                 | Government   | Bond                   | Dec 1/2048    | 3.05%       | CAD      | CA013051DY00 |
| Jul 17/17                    | Jul 20/17  | 500,000,000   | 3.237%                 | Government   | Bond                   | Dec 1/2048    | 3.05%       | CAD      | CA013051DY00 |
| Jul 19/17                    | Jul 26/17  | 1,500,000,000 | 2.257%                 | Government   | Bond                   | Jul 26/22     | 2.20%       | USD      | US013051DZ72 |
| Jul 26/17                    | Jul 31/17  | 350,000,000   | 2.828%                 | On-lending   | Bond                   | Jun 1/27      | 2.55%       | CAD      | CA013051DW44 |
| Jul 26/17                    | Jul 31/17  | 350,000,000   | 2.828%                 | Government   | Bond                   | Jun 1/27      | 2.55%       | CAD      | CA013051DW44 |
| Aug 1/17                     | Aug 8/17   | 150,000,000   | 0.952%                 | Government   | Bond                   | Nov 15/21     | 1.00%       | GBP      | XS1570025111 |
| Sep 5/17                     | Sep 8/17   | 600,000,000   | 3.221%                 | Government   | Bond                   | Dec 1/2048    | 3.05%       | CAD      | CA013051DY00 |
| Sep 19/17                    | Sep 22/17  | 1,200,000,000 | 3.389%                 | Government   | Bond                   | Dec 1/2048    | 3.05%       | CAD      | CA013051DY00 |
| Oct 4/17                     | Oct 11/17  | 50,000,000    | 3.495%                 | On-lending   | Bond                   | Dec 14/26     | 3.10%       | AUD      | AU3CB0237949 |
| Oct 4/17                     | Oct 11/17  | 250,000,000   | 3.688%                 | On-lending   | Bond                   | Apr 11/28     | 3.60%       | AUD      | AU3CB0247815 |
| Oct 26/17                    | Nov 2/17   | 60,000,000    | 3.168%                 | On-lending   | Bond                   | Nov 2/2037    | 3.168%      | CAD      |              |
| Oct 30/17                    | Nov 2/17   | 100,000,000   | 2.755%                 | On-lending   | Bond                   | Jun 1/27      | 2.55%       | CAD      | CA013051DW44 |
| Oct 30/17                    | Nov 2/17   | 300,000,000   | 2.755%                 | On-lending   | Bond                   | Jun 1/27      | 2.55%       | CAD      | CA013051DW44 |
| Oct 30/17                    | Nov 2/17   | 300,000,000   | 2.755%                 | On-lending   | Bond                   | Jun 1/27      | 2.55%       | CAD      | CA013051DW44 |
| Nov 17/17                    | Nov 22/17  | 200,000,000   | 3.105%                 | On-lending   | Bond                   | Dec 1/2048    | 3.05%       | CAD      | CA013051DY00 |
| Nov 17/17                    | Nov 22/17  | 300,000,000   | 3.105%                 | Government   | Bond                   | Dec 1/2048    | 3.05%       | CAD      | CA013051DY00 |
| Dec 7/17                     | Dec 14/17  | 60,000,000    | 3.205%                 | On-lending   | Bond                   | Apr 11/28     | 3.60%       | AUD      | AU3CB0247815 |



## Term Debt Issues

Term debt outstanding as of March 13, 2019

| Bond Transaction Information |            |               |                        |              | Bond Issue Information |               |             |          |               |
|------------------------------|------------|---------------|------------------------|--------------|------------------------|---------------|-------------|----------|---------------|
| Trade Date                   | Settlement | Par Amount    | Effective Cost of Debt | Debt Purpose | Bond Type              | Maturity Date | Coupon Rate | Currency | ISIN          |
| Jan 16/18                    | Jan 19/18  | 500,000,000   | 3.131%                 | Government   | Bond                   | Dec 1/2048    | 3.05%       | CAD      | CA013051DY00  |
| Jan 16/18                    | Jan 19/18  | 200,000,000   | 3.131%                 | On-lending   | Bond                   | Dec 1/2048    | 3.05%       | CAD      | CA013051DY00  |
| Jan 17/18                    | Jan 24/18  | 50,000,000    | 3.445%                 | Government   | Bond                   | Apr 11/28     | 3.60%       | AUD      | AU3CB0247815  |
| Jan 19/18                    | Jan 29/18  | 55,000,000    | 3.435%                 | Government   | Bond                   | Dec 14/26     | 3.10%       | AUD      | AU3CB0237949  |
| Feb 20/18                    | Feb 27/18  | 200,000,000   | 3.345%                 | Government   | Bond                   | Dec 14/26     | 3.10%       | AUD      | AU3CB0237949  |
| Mar 8/18                     | Mar 15/18  | 1,250,000,000 | 3.342%                 | Government   | Bond                   | Mar 15/28     | 3.30%       | USD      | US013051EA13  |
| Apr 11/18                    | Apr 18/18  | 1,500,000,000 | 0.696%                 | Government   | Bond                   | Apr 18/25     | 0.625%      | EUR      |               |
| Apr 16/18                    | Apr 19/18  | 300,000,000   | 3.031%                 | Government   | Bond                   | Jun 1/27      | 2.55%       | CAD      | CA013051DW44  |
| Apr 16/18                    | Apr 19/18  | 300,000,000   | 3.031%                 | On-lending   | Bond                   | Jun 1/27      | 2.55%       | CAD      | CA013051DW44  |
| Apr 20/18                    | Apr 27/18  | 50,000,000    | 3.385%                 | Government   | Bond                   | Apr 11/28     | 3.60%       | AUD      | AU3CB0247815  |
| May 15/18                    | May 18/18  | 200,000,000   | 3.347%                 | On-lending   | Bond                   | Dec 1/2048    | 3.05%       | CAD      | CA013051DY00  |
| May 15/18                    | May 18/18  | 700,000,000   | 3.347%                 | Government   | Bond                   | Dec 1/2048    | 3.05%       | CAD      | CA013051DY00  |
| Jun 4/18                     | Jun 7/18   | 900,000,000   | 3.002%                 | On-lending   | Bond                   | Dec 1/28      | 2.90%       | CAD      | CA013051EB97  |
| Jul 13/18                    | Jul 18/18  | 700,000,000   | 3.046%                 | Government   | Bond                   | Dec 1/2048    | 3.05%       | CAD      | CA013051DY00  |
| Aug 14/18                    | Aug 17/18  | 500,000,000   | 2.720%                 | On-lending   | Bond                   | Sep 1/23      | 2.65%       | CAD      | CA0130051EC70 |
| Aug 14/18                    | Aug 17/18  | 750,000,000   | 2.720%                 | Government   | Bond                   | Sep 1/23      | 2.65%       | CAD      | CA0130051EC70 |
| Sep 12/18                    | Sep 17/18  | 500,000,000   | 3.141%                 | Government   | Bond                   | Jun 1/2050    | 3.10%       | CAD      | CA013051ED53  |
| Oct 2/18                     | Oct 5/18   | 100,000,000   | 3.130%                 | On-lending   | Bond                   | Dec 1/28      | 2.90%       | CAD      | CA013051EB97  |
| Oct 2/18                     | Oct 5/18   | 300,000,000   | 3.130%                 | Government   | Bond                   | Dec 1/28      | 2.90%       | CAD      | CA013051EB97  |
| Oct 2/18                     | Oct 5/18   | 500,000,000   | 3.130%                 | On-lending   | Bond                   | Dec 1/28      | 2.90%       | CAD      | CA013051EB97  |
| Oct 25/18                    | Nov 1/18   | 2,050,000,000 | 3.399%                 | Government   | Bond                   | Nov 1/23      | 3.35%       | USD      | US013051EE35  |
| Oct 25/18                    | Nov 1/18   | 200,000,000   | 3.399%                 | On-lending   | Bond                   | Nov 1/23      | 3.35%       | USD      | US013051EE35  |
| Oct 26/18                    | Nov 2/18   | 25,000,000    | 3.262%                 | Government   | Bond                   | Nov 2/2037    | 3.262%      | CAD      |               |



## Term Debt Issues

Term debt outstanding as of March 13, 2019

| Bond Transaction Information                   |            |               |                        |              | Bond Issue Information |               |             |          |              |
|--|------------|---------------|------------------------|--------------|------------------------|---------------|-------------|----------|--------------|
| Trade Date                                     | Settlement | Par Amount    | Effective Cost of Debt | Debt Purpose | Bond Type              | Maturity Date | Coupon Rate | Currency | ISIN         |
| Dec 12/18                                      | Dec 17/18  | 500,000,000   | 3.308%                 | Government   | Bond                   | Jun 1/2050    | 3.10%       | CAD      | CA013051ED53 |
| Jan 9/19                                       | Jan 16/19  | 1,250,000,000 | 0.700%                 | Government   | Bond                   | Jan 16/26     | 0.625%      | EUR      |              |
| Jan 15/19                                      | Jan 23/19  | 1,750,000,000 | 3.006%                 | Government   | Bond                   | Jan 23/24     | 2.95%       | USD      |              |
| Jan 17/19                                      | Feb 7/19   | 325,000,000   | 0.397%                 | Government   | Bond                   | Feb 7/29      | 0.375%      | CHF      | CH0457206826 |
| Jan 22/19                                      | Jan 29/19  | 250,000,000   | 1.554%                 | Government   | Bond                   | Dec 15/22     | 1.50%       | GBP      | XS1941905736 |
| Jan 23/19                                      | Feb 4/19   | 50,000,000    | 3.028%                 | Government   | Bond                   | Apr 11/28     | 3.60%       | AUD      | AU3CB0247815 |
| Feb 1/19                                       | Feb 6/19   | 400,000,000   | 2.845%                 | Government   | Bond                   | Dec 1/28      | 2.90%       | CAD      | CA013051EB97 |
| Feb 1/19                                       | Feb 6/19   | 100,000,000   | 2.845%                 | On-lending   | Bond                   | Dec 1/28      | 2.90%       | CAD      | CA013051EB97 |
| Feb 12/19                                      | Feb 20/19  | 1,100,000,000 | 1.403%                 | Government   | Bond                   | Feb 20/29     | 1.4025%     | SEK      | XS1944412318 |
| Feb 12/19                                      | Feb 20/19  | 1,400,000,000 | 1.403%                 | On-lending   | Bond                   | Feb 20/29     | 1.4025%     | SEK      | XS1944412318 |
| Feb 12/19                                      | Feb 15/19  | 500,000,000   | 3.173%                 | Government   | Bond                   | Jun 1/2050    | 3.10%       | CAD      | CA013051ED53 |
| Feb 19/19                                      | Feb 26/19  | 750,000,000   | 8.050%                 | Government   | Bond                   | Feb 26/24     | 8.05%       | ZAR      | XS1956190265 |
| Feb 20/19                                      | Feb 25/19  | 1,000,000,000 | 2.763%                 | Government   | Bond                   | Dec 1/28      | 2.90%       | CAD      | CA013051EB97 |
| <b>Debt Transactions for Future Settlement</b> |            |               |                        |              |                        |               |             |          |              |
| Mar 13/19                                      | Mar 18/19  | 700,000,000   | 2.963%                 | Government   | Bond                   | Jun 1/2050    | 3.10%       | CAD      | CA013051ED53 |