

TORONTO DOMINION BANK  
Form 424B2  
January 17, 2019  
Filed Pursuant to Rule 424(b)(2)

**Registration Statement No. 333-211718**

The  
Toronto-Dominion  
Bank

\$1,008,000

Leveraged Capped  
S&P 500®  
Index-Linked  
Notes due  
September 15,  
2020

**The notes do not bear interest.** The amount that you will be paid on your notes on the maturity date (September 15, 2020) is based on the performance of the S&P 500® Index as measured from the pricing date (January 15, 2019) to and including the valuation date (September 11, 2020). If the final level on the valuation date is greater than the initial level of 2,610.30, the return on your notes will be positive, subject to the maximum payment amount of \$1,272.40 for each \$1,000 principal amount of your notes. If the final level is equal to the initial level, you will receive the principal amount of your notes. **If the final level is less than the initial level, the return on your notes will be negative and you will lose 1% of the principal amount of your notes for every 1% that the final level has declined below the initial level. You may lose your entire principal amount.**

To determine your payment at maturity, we will calculate the percentage change of the S&P 500® Index, which is the percentage increase or decrease in the final level from the initial level. At maturity, for each \$1,000 principal amount of your notes, you will receive an amount in cash equal to:

if the percentage change is positive (the final level is greater than the initial level), the *sum* of (i) \$1,000 *plus* (ii) the product of (a) \$1,000 *times* (b) 300.00% *times* (c) the percentage change, subject to the maximum payment amount;

if the percentage change is zero (the final level is equal to the initial level), \$1,000; or

if the percentage change is negative (the final level is less than the initial level), the sum of (i) \$1,000 *plus* (ii) the product of (a) \$1,000 *times* (b) the percentage change. **You will receive less than the principal amount of your notes.**

**The notes do not guarantee the return of principal at maturity.**

The notes are unsecured and are not savings accounts or insured deposits of a bank. The notes are not insured or guaranteed by the Canada Deposit Insurance Corporation, the U.S. Federal Deposit Insurance Corporation or any other governmental agency or instrumentality. Any payments on the notes are subject to our credit risk. The notes will not be listed or displayed on any securities exchange or electronic communications network.

**You should read the disclosure herein to better understand the terms and risks of your investment. See “Additional Risk Factors” beginning on page P-7 of this pricing supplement.**

**Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined that this pricing supplement, the product prospectus supplement or the prospectus is truthful or complete. Any representation to the contrary is a criminal offense.**

**The initial estimated value of the notes at the time the terms of your notes were set on the pricing date was \$997.00 per \$1,000 principal amount, which is less than the public offering price listed below. See “Additional Information Regarding the Estimated Value of the Notes” on the following page and “Additional Risk Factors” beginning on page P-7 of this document for additional information. The actual value of your notes at any time will reflect many factors and cannot be predicted with accuracy.**

	Public Offering Price <sup>1</sup>	Underwriting Discount <sup>1</sup>	Proceeds to TD
Per Note	\$1,000.00	\$0.00	\$1,000.00
Total	\$1,008,000.00	\$0.00	\$1,008,000.00

TD Securities (USA) LLC

Pricing Supplement dated January 15, 2019

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<sup>1</sup> See “Supplemental Plan of Distribution (Conflicts of Interest)” on page P-26 herein.

The public offering price, underwriting discount and proceeds to TD listed above relate to the notes we issue initially. We may decide to sell additional notes after the date of this pricing supplement, at public offering prices and with underwriting discounts and proceeds to TD that differ from the amounts set forth above. The return (whether positive or negative) on your investment in the notes will depend in part on the public offering price you pay for such notes.

We, TD Securities (USA) LLC (“TDS”) or any of our affiliates, may use this pricing supplement in the initial sale of the notes. In addition, we, TDS or any of our affiliates may use this pricing supplement in a market-making transaction in a note after its initial sale. **Unless we, TDS or any of our affiliates informs the purchaser otherwise in the confirmation of sale, this pricing supplement will be used in a market-making transaction.**

#### Additional Information Regarding the Estimated Value of the Notes

The final terms for the Notes were determined on the Pricing Date, based on prevailing market conditions and are set forth in this pricing supplement. The economic terms of the Notes are based on TD’s internal funding rate (which is TD’s internal borrowing rate based on variables such as market benchmarks and TD’s appetite for borrowing), and several factors, including any sales commissions expected to be paid to TDS, any selling concessions, discounts, commissions or fees expected to be allowed or paid to non-affiliated intermediaries, the estimated profit that TD or any of TD’s affiliates expect to earn in connection with structuring the Notes, the estimated cost TD may incur in hedging its obligations under the Notes and the estimated development and other costs which TD may incur in connection with the Notes. Because TD’s internal funding rate generally represents a discount from the levels at which TD’s benchmark debt securities trade in the secondary market, the use of an internal funding rate for the Notes rather than the levels at which TD’s benchmark debt securities trade in the secondary market is expected to have had an adverse effect on the economic terms of the Notes. On the cover page of this pricing supplement, TD has provided the initial estimated value for the Notes. This initial estimated value was determined by reference to TD’s internal pricing models which take into account a number of variables and are based on a number of assumptions, which may or may not materialize, typically including volatility, interest rates (forecasted, current and historical rates), price-sensitivity analysis, time to maturity of the Notes, and TD’s internal funding rate. For more information about the initial estimated value, see “Additional Risk Factors” beginning on page P-7. Because TD’s internal funding rate generally represents a discount from the levels at which TD’s benchmark debt securities trade in the secondary market, the use of an internal funding rate for the Notes rather than the levels at which TD’s benchmark debt securities trade in the secondary market is expected, assuming all other economic terms are held constant, to increase the estimated value of the Notes. For more information see the discussion under “Additional Risk Factors — TD’s and TDS’s Estimated Value of the Notes are Determined By Reference to TD’s Internal Funding Rates and are Not Determined By Reference to Credit Spreads or the Borrowing Rate TD Would Pay for its Conventional Fixed-Rate Debt Securities”.

TD’s estimated value on the Pricing Date is not a prediction of the price at which the Notes may trade in the secondary market, nor will it be the price at which TDS may buy or sell the Notes in the secondary market. Subject to normal market and funding conditions, TDS or another affiliate of TD’s intends to offer to purchase the Notes in the secondary market but it is not obligated to do so.

Assuming that all relevant factors remain constant after the Pricing Date, the price at which TDS may initially buy or sell the Notes in the secondary market, if any, may exceed TD’s estimated value on the Pricing Date for a temporary period expected to be approximately 3 months after the Pricing Date because, in its discretion, TD may elect to effectively reimburse to investors a portion of the estimated cost of hedging its obligations under the Notes and other costs in connection with the Notes which TD will no longer expect to incur over the term of the Notes. TD made such discretionary election and determined this temporary reimbursement period on the basis of a number of factors, including the tenor of the Notes and any agreement TD may have with the distributors of the Notes. The amount of TD’s estimated costs which is effectively reimbursed to investors in this way may not be allocated ratably throughout the reimbursement period, and TD may discontinue such reimbursement at any time or revise the duration of the reimbursement period after the Pricing Date of the Notes based on changes in market conditions and other factors that

cannot be predicted.

If a party other than TDS or its affiliates is buying or selling your Notes in the secondary market based on its own estimated value of your Notes which was calculated by reference to TD's credit spreads or the borrowing rate TD would pay for its conventional fixed-rate debt securities (as opposed to TD's internal funding rate), the price at which such party would buy or sell your Notes could be significantly lower.

**We urge you to read the "Additional Risk Factors" beginning on page P-7 of this pricing supplement.**

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## Summary

The information in this “Summary” section is qualified by the more detailed information set forth in this pricing supplement, the product prospectus supplement and the prospectus.

Issuer: The Toronto-Dominion Bank (“TD”)  
Issue: Senior Debt Securities, Series E  
Type of Note: Leveraged Capped Notes (the “Notes”)  
Term: Approximately 20 months  
Reference Asset: S&P 500<sup>®</sup> Index (Bloomberg Ticker: SPX)  
CUSIP / ISIN: 89114QHT8 / US89114QHT85  
Agent: TD Securities (USA) LLC (“TDS”)  
Currency: U.S. Dollars  
Minimum Investment: \$1,000 and minimum denominations of \$1,000 in excess thereof  
Principal Amount: \$1,000 per Note; \$1,008,000 in the aggregate for all the offered Notes; the aggregate Principal Amount of the offered Notes may be increased if the Issuer, at its sole option, decides to sell an additional amount of the offered Notes on a date subsequent to the date of this pricing supplement.  
Pricing Date: January 15, 2019  
Issue Date: January 23, 2019  
Valuation Date: September 11, 2020, subject to postponement for market disruption events and other disruptions, as described under “General Terms of the Notes—Valuation Date” on page PS-18 in the product prospectus supplement.  
Maturity Date: September 15, 2020, subject to postponement for market disruption events and other disruptions, as described under “General Terms of the Notes—Maturity Date” on page PS-18 in the product prospectus supplement. Notwithstanding anything to the contrary in the accompanying product prospectus supplement, if the Valuation Date is postponed due to a market disruption event as set forth in the accompanying product prospectus supplement, the Maturity Date will be postponed to the second Business Day after the postponed Valuation Date.

For each \$1,000 Principal Amount of the Notes, we will pay you on the Maturity Date an amount in cash equal to:

if the Final Level is *greater than or equal to* the Cap Level, the Maximum Payment Amount;

if the Final Level is *greater than* the Initial Level but *less than* the Cap Level, the *sum* of (i) \$1,000 *plus* (ii) the *product* of (a) \$1,000 *times* (b) the Leverage Factor *times* (c) the Percentage Change;

Payment at Maturity: if the Final Level is *equal to* the Initial Level, \$1,000; or

if the Final Level is *less than* the Initial Level, the *sum* of (i) \$1,000 *plus* (ii) the *product* of (a) \$1,000 *times* (b) the Percentage Change.

**If the Final Level is less than the Initial Level, the investor will receive less than the Principal Amount of the Notes at maturity and may lose their entire Principal Amount.**

All amounts used in or resulting from any calculation relating to the Notes, including the Payment at Maturity, will be rounded upward or downward as appropriate, to the nearest cent.

**Leverage Factor:** 300.00%

**Cap Level:** 109.08% of the Initial Level

**Maximum Payment Amount:** \$1,272.40 per \$1,000 Principal Amount of the Notes (127.24% of the Principal Amount of the Notes).

**Percentage Change:** As a result of the Maximum Payment Amount, the maximum return at maturity of the Notes is 27.24% of the Principal Amount of the Notes.

**Initial Level:** The *quotient* of (1) the Final Level *minus* the Initial Level *divided by* (2) the Initial Level, expressed as a percentage.

**Final Level:** 2,610.30

The Closing Level of the Reference Asset on the Valuation Date, except in the limited circumstances described under “General Terms of the Notes—Market Disruption Events” beginning on page PS-19 of the product prospectus supplement and subject to adjustment as provided under “General Terms of the Notes—Unavailability of the Level of the Reference Asset” beginning on page PS-18 of the product prospectus supplement.

**Closing Level:** The Closing Level of the Reference Asset will be the closing level of the Reference Asset or any successor index (as defined in the product prospectus supplement) on any Trading Day for the Reference Asset, as displayed on Bloomberg Professional® service (“Bloomberg”) page “SPX <INDEX>” or any successor page on Bloomberg or any successor service, as applicable.

**Limited events of default:** Notwithstanding anything to the contrary set forth in the prospectus, the only events of default for the Notes are expected to be (i) principal payment defaults that continue for 30 Business Days and (ii) certain bankruptcy, insolvency or reorganization events. No other breach or default under our indenture or the Notes will result in an event of default for the Notes or permit the trustee or holders to accelerate the maturity of any debt securities – that is, they will not be entitled to declare the Principal Amount of any Notes to be immediately due and payable. See “Additional Risk Factors— Notwithstanding Anything to the Contrary Set Forth in the Prospectus, the Indenture Will Provide Only Limited Acceleration and Enforcement Rights for the Notes”.

**Business Day:** Any day that is a Monday, Tuesday, Wednesday, Thursday or Friday that is neither a legal holiday nor a day on which banking institutions are authorized or required by law to close in New York City or Toronto.

**U.S. Tax Treatment:** By purchasing a Note, each holder agrees, in the absence of a statutory or regulatory change or an administrative determination or judicial ruling to the contrary, to characterize the Notes, for U.S. federal income tax purposes, as prepaid derivative contracts with respect to the Reference Asset. Based on certain factual representations received from us, our special U.S. tax counsel, Cadwalader, Wickersham & Taft LLP, is of the opinion that it would be reasonable to treat the Notes in the manner described above. However, because there is no authority that specifically addresses the tax treatment of the Notes, it is possible that your Notes could alternatively be treated for tax purposes as a single contingent payment debt instrument, or pursuant to some other characterization, such that the timing and character of your income from the Notes could differ materially and adversely from the treatment described above. Please see the discussion below under “Supplemental Discussion of U.S. Federal Income Tax Consequences”.

**Canadian Tax Treatment:** Please see the discussion in the product prospectus supplement under “Supplemental Discussion of Canadian Tax Consequences,” which applies to the Notes.

**Calculation Agent:** TD

**Listing:** The Notes will not be listed or displayed on any securities exchange or electronic communications network.

**Clearance and Settlement:** DTC global (including through its indirect participants Euroclear and Clearstream, Luxembourg) as described under “Forms of the Debt Securities” and “Book-Entry Procedures and Settlement” in the prospectus.

**Canadian Bail-in:** The Notes are not bail-inable notes under the Canada Deposit Insurance Corporation Act.

## Additional Terms of Your Notes

You should read this pricing supplement together with the prospectus, as supplemented by the product prospectus supplement, relating to our Senior Debt Securities, Series E, of which these Notes are a part. Capitalized terms used but not defined in this pricing supplement will have the meanings given to them in the product prospectus supplement. In the event of any conflict the following hierarchy will govern: first, this pricing supplement; second, the product prospectus supplement; and last, the prospectus. ***The Notes vary from the terms described in the product prospectus supplement in several important ways. You should read this pricing supplement carefully.***

This pricing supplement, together with the documents listed below, contains the terms of the Notes and supersedes all prior or contemporaneous oral statements as well as any other written materials including preliminary or indicative pricing terms, correspondence, trade ideas, structures for implementation, sample structures, brochures or other educational materials of ours. You should carefully consider, among other things, the matters set forth in “Additional Risk Factors” beginning on page P-7 of this pricing supplement, “Additional Risk Factors Specific to the Notes” beginning on page PS-5 of the product prospectus supplement and “Risk Factors” on page 1 of the prospectus, as the Notes involve risks not associated with conventional debt securities. We urge you to consult your investment, legal, tax, accounting and other advisors before you invest in the Notes. You may access these documents on the Securities and Exchange Commission (the “SEC”) website at [www.sec.gov](http://www.sec.gov) as follows (or if that address has changed, by reviewing our filings for the relevant date on the SEC website):

§ Prospectus dated June 30, 2016:

<https://www.sec.gov/Archives/edgar/data/947263/000119312516638441/d162493d424b3.htm>

§ Product Prospectus Supplement MLN-EI-1 dated June 30, 2016:

[https://www.sec.gov/Archives/edgar/data/947263/000089109216015847/e70323\\_424b2.htm](https://www.sec.gov/Archives/edgar/data/947263/000089109216015847/e70323_424b2.htm)

Our Central Index Key, or CIK, on the SEC website is 0000947263. As used in this pricing supplement, the “Bank,” “we,” “us,” or “our” refers to The Toronto-Dominion Bank and its subsidiaries. Alternatively, The Toronto-Dominion Bank, any agent or any dealer participating in this offering will arrange to send you the product prospectus supplement and the prospectus if you so request by calling 1-855-303-3234.



## Additional Risk Factors

The Notes involve risks not associated with an investment in conventional debt securities. This section describes the most significant risks relating to the terms of the Notes. For additional information as to these risks, please see “Additional Risk Factors Specific to the Notes” beginning on page PS-5 in the product prospectus supplement and “Risk Factors” on page 1 in the prospectus.

You should carefully consider whether the Notes are suited to your particular circumstances before you decide to purchase them. Accordingly, prospective investors should consult their investment, legal, tax, accounting and other advisors as to the risks entailed by an investment in the Notes and the suitability of the Notes in light of their particular circumstances.

### **Principal at Risk.**

Investors in the Notes could lose their entire Principal Amount if there is a decline in the level of the Reference Asset. If the Final Level is less than the Initial Level, you will lose a portion of each \$1,000 Principal Amount in an amount equal to the negative Percentage Change times \$1,000. Specifically, you will lose 1% of the Principal Amount of each of your Notes for every 1% that the Final Level is less than the Initial Level and you may lose your entire Principal Amount.

### **The Notes Do Not Pay Interest and Your Return on the Notes May Be Less Than the Return on Conventional Debt Securities of Comparable Maturity.**

There will be no periodic interest payments on the Notes as there would be on a conventional fixed-rate or floating-rate debt security having the same term. The return that you will receive on the Notes, which could be negative, may be less than the return you could earn on other investments. Even if your return is positive, your return may be less than the return you would earn if you bought a conventional senior interest bearing debt security of TD.

### **Your Potential Return on the Notes Is Limited by the Maximum Payment Amount and May Be Less Than the Return on a Direct Investment In the Reference Asset.**

The opportunity to participate in the possible increases in the level of the Reference Asset through an investment in the Notes will be limited because the Payment at Maturity will not exceed the Maximum Payment Amount. Furthermore, the effect of the Leverage Factor will not be taken into account for any Final Level exceeding the Cap Level no matter how much the level of the Reference Asset may rise above the Cap Level. Accordingly, your return on the Notes may be less than your return would be if you made an investment in a security directly linked to the performance of the Reference Asset.

### **Investors Are Subject to TD’s Credit Risk, and TD’s Credit Ratings and Credit Spreads May Adversely Affect the Market Value of the Notes.**

Although the return on the Notes will depend on the Final Level of the Reference Asset, the payment of any amount due on the Notes is subject to TD’s credit risk. The Notes are TD’s unsecured debt obligations. Investors are dependent on TD’s ability to pay all amounts due on the Notes on the Maturity Date and, therefore, investors are subject to the credit risk of TD and to changes in the market’s view of TD’s creditworthiness. Any decrease in TD’s credit ratings or increase in the credit spreads charged by the market for taking TD’s credit risk is likely to adversely affect the market value of the Notes. If TD becomes unable to meet its financial obligations as they become due, you may not receive any amounts due under the terms of the Notes.

**Notwithstanding Anything to the Contrary Set Forth in the Prospectus, the Indenture Will Provide Only Limited Acceleration and Enforcement Rights for the Notes.**

In connection with the implementation of certain Canadian federal statutes, and notwithstanding anything to the contrary set forth in the prospectus, the indenture under which the Notes are issued has been supplemented to provide that, for any Notes of a series issued on or after September 23, 2018, including the Notes offered by this pricing supplement, acceleration will only be permitted if (i) we default in the payment of the principal of, or interest on, any note of that series and, in each case, the default continues for a period of 30 Business Days, or (ii) certain bankruptcy, insolvency or reorganization events occur. As a result, before you invest in the Notes, you should consider the risk that your safeguards and your ability to effect remedies under the indenture will be limited. See “Events of Default” herein for additional information.

**The Agent Discount, if any, Offering Expenses and Certain Hedging Costs Are Likely to Adversely Affect Secondary Market Prices.**

Assuming no changes in market conditions or any other relevant factors, the price, if any, at which you may be able to sell the Notes will likely be lower than the public offering price. The public offering price includes, and any price quoted to you is likely to exclude, any underwriting discount paid in connection with the initial distribution, offering expenses as well as the cost of hedging our obligations under the Notes. In addition, any such price is also likely to reflect any dealer discounts, mark-ups and other transaction costs, such as a discount to account for costs associated with establishing or

unwinding any related hedge transaction. In addition, if the dealer from which you purchase Notes, or one of its affiliates, is to conduct hedging activities for us in connection with the Notes, that dealer, or one of its affiliates, may profit in connection with such hedging activities and such profit, if any, will be in addition to any compensation that the dealer receives for the sale of the Notes to you. You should be aware that the potential for the dealer or one of its affiliates to earn fees in connection with hedging activities may create a further incentive for the dealer to sell the Notes to you in addition to any compensation they would receive for the sale of the Notes.

**There May Not Be an Active Trading Market for the Notes — Sales in the Secondary Market May Result in Significant Losses.**

There may be little or no secondary market for the Notes. The Notes will not be listed or displayed on any securities exchange or electronic communications network. TDS and our affiliates may make a market for the Notes; however, they are not required to do so. TDS and our affiliates may stop any market-making activities at any time. Even if a secondary market for the Notes develops, it may not provide significant liquidity or trade at prices advantageous to you. We expect that transaction costs in any secondary market would be high. As a result, the difference between bid and ask prices for your Notes in any secondary market could be substantial.

If you sell your Notes before the Maturity Date, you may have to do so at a substantial discount from the public offering price irrespective of the level of the Reference Asset and, as a result, you may suffer substantial losses.

**If the Level of the Reference Asset Changes, the Market Value of Your Notes May Not Change in the Same Manner.**

Your Notes may trade quite differently from the performance of the Reference Asset. Changes in the level of the Reference Asset may not result in a comparable change in the market value of your Notes. Even if the level of the Reference Asset increases above the Initial Level during the life of the Notes, the market value of your Notes may not increase by the same amount and could decline.

**The Payment at Maturity Is Not Linked to the Level of the Reference Asset at Any Time Other than the Valuation Date.**

The Final Level will be the Closing Level of the Reference Asset on the Valuation Date (subject to adjustment as described elsewhere in this pricing supplement). Therefore, if the Closing Level of the Reference Asset dropped precipitously on the Valuation Date, the Payment at Maturity for your Notes may be significantly less than it would have been had the Payment at Maturity been linked to the Closing Level of the Reference Asset prior to such drop in the level of the Reference Asset. Although the actual level of the Reference Asset on the Maturity Date or at other times during the life of your Notes may be higher than the Final Level, you will benefit from the Closing Level of the Reference Asset only on the Valuation Date.

**We May Sell an Additional Aggregate Principal Amount of the Notes at a Different Public Offering Price.**

At our sole option, we may decide to sell an additional aggregate Principal Amount of the Notes subsequent to the date of this pricing supplement. The public offering price of the Notes in the subsequent sale may differ substantially (higher or lower) from the original public offering price you paid as provided on the cover of this pricing supplement.

**If You Purchase Your Notes at a Premium to Principal Amount, the Return on Your Investment Will Be Lower Than the Return on Notes Purchased at Principal Amount and the Impact of Certain Key Terms of the Notes Will be Negatively Affected.**

The Payment at Maturity will not be adjusted based on the public offering price you pay for the Notes. If you purchase Notes at a price that differs from the Principal Amount of the Notes, then the return on your investment in such Notes held to the Maturity Date will differ from, and may be substantially less than, the return on Notes purchased at Principal Amount. If you purchase your Notes at a premium to Principal Amount and hold them to the Maturity Date, the return on your investment in the Notes will be lower than it would have been had you purchased the Notes at Principal Amount or a discount to Principal Amount. In addition, the impact of the Cap Level on the return on your investment will depend upon the price you pay for your Notes relative to Principal Amount. For example, if you purchase your Notes at a premium to Principal Amount, the Cap Level will only permit a lower positive return on your investment in the Notes than would have been the case for Notes purchased at Principal Amount or a discount to Principal Amount.

**You Will Not Have Any Rights to the Securities Included in the Reference Asset.**

As a holder of the Notes, you will not have voting rights or rights to receive cash dividends or other distributions or other rights that holders of securities included in the Reference Asset (the “Reference Asset Constituents”) would have. The Final Level will not reflect any dividends paid on any Reference Asset Constituents.

**We Have No Affiliation with the Index Sponsor and Will Not Be Responsible for Any Actions Taken by the Index Sponsor.**

S&P Dow Jones Indices LLC (the “Index Sponsor”) is not an affiliate of ours and will not be involved in any offerings of the Notes in any way. Consequently, we have no control of any actions of the Index Sponsor, including any actions of the type that would require the Calculation Agent to adjust the Payment at Maturity. The Index Sponsor does not have any obligation of any sort with respect to the Notes. Thus, the Index Sponsor has no obligation to take your interests into consideration for any reason, including in taking any actions that might affect the value of the Notes. None of our proceeds from any issuance of the Notes will be delivered to the Index Sponsor, except to the extent that we are required to pay the Index Sponsor licensing fees with respect to the Reference Asset.

**The Reference Asset Reflects Price Return, not Total Return.**

The return on your Notes is based on the performance of the Reference Asset, which reflects changes in the market price of the Reference Asset Constituents. It is not, however, linked to a “total return” index or strategy, which, in addition to reflecting those price returns, would also reflect dividends paid on the Reference Asset Constituents. The return on your Notes will not include such a total return feature or dividend component.

**Trading and Business Activities by TD and Our Affiliates May Adversely Affect the Market Value of the Notes.**

TD and our affiliates may hedge our obligations under the Notes by purchasing securities, futures, options or other derivative instruments with returns linked or related to changes in the level of the Reference Asset or prices of one or more Reference Asset Constituents, and we or they may adjust these hedges by, among other things, purchasing or selling securities, futures, options or other derivative instruments at any time. It is possible that we or one or more of our affiliates could receive substantial returns from these hedging activities while the market value of the Notes declines. We or one or more of our affiliates may also issue or underwrite other securities or financial or derivative instruments with returns linked or related to the performance of the Reference Asset or one or more Reference Asset Constituents.

These trading activities may present a conflict between the holders’ interest in the Notes and the interests we and our affiliates will have in our or their proprietary accounts, in facilitating transactions, including options and other derivatives transactions, for our or their customers’ accounts and in accounts under our or their management. These trading activities could be adverse to the interests of the holders of the Notes.

We and our affiliates may, at present or in the future, engage in business with one or more issuers of the Reference Asset Constituents (the “Reference Asset Constituent Issuers”), including making loans to or providing advisory services to those companies. These services could include investment banking and merger and acquisition advisory services. These business activities may present a conflict between us and our affiliates obligations, and your interests as a holder of the Notes. Moreover, we, and our affiliates may have published, and in the future expect to publish, research reports with respect to the Reference Asset or one or more Reference Asset Constituents. This research is modified from time to time without notice and may express opinions or provide recommendations that are inconsistent with purchasing or holding the Notes. Any of these business activities by us or one or more of our affiliates may affect the level of the Reference Asset or one or more Reference Asset Constituents and, therefore, the market value of the Notes.

**TD’s Initial Estimated Value of the Notes at the Time of Pricing (When the Terms of Your Notes Were Set on the Pricing Date) is Less Than the Public Offering Price of the Notes.**

TD’s initial estimated value of the Notes is only an estimate. TD’s initial estimated value of the Notes is less than the public offering price of the Notes. The difference between the public offering price of the Notes and TD’s initial

estimated value reflects costs and expected profits associated with selling and structuring the Notes, as well as hedging its obligations under the Notes with a third party. Because hedging our obligations entails risks and may be influenced by market forces beyond our control, this hedging may result in a profit that is more or less than expected, or a loss.

**TD's and TDS's Estimated Value of the Notes are Determined By Reference to TD's Internal Funding Rates and are Not Determined By Reference to Credit Spreads or the Borrowing Rate TD Would Pay for its Conventional Fixed-Rate Debt Securities.**

TD's initial estimated value of the Notes and TDS's estimated value of the Notes at any time are determined by reference to TD's internal funding rate. The internal funding rate used in the determination of the estimated value of the Notes generally represents a discount from the credit spreads for TD's conventional fixed-rate debt securities and the borrowing rate TD would pay for its conventional fixed-rate debt securities. This discount is based on, among other things, TD's view of the funding value of the Notes as well as the higher issuance, operational and ongoing liability management costs of the Notes in comparison to those costs for TD's conventional fixed-rate debt, as well as estimated financing costs of any hedge positions, taking into account regulatory and internal requirements. If the interest rate implied by the credit spreads for TD's conventional fixed-rate debt securities, or the borrowing rate TD would pay for its conventional fixed-rate debt securities were to be used, TD would expect the economic terms of the Notes to be more favorable to you. Additionally, assuming all other economic terms are held constant, the use of an internal funding rate for the Notes is expected to increase the estimated value of the Notes at any time.

**TD's Initial Estimated Value of the Notes Does Not Represent Future Values of the Notes and May Differ From Others' (Including TDS's) Estimates.**

TD's initial estimated value of the Notes was determined by reference to its internal pricing models when the terms of the Notes were set. These pricing models take into account a number of variables, such as TD's internal funding rate on the Pricing Date, and are based on a number of assumptions as discussed further under "Additional Information Regarding the Estimated Value of the Notes" on page P-2. Different pricing models and assumptions (including the pricing models and assumptions used by TDS) could provide valuations for the Notes that are different, and perhaps materially lower, from TD's initial estimated value. Therefore, the price at which TDS would buy or sell your Notes (if TDS makes a market, which it is not obligated to do) may be materially lower than TD's initial estimated value. In addition, market conditions and other relevant factors in the future may change, and any assumptions may prove to be incorrect.

**The Estimated Value of the Notes Is Not a Prediction of the Prices at Which You May Sell Your Notes in the Secondary Market, If Any, and Such Secondary Market Prices, If Any, Will Likely be Lower Than the Public Offering Price of Your Notes and May Be Lower Than the Estimated Value of Your Notes.**

The estimated value of the Notes is not a prediction of the prices at which TDS, other affiliates of ours or third parties may be willing to purchase the Notes from you in secondary market transactions (if they are willing to purchase, which they are not obligated to do). The price at which you may be able to sell your Notes in the secondary market at any time, if any, will be influenced by many factors that cannot be predicted, such as market conditions, and any bid and ask spread for similar sized trades, and may be substantially less than the estimated value of the Notes. Further, as secondary market prices of your Notes take into account the levels at which our debt securities trade in the secondary market, and do not take into account our various costs and expected profits associated with selling and structuring the Notes, as well as hedging our obligations under the Notes, secondary market prices of your Notes will likely be lower than the public offering price of your Notes. As a result, the price at which TDS, other affiliates of ours or third parties may be willing to purchase the Notes from you in secondary market transactions, if any, will likely be lower than the price you paid for your Notes, and any sale prior to the Maturity Date could result in a substantial loss to you.

**The Temporary Price at Which TDS May Initially Buy the Notes in the Secondary Market May Not Be Indicative of Future Prices of Your Notes.**

Assuming that all relevant factors remain constant after the Pricing Date, the price at which TDS may initially buy or sell the Notes in the secondary market (if TDS makes a market in the Notes, which it is not obligated to do) may exceed the estimated value of the Notes on the Pricing Date, as well as the secondary market value of the Notes, for a temporary period after the Pricing Date of the Notes, as discussed further under "Additional Information Regarding the Estimated Value of the Notes." The price at which TDS may initially buy or sell the Notes in the secondary market may not be indicative of future prices of your Notes.

**The Market Value of Your Notes May Be Influenced by Many Unpredictable Factors.**

When we refer to the market value of your Notes, we mean the value that you could receive for your Notes if you chose to sell them in the open market before the Maturity Date. A number of factors, many of which are beyond our control, will influence the market value of your Notes, including:

- the level of the Reference Asset;
- the volatility – i.e., the frequency and magnitude of changes – in the level of the Reference Asset;
- the dividend rates, if applicable, of the Reference Asset Constituents;
- economic, financial, regulatory and political, military or other events that may affect the prices of any of the Reference Asset Constituents and thus the level of the Reference Asset;

- interest rate and yield rates in the market;
- the time remaining until your Notes mature;
- any fluctuations in the exchange rate between currencies in which the Reference Asset Constituents are quoted and traded and the U.S. dollar, as applicable; and
- our creditworthiness, whether actual or perceived, and including actual or anticipated upgrades or downgrades in our credit ratings or changes in other credit measures.

These factors will influence the price you will receive if you sell your Notes before maturity, including the price you may receive for your Notes in any market-making transaction. If you sell your Notes prior to maturity, you may receive less than the Principal Amount of your Notes.

The future levels of the Reference Asset cannot be predicted. The actual change in the level of the Reference Asset over the life of the Notes, as well as the Payment at Maturity, may bear little or no relation to the hypothetical historical closing levels of the Reference Asset or to the hypothetical examples shown elsewhere in this pricing supplement.

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**There Are Potential Conflicts of Interest Between You and the Calculation Agent.**

The Calculation Agent will, among other things, determine the amount of your payment on the Notes. We will serve as the Calculation Agent and may appoint a different Calculation Agent after the Issue Date without notice to you. The Calculation Agent will exercise its judgment when performing its functions and may take into consideration our ability to unwind any related hedges. Since this discretion by the Calculation Agent may affect payments on the Notes, the Calculation Agent may have a conflict of interest if it needs to make any such decision. For example, the Calculation Agent may have to determine whether a market disruption event affecting the Reference Asset has occurred. This determination may, in turn, depend on the Calculation Agent's judgment whether the event has materially interfered with our ability or the ability of one of our affiliates to unwind our hedge positions. Since this determination by the Calculation Agent will affect the payment on the Notes, the Calculation Agent may have a conflict of interest if it needs to make a determination of this kind. For additional information as to the Calculation Agent's role, see "General Terms of the Notes—Role of Calculation Agent" in the product prospectus supplement.

**Market Disruption Events and Adjustments.**

The Valuation Date, and therefore the Maturity Date, are subject to postponement as described in the product prospectus supplement due to the occurrence of one or more market disruption events. For a description of what constitutes a market disruption event as well as the consequences of that market disruption event, see "General Terms of the Notes—Market Disruption Events" in the product prospectus supplement.

**Significant Aspects of the Tax Treatment of the Notes Are Uncertain.**

Significant aspects of the U.S. tax treatment of the Notes are uncertain. You should consult your tax advisor about your tax situation and should read carefully the section entitled "Supplemental Discussion of U.S. Federal Income Tax Consequences" below.

For a more complete discussion of the Canadian federal income tax consequences of investing in the Notes, please see the discussion in the product prospectus supplement under "Supplemental Discussion of Canadian Tax Consequences".

If you are not a Non-resident Holder (as that term is defined in the prospectus) for Canadian federal income tax purposes or if you acquire the Notes in the secondary market, you should consult your tax advisors as to the consequences of acquiring, holding and disposing of the Notes and receiving the payments that might be due under the Notes.

## Hypothetical Returns

The examples and graph set out below are included for illustration purposes only. They should not be taken as an indication or prediction of future investment results and merely are intended to illustrate the impact that the various hypothetical levels of the Reference Asset on the Valuation Date could have on the Payment at Maturity assuming all other variables remain constant.

The examples below are based on a range of Final Levels that are entirely hypothetical; the levels of the Reference Asset on any day throughout the life of the Notes, including the Final Level on the Valuation Date, cannot be predicted. The Reference Asset has been highly volatile in the past—meaning that the level of the Reference Asset has changed considerably in relatively short periods—and its performance cannot be predicted for any future period.

The information in the following examples reflects hypothetical rates of return on the offered Notes assuming that they are purchased on the Issue Date at the Principal Amount and held to the Maturity Date. If you sell your Notes in a secondary market prior to the Maturity Date, your return will depend upon the market value of your Notes at the time of sale, which may be affected by a number of factors that are not reflected in the examples below, such as interest rates, the volatility of the Reference Asset and our creditworthiness. In addition, the estimated value of your Notes at the time the terms of your Notes are set on the Pricing Date is less than the original public offering price of your Notes. For more information on the estimated value of your Notes, see “Additional Risk Factors— TD’s Initial Estimated Value of the Notes at the Time of Pricing (When the Terms of Your Notes Were Set on the Pricing Date) is Less Than the Public Offering Price of the Notes.” on page P-9 of this pricing supplement. The information in the examples also reflect the key terms and assumptions in the box below.

### Key Terms and Assumptions

Principal Amount	\$1,000
Leverage Factor	300.00%
Cap Level	109.08% of the Initial Level
Maximum Payment Amount	\$1,272.40
Neither a market disruption event nor a non-Trading Day occurs on the originally scheduled Valuation Date	
No change in or affecting any of the Reference Asset Constituents or the method by which the Index Sponsor calculates the Reference Asset	
Notes purchased on the Issue Date at the Principal Amount and held to the Maturity Date	

The actual performance of the Reference Asset over the life of your Notes, as well as the Payment at Maturity, if any, may bear little relation to the hypothetical examples shown below or to the historical levels of the Reference Asset shown elsewhere in this pricing supplement. For information about the historical levels of the Reference Asset during recent periods, see “Information Regarding the Reference Asset—Historical Information” below.

Also, the hypothetical examples shown below do not take into account the effects of applicable taxes. Because of the U.S. tax treatment applicable to your Notes, tax liabilities could affect the after-tax rate of return on your Notes to a comparatively greater extent than the after-tax return on the Reference Asset Constituents.

The levels in the left column of the table below represent hypothetical Final Levels and are expressed as percentages of the Initial Level. The amounts in the right column represent the hypothetical Payment at Maturity, based on the corresponding hypothetical Final Level, and are expressed as percentages of the Principal Amount of a Note (rounded to the nearest one-thousandth of a percent). Thus, a hypothetical Payment at Maturity of 100.000% means that the value of the cash payment that we would deliver for each \$1,000 of the outstanding Principal Amount of the offered Notes on the Maturity Date would equal 100.000% of the Principal Amount of a Note, based on the corresponding hypothetical Final Level and the assumptions noted above.

<b>Hypothetical Final Level</b>	<b>Hypothetical Payment at Maturity</b>
<b>(as Percentage of Initial Level)</b>	<b>(as Percentage of Principal Amount)</b>
150.000%	127.240%
140.000%	127.240%
130.000%	127.240%
120.000%	127.240%
110.000%	127.240%
<b>109.080%</b>	<b>127.240%</b>
104.000%	112.000%
102.000%	106.000%
<b>100.000%</b>	<b>100.000%</b>
97.000%	97.000%
95.000%	95.000%
90.000%	90.000%
75.000%	75.000%
50.000%	50.000%
25.000%	25.000%
<b>0.000%</b>	<b>0.000%</b>

If, for example, the Final Level were determined to be 25.000% of the Initial Level, the Payment at Maturity that we would deliver on your Notes at maturity would be 25.000% of the Principal Amount of your Notes, as shown in the table above. As a result, if you purchased your Notes on the Issue Date at the Principal Amount and held them to the Maturity Date, you would lose 75.000% of your investment (if you purchased your Notes at a premium to Principal Amount you would lose a correspondingly higher percentage of your investment). If the Final Level were determined to be 0.000% of the Initial Level, you would lose 100.000% of your investment in the Notes. In addition, if the Final Level were determined to be 150.000% of the Initial Level, the Payment at Maturity that we would deliver on your Notes at maturity would be capped at the Maximum Payment Amount, or 127.240% of each \$1,000 Principal Amount of your Notes, as shown in the table above. As a result, if you held your Notes to the Maturity Date, you would not benefit from any increase in the Final Level of greater than 109.080% of the Initial Level.

The following examples illustrate the hypothetical Payment at Maturity for each Note based on hypothetical Final Levels of the Reference Asset, calculated based on the key terms and assumptions above. The values below have been rounded for ease of analysis.

Example 1— Calculation of the Payment at Maturity where the Percentage Change is positive (and the Final Level is below the Cap Level).  
 Percentage Change: 5.00%  
 Payment at Maturity:  $\$1,000.00 + (\$1,000.00 \times 5.00\% \times 300.00\%) = \$1,000.00 + \$150.00 = \$1,150.00$   
 On a \$1,000.00 investment, a 5.00% Percentage Change results in a Payment at Maturity of \$1,150.00, a 15.000% return on the Notes.

Example 2— Calculation of the Payment at Maturity where the Percentage Change is positive (and the Final Level is above or equal to the Cap Level).  
 Percentage Change: 50.00%  
 Payment at Maturity:  $\$1,000.00 + (\$1,000.00 \times 300.00\% \times 50.00\%) = \$1,000.00 + \$1,500.00 = \$2,500.00$ .  
 However, the Maximum Payment Amount is \$1,272.40 and therefore the Payment at Maturity would be \$1,272.40.  
 On a \$1,000.00 investment, a 50.00% Percentage Change results in a Payment at Maturity of \$1,272.40, a 27.240% return on the Notes.

In addition to limiting your return on the Notes, the Maximum Payment Amount limits the positive effect of the Leverage Factor. If the Final Level is greater than the Initial Level, you will participate in the performance of the Reference Asset at a rate of 300.00% up to a certain point. However, the effect of the Leverage Factor will be progressively reduced for Final Levels that are greater than 109.080% of the Initial Level (based on the Maximum Payment Amount of 127.240% or \$1,272.40 per \$1,000.00 Principal Amount of the Notes) since your return on the Notes for any Final Level greater than 109.080% of the Initial Level will be limited by the Maximum Payment Amount.

Example 3— Calculation of the Payment at Maturity where the Percentage Change is negative.  
 Percentage Change: -35.00%  
 Payment at Maturity:  $\$1,000.00 + (\$1,000.00 \times -35.00\%) = \$1,000.00 - \$350.00 = \$650.00$   
 On a \$1,000.00 investment, a -35.00% Percentage Change results in a Payment at Maturity of \$650.00, a -35.000% return on the Notes.

The following chart shows a graphical illustration of the hypothetical Payment at Maturity that we would pay on your Notes on the Maturity Date if the Final Level were any of the hypothetical levels shown on the horizontal axis. The hypothetical Payments at Maturity in the chart are expressed as percentages of the Principal Amount of your Notes and the hypothetical Final Levels are expressed as percentages of the Initial Level. The chart shows that any hypothetical Final Level of less than 100.00% (the section left of the 100.000% marker on the horizontal axis) would result in a hypothetical Payment at Maturity of less than 100.00% of the Principal Amount of your Notes (the section below the 100.00% marker on the vertical axis) and, accordingly, in a loss of principal to the holder of the Notes. The chart also shows that any hypothetical Final Level of greater than or equal to 109.080% (the section right of the 109.080% marker on the horizontal axis) would result in a capped return on your investment.

The Payments at Maturity shown above are entirely hypothetical; they are based on levels of the Reference Asset that may not be achieved on the Valuation Date and assumptions that may prove to be erroneous. The actual market value of your Notes on the Maturity Date or at any other time, including any time you may wish to sell your Notes, may bear little relation to the hypothetical Payment at Maturity shown above, and these amounts should not be viewed as an indication of the financial return on an investment in the offered Notes. The hypothetical Payment at Maturity on the Notes in the examples above assume you purchased your Notes at their Principal Amount and have not been adjusted to reflect the actual public offering price you pay for your Notes. The return on your investment (whether positive or negative) in your Notes will be affected by the amount you pay for your Notes. If you purchase your Notes for a price other than the Principal Amount, the return on your investment will differ from, and may be significantly lower than, the hypothetical returns suggested by the above examples. Please read “Additional Risk Factors Specific to the Notes—The Market Value of Your Notes May Be Influenced by Many Unpredictable Factors” beginning on page PS-6 of the product prospectus supplement.

Payments on the Notes are economically equivalent to the amounts that would be paid on a combination of other instruments. For example, payments on the Notes are economically equivalent to a combination of a non-interest-bearing bond bought by the holder and one or more options entered into between the holder and us (with one or more implicit option premiums paid over time). The discussion in this paragraph does not modify or affect the terms of the Notes or the U.S. federal income tax treatment of the Notes, as described elsewhere in this pricing supplement.

*We cannot predict the actual Final Level or what the market value of your Notes will be on any particular Trading Day, nor can we predict the relationship between the level of the Reference Asset and the market value of your Notes at any time prior to the Maturity Date. The actual amount that you will receive, if any, at maturity and the rate of return on the offered Notes will depend on the actual Final Level, which will be determined by the Calculation Agent as described above. Moreover, the assumptions on which the hypothetical returns are based may turn out to be inaccurate. Consequently, the amount of cash to be paid in respect of your Notes, if any, on the Maturity Date may be very different from the information reflected in the examples above.*

## Information Regarding the Reference Asset

### **S&P 500® Index**

The Reference Asset includes a representative sample of 500 companies in leading industries of the U.S. economy. The 500 companies are not the 500 largest companies listed on the NYSE and not all 500 companies are listed on the NYSE. The Index Sponsor, S&P Dow Jones Indices LLC, chooses companies for inclusion in the Reference Asset with an aim of achieving a distribution by broad industry groupings that approximates the distribution of these groupings in the common stock population of the U.S. equity market. Although the Reference Asset contains 500 constituent companies, at any one time it may contain greater than 500 constituent trading lines since some companies included in the Reference Asset prior to July 31, 2017 may be represented by multiple share class lines in the Reference Asset. The Reference Asset is calculated, maintained and published by the Index Sponsor and is part of the S&P Dow Jones Indices family of indices. Additional information is available on the following websites: [us.spindices.com/indices/equity/sp-500](http://us.spindices.com/indices/equity/sp-500) and [spdji.com/](http://spdji.com/). We are not incorporating by reference the websites or any material they include in this document.

The Index Sponsor intends for the Reference Asset to provide a performance benchmark for the large-cap U.S. equity markets. Constituent changes are made on an as-needed basis and there is no schedule for constituent reviews. Constituent changes are generally announced one to five business days prior to the change. Relevant criteria for additions to the Reference Asset that are employed by the Index Sponsor include: the company proposed for addition should have an unadjusted company market capitalization of \$6.1 billion or more (for spin-offs, eligibility is determined using when-issued prices, if available); using composite pricing and volume, the ratio of annual dollar value traded in the proposed constituent to float-adjusted market capitalization of that company should be 1.00 or greater and the stock should trade a minimum of 250,000 shares in each of the six months leading up to the evaluation date; the company must be a U.S. company (characterized as a Form 10-K filer with its U.S. portion of fixed assets and revenues constituting a plurality of the total and with a primary listing of the common stock on the NYSE, NYSE Arca, NYSE American (formerly NYSE MKT), NASDAQ Global Select Market, NASDAQ Select Market, NASDAQ Capital Market, Bats BZX, Bats BYX, Bats EDGA, Bats EDGX or IEX (each, an “eligible exchange”)); the proposed constituent has a public float of 50% or more of its stock; the inclusion of the company will contribute to sector balance in the Reference Asset relative to sector balance in the market in the relevant market capitalization range; financial viability (the sum of the most recent four consecutive quarters’ Generally Accepted Accounting Principles (GAAP) earnings (net income excluding discontinued operations) should be positive as should the most recent quarter); and, for IPOs, the company must be traded on an eligible exchange for at least twelve months. In addition, constituents of the S&P MidCap 400® Index and the S&P SmallCap 600® Index can be added to the Reference Asset without meeting the financial viability, public float and/or liquidity eligibility criteria if the S&P Index Committee decides that such an addition will enhance the representativeness of the Reference Asset as a market benchmark. Certain types of organizational structures and securities are always excluded, including business development companies (BDCs), limited partnerships, master limited partnerships, limited liability companies (LLCs), OTC bulletin board issues, closed-end funds, ETFs, ETNs, royalty trusts, tracking stocks, preferred stock and convertible preferred stock, unit trusts, equity warrants, convertible bonds, investment trusts, rights and American depositary receipts (ADRs). Reference Asset Constituents are deleted from the Reference Asset when they are involved in mergers, acquisitions or significant restructurings such that they no longer meet the inclusion criteria, and when they substantially violate one or more of the addition criteria. Reference Asset Constituents that are delisted or moved to the pink sheets or the bulletin board are removed, and those that experience a trading halt may be retained or removed in the Index Sponsor’s discretion. The Index Sponsor evaluates additions and deletions with a view to maintaining Reference Asset continuity.

For constituents included in the Reference Asset prior to July 31, 2017, all publicly listed multiple share class lines are included separately in the Reference Asset, subject to, in the case of any such share class line, that share class line satisfying the liquidity and float criteria discussed above and subject to certain exceptions. It is possible that one listed

share class line of a company may be included in the Reference Asset while a second listed share class line of the same company is excluded. For companies that issue a second publicly traded share class to Reference Asset share class holders, the newly issued share class line is considered for inclusion if the event is mandatory and the market capitalization of the distributed class is not considered to be de minimis.

As of July 31, 2017, companies with multiple share class lines are no longer eligible for inclusion in the Reference Asset. Constituents of the Reference Asset prior to July 31, 2017 with multiple share class lines will be grandfathered in and continue to be included in the Reference Asset. If a Reference Asset Constituent reorganizes into a multiple share class line structure, that company will be reviewed for continued inclusion in the Reference Asset at the discretion of the S&P Index Committee.

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As of December 31, 2018, the 500 companies included in the Reference Asset were divided into eleven Global Industry Classification Sectors. The Global Industry Classification Sectors include (with the approximate percentage currently included in such sectors indicated in parentheses): Information Technology (20.1%), Health Care (15.5%), Financials (13.3%), Communication Services (10.1%), Consumer Discretionary (9.9%), Industrials (9.2%), Consumer Staples (7.4%), Energy (5.3%), Utilities (3.3%), Real Estate (3.0%) and Materials (2.7%). (Sector designations are determined by the Index Sponsor using criteria it has selected or developed. Index sponsors may use very different standards for determining sector designations. In addition, many companies operate in a number of sectors, but are listed in only one sector and the basis on which that sector is selected may also differ. As a result, sector comparisons between indices with different index sponsors may reflect differences in methodology as well as actual differences in the sector composition of the indices.) As of the close of business on September 21, 2018, the Index Sponsor and MSCI, Inc. updated the Global Industry Classification Sector structure. Among other things, the update broadened the Telecommunications Services sector and renamed it the Communication Services sector. The renamed sector includes the previously existing Telecommunication Services Industry group, as well as the Media Industry group, which was moved from the Consumer Discretionary sector and renamed the Media & Entertainment Industry group. The Media & Entertainment Industry group contains three industries: Media, Entertainment and Interactive Media & Services. The Media industry continues to consist of the Advertising, Broadcasting, Cable & Satellite and Publishing sub-industries. The Entertainment industry contains the Movies & Entertainment sub-industry (which includes online entertainment streaming companies in addition to companies previously classified in such industry prior to September 21, 2018) and the Interactive Home Entertainment sub-industry (which includes companies previously classified in the Home Entertainment Software sub-industry prior to September 21, 2018 (when the Home Entertainment Software sub-industry was a sub-industry in the Information Technology sector)), as well as producers of interactive gaming products, including mobile gaming applications). The Interactive Media & Services industry and sub-industry includes companies engaged in content and information creation or distribution through proprietary platforms, where revenues are derived primarily through pay-per-click advertisements, and includes search engines, social media and networking platforms, online classifieds and online review companies. The Global Industry Classification Sector structure changes were effective for the S&P 500® Index as of the open of business on September 24, 2018 to coincide with the September 2018 quarterly rebalancing.

#### *Calculation of the Reference Asset*

The Reference Asset is calculated using a base-weighted aggregative methodology. The level of the Reference Asset on any day for which a level is published is determined by a fraction, the numerator of which is the aggregate of the market price of each Reference Asset Constituent *times* the number of shares of such Reference Asset Constituent, and the denominator of which is the divisor, which is described more fully below. The “market value” of any Reference Asset Constituent is the *product* of the market price per share of that Reference Asset Constituent *times* the number of the then-outstanding shares of such Reference Asset Constituent that are then included in the Reference Asset .

The Reference Asset is also sometimes called a “base-weighted aggregative index” because of its use of a divisor. The “divisor” is a value calculated by the Index Sponsor that is intended to maintain conformity in Reference Asset levels over time and is adjusted for all changes in the Reference Asset Constituents’ share capital after the “base date” as described below. The level of the Reference Asset reflects the total market value of all Reference Asset Constituents relative to the Reference Asset’s base date of 1941-43.

In addition, the Reference Asset is float-adjusted, meaning that the share counts used in calculating the Reference Asset reflect only those shares available to investors rather than all of a company’s outstanding shares. The Index Sponsor seeks to exclude shares held by certain shareholders concerned with the control of a company, a group that generally includes the following: officers and directors and related individuals whose holdings are publicly disclosed, private equity, venture capital, special equity firms, publicly traded companies that hold shares for control in another company, strategic partners, holders of restricted shares, employee stock ownership plans, employee and family trusts, foundations associated with the company, holders of unlisted share classes of stock, government entities at all levels



(except government retirement or pension funds) and any individual person listed as a 5% or greater stakeholder in a company as reported in regulatory filings (collectively, “control holders”). To this end, the Index Sponsor excludes all share-holdings (other than depositary banks, pension funds, mutual funds, exchange traded fund providers, 401(k) plans of the company, government retirement and pension funds, investment funds of insurance companies, asset managers and investment funds, independent foundations, savings plans and investment plans) with a position greater than 5% of the outstanding shares of a company from the float-adjusted share count to be used in Reference Asset calculations.

The exclusion is accomplished by calculating an Investable Weight Factor (IWF) for each Reference Asset Constituent that is part of the numerator of the float-adjusted index fraction described above:

$IWF = (\text{available float shares}) / (\text{total shares outstanding})$

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where available float shares is defined as total shares outstanding less shares held by control holders. In most cases, an IWF is reported to the nearest one percentage point. For companies with multiple share class lines, a separate IWF is calculated for each share class line.

*Maintenance of the Reference Asset*

In order to keep the Reference Asset comparable over time the Index Sponsor engages in a Reference Asset maintenance process. The Reference Asset maintenance process involves changing the constituents as discussed above, and also involves maintaining quality assurance processes and procedures, adjusting the number of shares used to calculate the Reference Asset, monitoring and completing the adjustments for company additions and deletions, adjusting for stock splits and stock dividends and adjusting for other corporate actions. In addition to its daily governance of indices and maintenance of the Reference Asset methodology, at least once within any 12 month period, the S&P Index Committee reviews the Reference Asset methodology to ensure the Reference Asset continues to achieve the stated objective, and that the data and methodology remain effective. The S&P Index Committee may at times consult with investors, market participants, security issuer