TORONTO DOMINION BANK Form 424B2 December 26, 2017 Filed Pursuant to Rule 424(b)(2)

Registration Statement No. 333-211718

The Toronto-Dominion Bank

\$10,377,000

Leveraged Capped Buffered Basket-Linked Notes due November 26, 2019

The notes do not bear interest. The amount that you will be paid on your notes on the maturity date (November 26, 2019) is based on the performance of an unequally weighted basket of five indices: the EURO STOXX 50® Index (37% weighting), the FTSE® 100 Index (23% weighting), TOPIX (23% weighting), the Swiss Market Index (9% weighting), and the S&P/ASX 200 Index (8% weighting), as measured from the pricing date (December 21, 2017) to and including the valuation date (November 21, 2019).

If the final basket level on the valuation date is greater than the initial basket level, the return on your notes will be positive and will equal the participation rate of 180.00% times the percentage change of the basket, subject to the maximum payment amount of \$1,513.00 for each \$1,000 principal amount of your notes. If the final basket level declines by up to 12.50% from the initial basket level, you will receive the principal amount of your notes. If the final basket level declines by more than 12.50% from the initial basket level, the return on your notes will be negative, and you will lose approximately 1.1429% of the principal amount of your notes for every 1% that the final basket level has declined below the buffer level of 87.50% of the initial basket level. Despite the inclusion of the buffer level, due to the downside multiplier you may lose your entire principal amount.

The initial basket level is 100 and the final basket level will equal (i) 100 *times* (ii) the *sum* of 1 *plus*, as calculated for each basket component, (a) the percentage change of each basket component from the pricing date to the valuation date *multiplied by* (b) its weighting in the basket. The initial index level of each basket component is: 3,570.78 with respect to the EURO STOXX 50[®] Index, 7,603.98 with respect to the FTSE[®] 100 Index, 1,822.61 with respect to TOPIX, 9,424.67 with respect to the Swiss Market Index, and 6,060.358 with respect to the S&P/ASX 200 Index.

To determine your payment at maturity, we will calculate the percentage change of the basket, which is the percentage increase or decrease in the final basket level from the initial basket 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 basket level is greater than the initial basket level), the *sum* of (i) \$1,000 *plus* (ii) the product of (a) \$1,000 *times* (b) 180.00% *times* (c) the percentage change, subject to the maximum payment amount;

if the percentage change is zero or negative but not below -12.50% (the final basket level is equal to the initial basket level or is less than the initial basket level, but not by more than 12.50%), \$1,000; or

if the percentage change is negative and is below -12.50% (the final basket level is less than the initial basket level by more than 12.50%), the *sum* of (i) \$1,000 *plus* (ii) the product of (a) \$1,000 *times* (b) the downside multiplier of approximately 114.29% (see page P-4) *times* (c) the *sum* of the percentage change *plus* 12.50%. You will receive less than the principal amount of your notes.

Decreases in the levels of the basket components may offset increases in the levels of other basket components. The performance of the basket components with the higher weightings will have a larger impact on your return on the 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 on any exchange.

You should read the disclosure herein to better understand the terms and risks of your investment. See "Additional Risk Factors" beginning on page P-8 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 \$995.00 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-8 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 Price1
 Underwriting Discount Proceeds to TD

 Per Note \$1,000.00
 \$0.00
 \$1,000.00

 Total
 \$10,377,000.00
 \$0.00
 \$10,377,000.00

TD Securities (USA) LLC

¹ See "Supplemental Plan of Distribution (Conflicts of Interest)" on page P-51 of this pricing supplement.

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-8. 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 Trade 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 Issue 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.

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

Type of Note: Leveraged Capped Buffered Basket-Linked Notes (the "Notes")

Term: Approximately 23 months

Basket: An unequally weighted basket consisting of the following indices (each, a "Basket Component"):

Basket Component Bloomberg Ticker Component Weighting Initial Index Level*

EURO STOXX 50® Index SX5E 37% 3,570.78 FTSE® 100 Index **UKX** 23% 7,603.98 **TOPIX** 23% TPX 1,822.61 Swiss Market Index SMI 9% 9,424.67 The S&P/ASX 200 Index AS51 8% 6,060.358

* With respect to each Basket Component, its Closing Level on the Pricing Date.

CUSIP / ISIN: 89114QKD9 / US89114QKD96

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; \$10,377,000 in the aggregate for all the offered Notes; the aggregate Principal Amount:

additional amount of the offered Notes on a date subsequent to the date of this pricing supplement.

Pricing Date: December 21, 2017 Issue Date: January 2, 2018

Valuation November 21, 2019, subject to postponement for market disruption events and other disruptions, as

Date: described in "— Final Index Levels" below.

November 26, 2019, subject to postponement for market disruption events and other disruptions, as

Maturity Date: described under "General Terms of the Notes — Maturity Date" on page PS-18 in the product prospectus

supplement and in "- Final Index Levels" below.

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 Basket Level is greater than or equal to the Cap Level, the Maximum Payment Amount:

if the Final Basket Level is greater than the Initial Basket 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 Basket Level is equal to or less than the Initial Basket Level but greater than or equal to the Buffer Level, \$1,000; or

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

If the Final Basket Level is less than the Buffer 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: 180.00%

12.50%

Cap Level:

128.50% of the Initial Basket Level

Buffer

Percentage:

Buffer Level:

87.50% of the Initial Basket Level

Downside The quotient of the Initial Basket Level divided by the Buffer Level, which equals approximately

Multiplier: 114.29%

\$1,513.00 per \$1,000 Principal Amount of the Notes (151.300% of the Principal Amount of the

Payment Amount: Notes). As a result of the Maximum Payment Amount, the maximum return at maturity of the

Notes is 51.300% of the Principal Amount of the Notes.

The quotient of (1) the Final Basket Level minus the Initial Basket Level divided by (2) the Initial

Percentage Change Basket Level, expressed as a percentage.

Initial Basket

100

Final Basket

 $100 \times [1 + (\text{the sum of the products of the Basket Component Return for each Basket Component}]$

Level: multiplied by its Component Weighting)]

With respect to each Basket Component:

Basket

Level:

Final Index Level - Initial Index Level Component

Return:

Initial Index Level

Initial Index

With respect to each Basket Component, its Closing Level on the Pricing Date, as shown in the

Level: table above.

With respect to each Basket Component, its Closing Level on the Valuation Date, 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 accompanying product prospectus supplement.

Final Index Level: If the originally scheduled Valuation Date is not a Trading Day with respect to a Basket Component or a market disruption event with respect to a Basket Component occurs or is continuing on the originally scheduled Valuation Date, the Final Index Level for that Basket Component will be its Closing Level on the first Trading Day for such Basket Component following the originally scheduled Valuation Date on which the calculation agent determines that a market disruption event does not occur or is not continuing. If a market disruption event with respect to such Basket Component occurs or is continuing on each Trading Day to and including the tenth scheduled Trading Day following the originally scheduled Valuation Date, or if there are no Trading Days for a period of 10 scheduled Trading Days, the Final Index Level for that Basket Component will be determined (or, if not determinable, estimated by the Calculation Agent in a manner which is considered commercially reasonable under the circumstances) by the Calculation Agent on that tenth scheduled Trading Day, regardless of whether such day is a Trading Day or the occurrence or continuation of a market disruption event on that day. For the avoidance of doubt, if the originally scheduled Valuation Date is a Trading Day and no market disruption event exists on that day with respect to a Basket Component, the determination of that Basket Component's Final Index Level will be made on the originally scheduled Valuation Date, irrespective of the non-Trading Day status or the existence of a market disruption event with respect to any other Basket Component. For the definition of a market disruption event, see "General Terms of the Notes — Market Disruption Events" beginning on page PS-19 of the product prospectus supplement. If the originally scheduled Valuation Date is postponed due to a non-Trading Day or a market disruption event for any Basket Component, the Maturity Date will be postponed to the third Business Day after the postponed Valuation Date. With respect to each Basket Component, its Closing Level will be the official closing level of that Basket Component or any successor index (as defined in the product prospectus supplement) published by the Index Sponsor (as defined in the product prospectus supplement) on any Trading Day for that Basket

Closing Level:

Component. Any day that is a Monday, Tuesday, Wednesday, Thursday or Friday that is neither a legal holiday nor a

Business Day:

day on which banking institutions are authorized or required by law to close in New York City or

A Trading Day with respect to a Basket Component means a day on which:

Trading Day:

- (A) the Eurex (as to the EURO STOXX 50[®] Index), the London Stock Exchange (as to the FTSE[®] 100 Index), the Tokyo Stock Exchange (as to TOPIX), the SIX Swiss Exchange (as to the Swiss Market Index), or the Australian Stock Exchange (as to the S&P/ASX 200 Index) (or any successor to the foregoing exchanges), as applicable, is open for trading; and
- (B) that Basket Component or its successor thereto is calculated and published.

U.S. Tax

By purchasing a Note, each holder agrees, in the absence of a statutory, regulatory, administrative or Treatment: judicial ruling to the contrary, to characterize the Notes, for U.S. federal income tax purposes, as pre-paid derivative contracts with respect to the Basket. Based on certain factual representations received from us, in the opinion of our special U.S. tax counsel, Cadwalader, Wickersham & Taft LLP, it is 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 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

TD

Agent: Listing:

The Notes will not be listed on any securities exchange.

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.

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, 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-8 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 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

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 Basket by more than the Buffer Percentage. If the Final Basket Level is less than the Initial Basket Level by more than 12.50%, you will lose a portion of each \$1,000 Principal Amount in an amount equal to the Downside Multiplier multiplied by the sum of the negative Percentage Change plus the Buffer Percentage times \$1,000. Specifically, you will lose approximately 1.1429% of the Principal Amount of each of your Notes for every 1% that the Final Basket Level is less than the Initial Basket Level in excess of the Buffer Percentage 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 Basket Components.

The opportunity to participate in the possible increases in the level of the Basket 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 Basket Level exceeding the Cap Level no matter how much the level of the Basket 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 Basket Components.

Changes in the Level of One Basket Component May Be Offset by Changes in the Level of the Other Basket Components.

A change in the level of one Basket Component may not correlate with changes in the levels of the other Basket Components. The level of one or more Basket Components may increase while the level of one or more other Basket Components may not increase as much, or may even decrease. Therefore, in determining the level of the Basket as of any time, increases in the level of one Basket Component may be moderated, or wholly offset, by lesser increases or decreases in the level of one or more other Basket Components. Because the weightings of the Basket Components are not equal, the performances of the EURO STOXX 50[®] Index, the FTSE[®] 100 Index and TOPIX will have a significantly larger impact on your return on the Notes than the performance of the Swiss Market Index or the S&P/ASX 200 Index.

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 be based on the performance of the Basket, 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.

The Agent Discount, 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, offering expenses as well as the cost of hedging our obligations under the Notes. In addition, any such price is also likely to reflect 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 the 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 the 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 on any securities exchange. 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 levels of the Basket Components and, as a result, you may suffer substantial losses.

If the Level of the Basket Components Change, the Market Value of Your Notes May Not Change in the Same Manner.

Your Notes may trade quite differently from the performance of the Basket Components. Changes in the levels of the Basket Components may not result in a comparable change in the market value of your Notes. Even if the levels of the Basket Components increase above the Initial Index Levels 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 Levels of the Basket Components at Any Time Other than the Valuation Date.

The Final Basket Level will be based on the Closing Levels of the Basket Components on the Valuation Date (subject to adjustment as described elsewhere in this pricing supplement). Therefore, if the Closing Levels of the Basket Components 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 Levels of the Basket Components prior to such drop in the levels of the Basket Components. Although the actual levels of the Basket Components on the Maturity Date or at other times during the life of your Notes may be higher than their levels on the Valuation Date, you will only benefit from the Closing Levels of the Basket Components 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 Buffer Level and 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. Similarly, the Buffer Level, while still providing some protection for the return on the Notes, will allow a greater percentage decrease in 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 Any Basket Component.

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 a Basket Component (the "Basket Component Constituents") would have. The Final Basket Level will not reflect any dividends paid on any Basket Component Constituents.

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

No Index Sponsor is an affiliate of ours or will be involved in any offerings of the Notes in any way. Consequently, we have no control of any actions of an Index Sponsor, including any actions of the type that would require the Calculation Agent to adjust the Payment at Maturity. No Index Sponsor has any obligation of any sort with respect to the Notes. Thus, no Index Sponsor has any 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 any Index Sponsor, except to the extent that we are required to pay an Index Sponsor licensing fees with respect to the relevant Basket Component.

Trading Activities by TD, the Agent 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 prices of the Basket Components or the prices of one or more Basket Component 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 changes in the performance of the applicable Basket Components or one or more Basket Component 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 a Basket Component Constituent, 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 one or more Basket Components or one or more issuers of a Basket Component 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 price of one or more Basket Components or one or more Basket Component 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 is 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 will not be 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 Trade 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 levels of the Basket Components; the volatility – i.e., the frequency and magnitude of changes – in the level of the Basket; the dividend rates, if applicable, of the Basket Component Constituents;

economic, financial, regulatory and political, military or other events that may affect the prices of any of the Basket Component Constituents and thus the level of the Basket;

interest rate and yield rates in the market;

the time remaining until your Notes mature;

fluctuations in the exchange rate between currencies in which the Basket Component Constituents are quoted and traded and the U.S. dollar; 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 Basket cannot be predicted. The actual change in the level of the Basket 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 Basket or to the hypothetical examples shown elsewhere in this pricing supplement.

Investment in the Offered Notes Is Subject to Risks Associated with Foreign Securities Markets.

The value of your Notes is linked to Basket Components which include Basket Component Constituents traded in one or more foreign securities markets. Investments linked to the value of foreign equity securities involve particular risks. Any foreign securities market may be less liquid, more volatile and affected by global or domestic market developments in a different way than are the U.S. securities market or other foreign securities markets. Both government intervention in a foreign securities market, either directly or indirectly, and cross-shareholdings in foreign companies, may affect trading prices and volumes in that market. Also, there is generally less publicly available information about foreign companies than about those U.S. companies that are subject to the reporting requirements of the SEC. Further, foreign companies are likely subject to accounting, auditing and financial reporting standards and requirements that differ from those applicable to U.S. reporting companies.

The prices of securities in a foreign country are subject to political, economic, financial and social factors that are unique to such foreign country's geographical region. These factors include: recent changes, or the possibility of future changes, in the applicable foreign government's economic and fiscal policies; the possible implementation of, or changes in, currency exchange laws or other laws or restrictions applicable to foreign companies or investments in foreign equity securities; fluctuations, or the possibility of fluctuations, in currency exchange rates; and the possibility of outbreaks of hostility, political instability, natural disaster or adverse public health developments. The United Kingdom has voted to leave the European Union (popularly known as "Brexit"). The effect of Brexit is uncertain, and Brexit has and may continue to contribute to volatility in the prices of securities of companies located in Europe and currency exchange rates, including the valuation of the euro and British pound in particular. Any one of these factors, or the combination of more than one of these or other factors, could negatively affect such foreign securities market and the prices of securities therein. Further, geographical regions may react to global factors in different ways, which may cause the prices of securities in a foreign securities market to fluctuate in a way that differs from those of securities in the U.S. securities market or other foreign securities markets. Foreign economies may also differ from the U.S. economy in important respects, including growth of gross national product, rate of inflation, capital reinvestment, resources and self-sufficiency, which may have a positive or negative effect on foreign securities prices.

Your Notes Are Linked to Basket Components that are comprised of Basket Component Constituents that Are Traded in Non-U.S. Currencies But Are Not Adjusted to Reflect Their U.S. Dollar Value, Therefore, the Return on Your Notes Will Not Be Adjusted for Changes in Exchange Rates.

Because your Notes are linked to Basket Components with Basket Component Constituents that are traded in non-U.S. currencies but are not adjusted to reflect their U.S. dollar value, the Payment at Maturity will not be adjusted for changes in the applicable non-U.S. currency/U.S. dollar exchange rates. The Payment at Maturity will be based solely upon the overall change in the level of the Basket Components over the life of your Notes. Changes in exchange rates, however, may reflect changes in the economy of the countries in which the Basket Component Constituents are listed that, in turn, may affect the level of the relevant Basket Component, and therefore the Basket.

As of the Date of this Pricing Supplement, There is No Actual History for the Closing Levels of the Basket.

The Payment at Maturity, if any, for each of your Notes is linked to the Percentage Change in the Basket, which will begin to be calculated on the Pricing Date. Since there will be no actual history for the closing levels of the Basket, no actual historical information about the Closing Levels of the Basket will be available for you to consider in making an independent investigation of the performance of the Basket, which may make it difficult for you to make an informed decision with respect to an investment in your Notes.

Hypothetical Past Basket Performance is No Guide to Future Performance.

The actual performance of the Basket over the life of the Notes, as well as the Payment at Maturity, may bear little relation to the hypothetical historical closing levels of the Basket (when available) or to the hypothetical return examples set forth elsewhere in this pricing supplement. The future performance of the Basket cannot be predicted.

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 a Basket Component 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 Basket levels 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 Basket Levels and Final Index Levels that are entirely hypothetical; the Basket level on any day throughout the life of the Notes, including the Final Basket Level on the Valuation Date, cannot be predicted. The Basket Components have been highly volatile in the past — meaning that the levels of the Basket Components have changed considerably in relatively short periods — and the performance of the Basket 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 Basket Components 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-10 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 Initial Basket Level 100 Leverage Factor 180.00%

Cap Level 128.50% of the Initial Basket Level

Maximum Payment Amount \$1,513.00

Buffer Level 87.50% of the Initial Basket Level

Downside Multiplier Approximately 114.29%

Buffer Percentage 12.50%

Neither a market disruption event nor a non-Trading Day occurs

with respect to any Basket Component on the originally

scheduled Valuation Date

No change in or affecting any of the Basket Components or the method by which an Index Sponsor calculates the relevant Basket

Component

Notes purchased on the Issue Date at the Principal Amount and held to the Maturity Date

The actual performance of the Basket 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 hypothetical levels of the Basket or the historical levels of the Basket Components shown elsewhere in this pricing supplement. For information about the historical levels of the Basket Components and the hypothetical levels of the Basket during recent periods, see "Information Regarding the Basket Components — Historical Information of the Basket Components" and "Information Regarding the Basket Components — Hypothetical Information of the Basket" 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 Basket Components.

The levels in the left column of the table below represent hypothetical Final Basket Levels and are expressed as percentages of the Initial Basket Level. The amounts in the right column represent the hypothetical Payment at Maturity, based on the corresponding hypothetical Final Basket 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 Basket Level and the assumptions noted above.

Hypothetical Final Basket Level	Hypothetical Payment at Maturity
(as Percentage of Initial Basket Level)	(as Percentage of Principal Amount)
160.000%	151.300%
140.000%	151.300%
130.000%	151.300%
128.500%	151.300%
120.000%	136.000%
110.000%	118.000%
105.000%	109.000%
102.000%	103.600%
100.000%	100.000%
98.000%	100.000%
96.000%	100.000%
94.000%	100.000%
87.500%	100.000%
75.000%	85.714%
50.000%	57.143%
25.000%	28.571%
0.000%	0.000%

If, for example, the Final Basket Level were determined to be 25.000% of the Initial Basket Level, the Payment at Maturity that we would deliver on your Notes at maturity would be approximately 28.571% 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 approximately 71.429% 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 Basket Level were determined to be 0.000% of the Initial Basket Level, you would lose 100.000% of your investment in the Notes. In addition, if the Final Basket Level were determined to be 160.000% of the Initial Basket Level, the Payment at Maturity that we would deliver on your Notes at maturity would be capped at the Maximum Payment Amount, or 151.300% 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 Basket Level of greater than 128.500% of the Initial Basket Level.

The following examples illustrate the hypothetical Payment at Maturity for each Note based on hypothetical Final Basket Levels and hypothetical Final Index Levels of the Basket Components, calculated based on the key terms and assumptions above.

The levels in Column A represent hypothetical Initial Index Levels for each Basket Component, and the levels in Column B represent hypothetical Final Index Levels for each Basket Component. The percentages in Column C represent hypothetical Basket Component Returns for each Basket Component. The amounts in Column D represent the applicable weightings of each Basket Component, and the amounts in Column E represent the *products* of the percentages in Column C *times* the corresponding amounts in Column D. The Final Basket Level for each example is shown beneath each example, and will equal 100 multiplied by the sum of one plus the *sum* of the amounts shown in

Column E, and the Percentage Change for each example will equal the *quotient* of (i) the Final Basket Level for such example *minus* the Initial Basket Level *divided* by (ii) the Initial Basket Level, expressed as a percentage. The values below have been rounded for ease of analysis.

The hypothetical Initial Index Level for each Basket Component of 100.00 has been chosen for illustrative purposes only and does not represent the Initial Index Level for any Basket Component. Because each hypothetical Initial Index Level has been set to 100.00, these examples do not accurately reflect the differences in the levels of the Basket Components. For historical data regarding the actual historical levels of the Basket Components, please see the historical information set forth below under "Information Regarding the Basket Components — Historical Information of the Basket Components".

Example 1: The Final Basket Level is greater than the Cap Level. The Payment at Maturity equals the Maximum Payment Amount.

	Column A	Column B	Column C	Column D	Column E
Basket Componen	Hypothetical Initial Index Level	Hypothetical Final Index Level	Basket Component Return	Component Weighting	Column C x Column D
EURO STOXX 50 [©] Index	100.00	135.00	35.00%	37.00%	0.1295
FTSE® 100 Index	100.00	135.00	35.00%	23.00%	0.0805
TOPIX	100.00	135.00	35.00%	23.00%	0.0805
Swiss Market Index	100.00	135.00	35.00%	9.00%	0.0315
S&P/ASX 200 Index	100.00	135.00	35.00%	8.00%	0.0280

Final Basket Level = $100 \times [1 + (0.1295 + 0.0805 + 0.0805 + 0.0315 + 0.0280)] = 135.00$

In this example, all of the hypothetical Final Index Levels for the Basket Components are greater than the applicable hypothetical Initial Index Levels, which results in the hypothetical Final Basket Level being greater than the Initial Basket Level of 100.00. Since the hypothetical Final Basket Level of 135.00 is greater than the hypothetical Cap Level, the hypothetical Payment at Maturity that we would deliver on your Notes would be capped at the Maximum Payment Amount of \$1,513.00 for each \$1,000 Principal Amount of your Notes (i.e. 151.300% of each \$1,000 Principal Amount of your Notes).

Example 2: The Final Basket Level is greater than the Initial Basket Level but less than the Cap Level.

	Column A	Column B	Column C	Column D	Column E
Basket Componen	Hypothetical Initial Index Level	Hypothetical Final Index Level	Basket Component Return	Component Weighting	Column C x Column D
EURO STOXX 50 [©] Index	100.00	101.00	1.00%	37.00%	0.0037
FTSE® 100 Index	100.00	102.00	2.00%	23.00%	0.0046
TOPIX	100.00	103.00	3.00%	23.00%	0.0069
Swiss Market Index	100.00	120.00	20.00%	9.00%	0.0180
S&P/ASX 200 Index	100.00	135.00	35.00%	8.00%	0.0280

Final Basket Level = $100 \times [1 + (0.0037 + 0.0046 + 0.0069 + 0.0180 + 0.0280)] = 106.12$

Percentage Change = (106.12 - 100.00) / 100.00 = 6.12%

In this example, all of the hypothetical Final Index Levels for the Basket Components are greater than the applicable hypothetical Initial Index Levels, which results in the hypothetical Final Basket Level being greater than the Initial Basket Level of 100.00. Since the hypothetical Final Basket Level of 106.12 is greater than the Initial Basket Level but less than the Cap Level, the hypothetical Payment at Maturity for each \$1,000 Principal Amount of your Notes will equal:

Payment at Maturity = $\$1,000 + (\$1,000 \times 180.00\% \times 6.12\%) = \$1,110.16$

Example 3: The Final Basket Level is less than the Initial Basket Level, but greater than the Buffer Level. The Payment at Maturity equals the \$1,000 Principal Amount.

	Column A	Column B	Column (C Column D	Column E
Basket Component	Hypothetical Initial Index Leve	Hypothetical Final Index elLevel	Basket Compone Return	Component Meighting	Column C x Column D
EURO STOXX 50® Index	100.00	95.00	-5.00%	37.00%	-0.0185
FTSE® 100 Index	100.00	95.00	-5.00%	23.00%	-0.0115
TOPIX	100.00	95.00	-5.00%	23.00%	-0.0115
Swiss Market Index	100.00	95.00	-5.00%	9.00%	-0.0045
S&P/ASX 200 Index	100.00	95.00	-5.00%	8.00%	-0.0040

Final Basket Level = $100 \times [1 + (-0.0185 + -0.0115 + -0.0115 + -0.0045 + -0.0040)] = 95.00$

In this example, all of the hypothetical Final Index Levels for the Basket Components are less than the applicable Initial Index Levels, which results in the hypothetical Final Basket Level being less than the Initial Basket Level of 100.00. Since the hypothetical Final Basket Level of 95.00 is less than the Initial Basket Level but greater than the Buffer Level, the hypothetical Payment at Maturity for each \$1,000 Principal Amount of your Notes will equal the Principal Amount of the Note, or \$1,000.

Example 4: The Final Basket Level is less than the Buffer Level. The Payment at Maturity is less than the \$1,000 Principal Amount.

	Column A	Column B	Column (C Column D	Column E
Basket Component	Hypothetical Initial Index Lev	Hypothetical Final Index elLevel	Basket Compone Return	Component Meighting	Column C x Column D
EURO STOXX 50® Index	100.00	50.00	-50.00%	37.00%	-0.1850
FTSE® 100 Index	100.00	90.00	-10.00%	23.00%	-0.0230
TOPIX	100.00	100.00	0.00%	23.00%	0.0000
Swiss Market Index	100.00	135.00	35.00%	9.00%	0.0315
S&P/ASX 200 Index	100.00	135.00	35.00%	8.00%	0.0280

Final Basket Level = $100 \times [1 + (-0.1850 + -0.0230 + 0.0000 + 0.0315 + 0.0280)] = 85.15$

Percentage Change = (87.45 - 100.00) / 100.00 = -14.85%

In this example, the hypothetical Final Index Levels of the EURO STOXX 50[®] Index and the FTSE[®] 100 Index are less than their applicable hypothetical Initial Index Levels, while the hypothetical Final Index Levels of the TOPIX is

equal to its hypothetical Initial Index Level and the hypothetical Final Index Levels of the Swiss Market Index and the S&P/ASX 200 Index are greater than their applicable Initial Index Levels.

Because the Basket is unequally weighted, increases in the lower weighted Basket Components will be offset by decreases in the more heavily weighted Basket Components. In this example, the large decline in the EURO STOXX 50® Index and the FTSE® 100 Index results in the hypothetical Final Basket Level being less than the Buffer Level, even though the TOPIX remained flat and the Swiss Market Index and the S&P/ASX 200 Index increased.

Since the hypothetical Final Basket Level of 85.15 is less than the Buffer Level, the hypothetical Payment at Maturity for each \$1,000 Principal Amount of your Notes will equal:

Payment at Maturity = $\$1,000 + [\$1,000 \times 114.29\% \times (-14.85\% + 12.50\%)] = \973.14

Example 5: The Final Basket Level is less than the Buffer Level. The Payment at Maturity is less than the \$1,000 Principal Amount.

	Column A	Column B	Column C	Column D	Column E
Basket Component	Hypothetica Initial Index Level	Hypothetical Final Inde Level	xBasket Component Return	Component Weighting	Column C x Column D
EURO STOXX 50® Index	100.00	50.00	-50.00%	37.00%	-0.1850
FTSE® 100 Index	100.00	60.00	-40.00%	23.00%	-0.0920
TOPIX	100.00	60.00	-40.00%	23.00%	-0.0920
Swiss Market Index	100.00	65.00	-35.00%	9.00%	-0.0315
S&P/ASX 200 Index	100.00	55.00	-45.00%	8.00%	-0.0360

Final Basket Level = $100 \times [1 + (-0.1850 + -0.0920 + -0.0920 + -0.0315 + -0.0360)] = 56.35$

Percentage Change = (56.35 - 100.00) / 100.00 = -43.65%

In this example, the hypothetical Final Index Levels for all of the Basket Components are less than the applicable hypothetical Initial Index Levels, which results in the hypothetical Final Basket Level being less than the Initial Basket Level of 100.00. Since the hypothetical Final Basket Level of 56.35 is less than the Buffer Level, the hypothetical Payment at Maturity for each \$1,000 Principal Amount of your Notes will equal:

Payment at Maturity = $\$1,000 + [\$1,000 \times 114.29\% \times (-43.65\% + 12.50\%)] = \644.00

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 Basket 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 Basket Levels are expressed as percentages of the Initial Basket Level. The chart shows that any hypothetical Final Basket Level of less than 87.50% (the section left of the 87.50% 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 Basket Level of greater than or equal to 128.500% (the section right of the 128.500% 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 Basket that may not be achieved on the Valuation Date and on 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 Basket 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 any Basket Component and the market value of your Notes at any time prior to the Maturity Date. The actual amount that you will receive, if any, on the Maturity Date and the rate of return on the offered Notes will depend on the actual Final Basket 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 Basket Components

All disclosures contained in this pricing supplement regarding the Basket Components, including, without limitation, their make-up, methods of calculation, and changes in their components, have been derived from publicly available sources. The information reflects the policies of, and is subject to change by, the Index Sponsors. Each Index Sponsor, which owns the copyright and all other rights to the relevant Basket Component, has no obligation to continue to publish, and may discontinue publication of, the relevant Basket Component. The consequences of an Index Sponsor discontinuing publication of the relevant Basket Component are discussed in the section of the product prospectus supplement entitled "General Terms of the Notes — Unavailability of the Level of the Reference Asset." Neither we nor TDS accepts any responsibility for the calculation, maintenance or publication of any Basket Component or any successor index. None of the websites referenced in the Basket Component descriptions below, or any materials included in those websites, are incorporated by reference into this pricing supplement.

The EURO STOXX 50® Index ("SX5E")

The SX5E is a free-float market capitalization-weighted index of 50 European blue-chip stocks and was created by and is sponsored and maintained by STOXX Limited. Publication of the SX5E Index began on February 26, 1998, based on an initial index value of 1,000 at December 31, 1991. The level of the SX5E Index is disseminated on the STOXX Limited website. STOXX Limited is under no obligation to continue to publish the SX5E and may discontinue publication of it at any time. Additional information regarding the SX5E Index may be obtained from the STOXX Limited website: stoxx.com.

The top ten constituent stocks of the EURO STOXX 50® Index as of November 30, 2017, by weight, are: Total S.A. (4.88%), Siemens AG (3.99%), SAP SE (3.89%), Banco Santander S.A. (3.72%), Allianz SE (3.66%), Bayer AG (3.65%), Sanofi (3.62%), BASF SE (3.55%), Unilever N.V. (3.13%) and BNP Paribas (3.01%); constituent weights may be found at stoxx.com/download/indices/factsheets/SX5GT.pdf and are updated periodically.

As of November 30, 2017, the top ten industry sectors which comprise the EURO STOXX 50® Index represent the following weights in the index: Banks (15.4%), Industrial Goods & Services (10.7%), Chemicals (9.0%), Personal & Household Goods (9.0%), Technology (7.3%), Insurance (7.0%), Health Care (6.9%), Oil & Gas (6.3%), Automobiles & Parts (5.3%) and Utilities (5.3%); industry weightings may be found at stoxx.com/download/indices/factsheets/SX5GT.pdf and are updated periodically. Percentages may not sum to 100% due to rounding. Sector designations are determined by the Basket Component 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 November 30, 2017, the eight countries which comprise the EURO STOXX 50[®] Index represent the following weights in the index: Belgium (3.0%), Finland (1.0%), France (36.6%), Germany (33.3%), Ireland (1.0%), Italy (4.9%), Netherlands (10.1%) and Spain (10.2%); country weightings may be found at stoxx.com/download/indices/factsheets/SX5GT.pdf and are updated periodically.

The above information was derived from information prepared by the Basket Component sponsor, however, the percentages we have listed above are approximate and may not match the information available on the Basket Component sponsor's website due to subsequent corporation actions or other activity relating to a particular stock.

SX5E Composition.

The SX5E is composed of 50 underlier stocks chosen by STOXX Limited from the 19 EURO STOXX Supersector indices, which represent the Eurozone portion of the STOXX Europe 600 Supersector indices. The 19 supersectors from which stocks are selected for the SX5E are Automobiles & Parts, Banks, Basic Resources, Chemicals, Construction & Materials, Financial Services, Food & Beverages, Health Care, Industrial Goods & Services, Insurance, Media, Oil & Gas, Personal & Household Goods, Real Estate, Retail, Technology, Telecommunications, Travel & Leisure and Utilities, although stocks from each of these supersectors are not necessarily included at a given time.

Component Selection

The composition of the SX5E is reviewed by STOXX Limited annually in September. Within each of the 10 EURO STOXX Supersector indices, the respective index component stocks are ranked by free-float market capitalization. The largest stocks are added to the selection list until the coverage is close to, but still less than, 60% of the free-float market capitalization of the corresponding EURO STOXX Total Market Index Supersector Index. If the next highest-ranked stock brings the coverage closer to 60% in absolute terms, then it is also added to the selection list. All remaining stocks that are current SX5E components are then added to the selection list. The stocks on the selection list are then ranked by free-float market capitalization. The 40 largest stocks on the selection list are chosen as index components. The remaining 10 stocks are then selected from the largest current stocks ranked between 41 and 60. If the number of index components is still below 50, then the largest remaining stocks on the selection list are added until the SX5E contains 50

stocks. In exceptional cases, the STOXX Limited Management Board may make additions and deletions to the selection list. Companies allocated to a Eurozone country but not traded in Euros are not eligible for inclusion in the SX5E.

Ongoing Maintenance of Component Stocks

The component stocks of the SX5E are monitored on an ongoing monthly basis for deletion and quarterly basis for addition. Changes to the composition of the SX5E due to corporate actions (including mergers and takeovers, spin—offs, sector changes and bankruptcy) are announced immediately, implemented two trading days later and become effective on the next trading day after implementation.

The component stocks of the SX5E are subject to a "fast exit" rule. A component stock is deleted if it ranks 75 or below on the monthly selection list and it ranked 75 or below on the selection list of the previous month. The highest-ranked non-component stock will replace the exiting component stock. The SX5E is also subject to a "fast entry" rule. All stocks on the latest selection lists and initial public offering (IPO) stocks are reviewed for a fast-track addition on a quarterly basis. A stock is added if it qualifies for the latest blue-chip selection list generated at the end of February, May, August or November and if it ranks within the lower buffer (between 1 and 25) on the selection list. If added, the stock replaces the smallest component stock.

A deleted stock is replaced immediately to maintain the fixed number of stocks. The replacement is based on the latest monthly selection list. In the case of a merger or takeover where a component stock is involved, the original component stock is replaced by the new component stock. In the case of a spin-off, if the original stock was a component stock, then each spin-off stock qualifies for addition if it lies within the lower buffer (between 1 and 40) on the latest selection list. The largest qualifying spin-off stock replaces the original component stock, while the next qualifying spin-off stock replaces the lowest ranked component stock and likewise for other qualifying spin-off stocks.

The free float factors and outstanding number of shares for each underlier stock that STOXX Limited uses to calculate the SX5E, as described below, are reviewed, calculated and implemented on a quarterly basis and are fixed until the next quarterly review. Certain extraordinary adjustments to the free float factors and/or the number of outstanding shares are implemented and made effective more quickly. The timing depends on the magnitude of the change. Each component's weight is capped at 10% of the SX5E's total free float market capitalization. The free float factor reduces the underlier stock's number of shares to the actual amount available on the market. All holdings that are larger than five percent of the total outstanding number of shares and held on a long-term basis are excluded from the index calculation (including, but not limited to, stock owned by the company itself, stock owned by governments, stock owned by certain individuals or families, and restricted shares).

Index Calculation

STOXX Limited calculates the SX5E using the "Laspeyres formula," which measures the aggregate price changes in the underlier stocks against a fixed base quantity weight. The discussion below describes the "price return" calculation of the SX5E. The formula for calculating the SX5E value can be expressed as follows:

SX5E=Free Float Market Capitalization of the SX5E

Divisor

The "free float market capitalization of the SX5E" is equal to the sum of the product of the price, the number of shares, the free float factor and the weighting cap factor for each underlier stock as of the time the SX5E is being calculated. The index stocks trade in Euros and thus, no currency conversion is required. Where any index component stock price is unavailable on any trading day, the Basket Component sponsor will generally use the last reported price for such component stock.

In case the investability and tradability of the index and index based products is affected by an upcoming market or company event that is considered significant or "extreme" by the STOXX Management Board, the following actions or a combination of the following actions are taken. For all such changes a minimum notification period of two full trading days will be observed. The action scope may include but is not limited to:

application of expert judgment for index component pricing data, adjustment of operational procedures, postponement of index adjustments, adjustment of selection lists, change of weights of index constituents by adjusting the number of shares, free-float factors or weighting cap-factors, or adjustment of index compositions.

EURO STOXX 50® Divisor

The SX5E is calculated using a divisor that helps to maintain the continuity of the index's value so that corporate actions do not artificially increase or decrease the level of the SX5E.

The divisor is calculated by starting with the previous divisor in effect for the SX5E (which we call the "original divisor value") and multiplying it by a fraction, the numerator of which is the previous free float market capitalization of the SX5E, plus or minus the difference between the closing market capitalization of the SX5E and the adjusted closing market capitalization of the SX5E, and the denominator of which is the previous free float market capitalization of the SX5E. The adjusted free float market capitalization is calculated for stocks of companies that have experienced a corporate action of the type described below as of the time the new divisor value is being calculated using the free float market capitalization calculated with adjusted closing prices, the new number of shares, and the new free float factor minus the free float market capitalization calculated with that stock's original closing price, number of shares, and free float factor, in each case as used in calculating the original divisor value. Errors in divisor calculation are corrected on an intraday basis if discovered on the same day the new divisor is effective. If the error is discovered later, the error is corrected on an intraday basis if feasible and only if the error is considered significant by the STOXX Limited Management Board.

Divisor Adjustments

STOXX Limited adjusts the divisor for the SX5E to maintain the continuity of the SX5E values across changes due to corporate actions. Changes in weights due to corporate actions are distributed proportionally across all index components and equal an investment into the portfolio. The following is a summary of the adjustments to any underlier stock made for corporate actions and the effect of such adjustments on the divisor, where shareholders of the underlier stock will receive "B" new shares for every "A" share held (where applicable) and assuming that the version of the index to which your notes are linked is the price return version. All adjusted prices consider withholding taxes based on the new shares being distributed, using "B * (1 – withholding tax where applicable)".

(1) Special cash dividend:

Adjusted price = closing price - dividend announced by the company * (1 - withholding tax if applicable)

Divisor: decreases

(2) Split and reverse split:

Adjusted price = closing price * A / B

New number of shares = old number of shares * B / A

Divisor: no change

(3) Rights offering:

Adjusted price = (closing price *A + subscription price *B) / (A + B)

New number of shares = old number of shares *(A + B) / A

Divisor: increases

If the subscription price is not available or if the subscription price is equal to or greater than the closing price on the day before the effective date, then no adjustment is made.

Extremely dilutive rights issues having a share ratio larger or equal to 2000% (B/A≥20) are treated as follows:

STOXX will announce the deletion of the company from the index following the standard rules for index

replacements if sufficient notice of two trading days before the ex-date can be given.

The company may enter the index again at the next periodic index review, but only after the new rights issue shares have been listed.

Extremely dilutive rights issues for which two trading days' notice before the ex-date cannot be given, and all highly dilutive rights issues having a share ratio larger or equal to 200% (B/A>2) are treated as follows:

The rights issue shares are included into the index with a theoretical price on the ex-date;

The rights issue shares must be listed on an eligible stock exchange and tradable starting on the ex-date, otherwise, only a price adjustment is made and the rights are not included;

The rights issue shares will have the same parameters as the parent company;

The rights issue shares will be removed at the close of the day they start to trade with traded price being available; and The number of shares and weighting factors will be increased after the new rights issue shares have been listed.

(4) Stock dividend:

Adjusted price = closing price *A/(A + B)

New number of shares = old number of shares *(A + B) / A

Divisor: no change

(5) Stock dividend from treasury stock if treated as extraordinary dividend:

Adjusted close = close - close * B / (A + B)

Divisor: decreases

(6) Stock dividend of another company:

Adjusted price = (closing price * A – price of other company * B) / A

Divisor: decreases

(7) *Return of capital and share consolidation*:

Adjusted price = [closing price - capital return announced by company * (1- withholding tax)] * A / B

New number of shares = old number of shares * B / A

Divisor: decreases

(8) Repurchase of shares / self-tender:

Adjusted price = [(price before tender * old number of shares) – (tender price * number of tendered shares)] / (old number of shares – number of tendered shares)

New number of shares = old number of shares - number of tendered shares

Divisor: decreases

(9) *Spin- off*:

Adjusted price = (closing price * A – price of spin–off shares * B) / A

Divisor: decreases

(10) Combination stock distribution (dividend or split) and rights offering:

For this corporate action, the following additional assumptions apply:

Shareholders receive B new shares from the distribution and C new shares from the rights offering for every A share held; and

If A is not equal to one, all the following "new number of shares" formulae need to be divided by A.

If rights are applicable after stock distribution (one action applicable to another):

Adjusted price = [closing price * A + subscription price * C * (1 + B / A)] / [(A + B) * (1 + C / A)]

New number of shares = old number of shares * [(A + B) * (1 + C / A)] / A

Divisor: increases

If stock distribution is applicable after rights (one action applicable to another):

Adjusted price = (closing price * A + subscription price * C) / [(A + C) * (1 + B / A)]

New number of shares = old number of shares *[(A + C) * (1 + B / A)]

Divisor: increases

Stock distribution and rights (neither action is applicable to the other):

Adjusted price = (closing price *A + subscription price *C) / (A + B + C)

New number of shares = old number of shares *(A + B + C)/A

Divisor: increases

(11) Addition/deletion of a company

No price adjustments are made. The net change in market capitalization determines the divisor adjustment.

(12) Free float and shares changes

No price adjustments are made. The change in market capitalization determines the divisor adjustment.

The SX5E is the intellectual property of STOXX Limited, Zurich, Switzerland and/or its licensors ("Licensors"), which is used under license. The securities or other financial instruments based on the SX5E are in no way sponsored, endorsed, sold or promoted by STOXX and its Licensors and neither STOXX nor its Licensors shall have any liability with respect thereto.

License Agreement

We have entered into a non-exclusive license agreement with STOXX providing for the license to us and certain of our affiliated or subsidiary companies, in exchange for a fee, of the right to use indices owned and published by STOXX (including the SX5E) in connection with certain securities, including the Notes offered hereby.

The license agreement between us and STOXX requires that the following language be stated in this document:

STOXX has no relationship to us, other than the licensing of the SX5E and the related trademarks for use in connection with the Notes. STOXX does not:

sponsor, endorse, sell, or promote the Notes;

· recommend that any person invest in the Notes offered hereby or any other securities;

- · have any responsibility or liability for or make any decisions about the timing, amount, or pricing of the Notes;
- have any responsibility or liability for the administration, management, or marketing of the Notes; or consider the needs of the Notes or the holders of the Notes in determining, composing, or calculating the SX5E, or have any obligation to do so.

STOXX will not have any liability in connection with the Notes. Specifically:

STOXX does not make any warranty, express or implied, and disclaims any and all warranty concerning:

the results to be obtained by the Notes, the holders of the Notes or any other person in connection with the use of the SX5E and the data included in the SX5E;

• the accuracy or completeness of the SX5E and its data;

- the merchantability and the fitness for a particular purpose or use of the SX5E and its data;
- STOXX will have no liability for any errors, omissions, or interruptions in the SX5E or its data; and Under no circumstances will STOXX be liable for any lost profits or indirect, punitive, special, or consequential damages or losses, even if STOXX knows that they might occur.

The licensing agreement between us and STOXX is solely for their benefit and our benefit, and not for the benefit of the holders of the Notes or any other third parties.

The FTSE® 100 Index ("UKX")

The UKX is a market capitalization-weighted index of the 100 most highly capitalized U.K.-listed blue chip companies traded on the London Stock Exchange. The UKX Index is sponsored, calculated, published and disseminated by FTSE Russell, a company owned by the London Stock Exchange Group Companies that we refer to as FTSE. The UKX was first launched with a base level of 1,000 as of December 30, 1983. Additional information on the UKX is available from the following website: ftse.com/products/indices/uk. FTSE is under no obligation to continue to publish the UKX and may discontinue publication of the UKX at any time.

FTSE divides the 100 companies included in the UKX into 19 Industry Classification Benchmark supersectors: Oil & Gas, Chemicals, Basic Resources, Construction & Materials, Industrial Goods & Services, Automobiles & Parts, Food & Beverage, Personal & Household Goods, Health Care, Retail, Media, Travel & Leisure, Telecommunications, Utilities, Banks, Insurance, Real Estate, Financial Services and Technology.

Index Stock Weighting by Industry as of November 30, 2017

Industry*	Percentage**
Oil & Gas	15.32%
Personal & Household Goods	13.68%
Banks	13.56%
Health Care	9.18%
Basic Resources	7.56%
Industrial Goods & Services	6.54%
Insurance	6.11%
Telecommunications	4.32%
Food & Beverages	4.15%
Travel & Leisure	4.02%
Utilities	3.32%
Media	3.29%
Financial Services	2.44%
Retail	2.27%
Real Estate	1.20%
Construction & Materials	1.14%
Technology	1.01%
Chemicals	0.59%
Automobiles & Parts	0.28%

^{*} 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.

The top five constituent stocks of the FTSE® 100 Index as of November 30, 2017, by weight, are: HSBC Holdings PLC (7.80%); British American Tobacco PLC (5.68%); Royal Dutch Shell PLC (5.59%); BP PLC (4.99%); and Royal Dutch Shell PLC Class B (4.74%).

The above information was derived from information prepared by the Basket Component sponsor, however, the percentages we have listed above are approximate and may not match the information available on the Basket

^{**} Information provided by FTSE. Percentages may not sum to 100% due to rounding.

Component sponsor's website due to subsequent corporation actions or other activity relating to a particular stock.

UKX Composition and Selection Criteria

The UKX consists of the 100 largest U.K.-listed blue chip companies, based on full market capitalization, that pass screening tests for free-float and liquidity. The UKX is reviewed on a quarterly basis in March, June, September and December based on data from the close of business on the Tuesday before the first Friday of the review month. The FTSE Russell Europe, Middle East & Africa Regional Equity Advisory Committee, which we refer to as the Committee, meets quarterly to approve the constituents of the index. Any constituent changes are implemented after the close of business on the third Friday of the review month (i.e. effective Monday), following the expiration of the Intercontinental Exchange Futures Europe futures and options contracts.

Eligibility Standards

Only "premium listed" equity shares, as defined by the Financial Conduct Authority in its Listing Rules Sourcebook, are eligible for inclusion in the UKX. Eligible stocks must pass free-float and liquidity screens before being included in the index.

Free-Float Screen — With regard to free-float, a stock must have a minimum free float (as described below) of 25% if the issuing company is incorporated in the United Kingdom and 50% if it is a non-United Kingdom incorporated company. Companies with a free float of 5% or below are excluded from the UKX. A new company may be initially included in the index with a free float outside of the above parameters so long as it has an initial free float above 5% and it is expected to meet the minimum free float requirements within 12 months of its first day of trading.

Minimum Voting Rights Screen — Companies are required to have greater than 5% of the company's voting rights (aggregated across all of its equity securities, including, where identifiable, those that are not listed or trading) in the hands of unrestricted shareholders in order to be eligible for inclusion in the UKX. Current constituents who do not meet this requirement will have until the September 2022 review to meet the requirement or they will be removed from the UKX.

Liquidity Screen — With regard to liquidity, each eligible stock is tested for liquidity annually in June by calculating its median daily trading per month. When calculating the median of daily trades per month of any security, a minimum of 5 trading days in each month must exist, otherwise the month is excluded from the test. Liquidity is tested from the first business day in May of the previous year to the last business day of April. The median trade is calculated by ranking each daily trade total and selecting the middle-ranking day. Any period of suspension is not included in the test. The liquidity test is applied on a pro-rata basis where the testing period is less than 12 months. A stock not presently included in the UKX that does not turnover at least 0.025% of its shares in issue (after application of any investability weightings) based on its median daily trade per month in at least ten of the 12 months prior to the annual index review in June will not be eligible for inclusion until the next annual review. An existing constituent failing to trade at least 0.015% of its shares in issue (after the application of any investability weightings) based on its median daily trade per month for at least eight of the 12 months prior to the annual index review will be removed from the UKX and will not be eligible for inclusion until the next annual review. New issues must have a minimum trading record of at least 20 trading days prior to the review date and that they have turned over at least 0.025% of their shares in issue (after the application of any investability weightings) based on their median daily trade each month, on a pro-rata basis since premium listing or UK Nationality allocation date if non-UK incorporated.

Price— With regard to price, the Committee must be satisfied that an accurate and reliable price exists for purposes of determining the market value of a company. To be eligible for inclusion in the UKX, a stock must have a full listing on the London Stock Exchange with a Sterling-denominated price on SETS (SETS is the London Stock Exchange's trading service for, for among other securities, those included in the UKX).

Market Capitalization Ranking — Eligible stocks that pass the free-float and liquidity screens and that have an accurate and reliable price are ranked by the Committee according to their market capitalization before the application of any adjustments based on the extent to which the shares are publicly traded. Only the quoted equity capital of a constituent company will be included in the calculation of its market capitalization. Where a company has two or more classes of equity, secondary lines will be included in the calculation of the market capitalization of the company only if those lines are significant and liquid. The Committee will add a stock to the UKX at the quarterly review if it has risen to 90th place or above on the full market capitalization rankings and will delete a stock at the quarterly review if it has fallen to 111th place or below on these rankings. Market capitalization rankings are calculated using data as of the close of business on the day before the review.

100 Constituent Limitation — The UKX always contains 100 constituents. If a greater number of companies qualify to be inserted in the index than qualify to be removed, the lowest ranking constituents of the index will be removed so that the total number of stocks remains at 100 following inclusion of those that qualify to be inserted. Likewise, if a greater number of companies qualify to be removed than to be inserted at the quarterly review, securities of the highest ranking companies that are then not included in the UKX will be inserted to match the number of companies being removed, in order to maintain the total at 100.

UKX Calculation

The UKX is a market capitalization weighted index. This means that the price movement of a larger company (that is, one representing larger percentage of the index) will have a greater effect on the price of the index than will the price movement of a smaller company (that is, one representing a smaller percentage of the index).

The value of the UKX is represented by a fraction, (a) the numerator of which is the *sum* of the *product* of (i) the price of each component stock, (ii) the number of shares issued for each such component and (iii) a free float factor for each such component (described more fully below), and (b) the denominator of which is a divisor. The divisor represents the total issued share capital of the index on the base date; the divisor may be adjusted as necessary to allow for changes in issued share capital of individual securities without distorting the index.

As noted above, a free float factor is applied to each index component. By employing this approach, FTSE uses the investable market capitalization, not the total market capitalization, of each constituent to determine the value of the UKX. Investable market capitalization depends on free float. The following are excluded from free float: shares directly owned by state, regional, municipal and local governments (excluding shares held by independently managed pension schemes for governments); shares held by sovereign wealth funds where each holding is 10% or greater of the total number of shares in issue; shares held by directors, senior executives and managers of the company, and by their family and direct relations, and by companies with which they are affiliated; shares held within employee share plans; shares held by public companies or by non-listed subsidiaries of public companies; shares held by founders, promoters, former directors, founding venture capital and private equity firms, private companies and individuals (including employees) where the holding is 10% or greater of the total number of shares in issue; all shares where the holder is subject to a lock-in clause (for the duration of that clause, after which free float changes resulting from the expiration of a lock-in clause will be implemented at the next quarterly review subsequent to there being a minimum of 20 business days between the expiration date of such lock-in clause and the Tuesday before the first Friday of the review month; if the previously locked-in shares are sold by way of a corporate event (such as a secondary offering), any change to the free float will be applied T+2 following completion and therefore will not be subject to the minimum 20 business day rule); shares held by an investor, investment company or an investment fund that is actively participating in the management of a company or is holding shares for publicly announced strategic reasons or that has successfully placed a current member to the board of directors of a company; and shares that are subject to ongoing contractual agreements (such as swaps) where they would ordinarily be treated as restricted. In addition, while portfolio holdings such as pension funds, insurance funds or investment companies will generally not be considered as restricted from free float, where a single portfolio holding is 30% or greater it will be regarded as strategic and therefore restricted (and will remain restricted until the holding falls below 30%).

The UKX is recalculated whenever errors or distortions occur that are deemed to be significant. Users of the UKX are notified through appropriate media.

Index Maintenance

The UKX is reviewed quarterly for changes in free float. A constituent's free float is updated during the June review regardless of the size of the change. At the March, September and December quarterly updates, a constituent with a free float greater than 15% will have its free float updated if it moves by more than three percentage points above or below the existing free float. A constituent with a free float of 15% or below will be subject to a one percentage point threshold. Free float changes resulting from corporate events will not be subject to the percentage change requirements, and will be implemented in line with the event. If a constituent is the target of a tender offer but the conditions for removal from the UKX are not met, FTSE may implement a free float change when (i) the minimum acceptance level as stipulated by the acquirer has been met, (ii) shareholders have validly tendered and the shares have been irrevocably accepted for payment, and (iii) all pertinent offer conditions have been reasonably met.

At each quarterly review, the Committee publishes a Reserve List containing the six highest ranking non- constituents of the UKX. The Reserve List will be used in the event that one or more constituents are deleted from the index during the period up to the next quarterly review. If a merger or takeover results in one index constituent being absorbed by another constituent, the resulting company will remain a constituent and a vacancy will be created. This vacancy will be filled by selecting the highest ranking security in the Reserve List as at the close of the UKX calculation two days prior to the deletion and related index adjustment. If an index constituent is taken over by a non-constituent company, the original constituent will be removed and replaced by the highest ranking non-constituent on the Reserve List. Any eligible company resulting from the takeover will be eligible to become the replacement company if it is ranked higher than any other company on the Reserve List. If a constituent company is split to form two or more companies, then the resulting companies will be eligible for inclusion as UKX constituents, based on their respective full market capitalizations (before the application of any investability weightings), provided that they qualify in all other respects. Any eligible company resulting from a split that, after 20 business days, has no available market price and no known

trading date will be removed. If a split results in the inclusion of an ineligible non-equity security, such security will remain in the UKX for two trading days and then be removed. If a constituent is delisted or ceases to have a firm quotation, it will be removed from the list of constituents and be replaced by the highest ranking eligible company from the Reserve List. If a constituent is the target of a tender offer, it will normally be removed from the UKX with a minimum T+2 notice when either (a) offer acceptances reach 90%, shareholders have validly tendered and the shares have been irrevocably accepted for payment, and all pertinent offer conditions have been reasonably met and the acquirer has not explicitly stated that it does not intend to acquire the remaining shares; or (b) offer acceptances are below 90% and there is reason to believe that the remaining free float is under 5% based on information available at the time or, following completion of the offer, the acquirer has stated that the offer has been declared wholly unconditional.

Capitalization Adjustments

A secondary line of a company will be considered for index inclusion if its total market capitalization before the application of any adjustments based on the extent to which the shares are publicly traded, is greater than 25% of the total market capitalization of the company's principal line and the secondary line is eligible, in its own right. Should the total market capitalization of a secondary line fall below 20% of the total market capitalization of the company's principal line at an annual review, the secondary line will be deleted from the UKX unless its total market capitalization remains above the qualification level for continued inclusion as a constituent of the UKX at that review. Where a company has partly paid shares, these shares, together with the outstanding call(s), are both included in the UKX.

Share Weighting Changes — For the purposes of computing the UKX, to prevent a large number of insignificant weighting changes, the number of shares in issue for each constituent security is amended only when the total shares in issue held within the index system changes by more than 1% on a cumulative basis. Changes will be made quarterly after the close of business on the third Friday of March, June, September and December. The data for these changes will be taken from the close of business on the third Wednesday of the month prior to the review month.

If a corporate action is applied to a constituent which involves a change in the number of shares in issue, the change in shares will be applied simultaneously with the corporate action.

Shares in Issue Increase — When a company increases the number of shares it has in issue, the market capitalization of that company increases and the total market capitalization will rise accordingly. The index divisor is adjusted to maintain a constant index value.

Weighting Amendments — The market capitalization of a company is adjusted to take account of various corporate actions. To prevent the value of the UKX from changing due to such an event, all corporate actions which affect the market capitalization of the UKX require an offsetting divisor adjustment. By adjusting the divisor, the value of the UKX remains constant before and after the event. Below is a summary of the more frequent corporate actions and their resulting adjustment.

Type of Corporate Action	Adjustment	Adjustment to Divisor
Issue of new shares	Share weighting increased	Yes
Bonus issue of same stock or	Number of shares held before issue or split divided by number of	No
stock split	shares held after issue or split	INU

Rights Issues/Entitlement Offers -These are an entitlement issued to shareholders which give them the right to buy additional shares directly from the company in proportion to existing holdings. FTSE will only adjust the index to account for a right if the subscription price of the right is at a discount to the market price of the stock. Provided FTSE has been alerted to the rights offer prior to the ex-date, a price adjustment and share increase proportionate to the terms of the offer will be implemented before the open on the ex-date. The rights become attached to the shares on the ex-date.

Where the rights issue/entitlement offer subscription price remains unconfirmed on the ex-date, FTSE will estimate the subscription price using the value being raised and the offer terms. If the rights issue is greater than ten to one, FTSE will consider this "highly dilutive" and, to facilitate replication, will include on the ex-date a separate temporary line to reflect the market value of the rights (together with a temporary line at a fixed value to reflect the subscription cash) until the end of the subscription period, at which point the temporary lines will be deleted and the new shares will be consolidated into the existing share line.

Where the shares being issued are not entitled to the next dividend, FTSE will deviate from the standard index treatment and include on the ex-date a separate temporary line to reflect the market value of the rights (together with a temporary line at a fixed value to reflect the subscription cash). If the dividend ex-date occurs prior to the end of the rights subscription period, the temporary lines will be deleted and the new shares assimilated into the ordinary line at the open on the dividend ex-date. If the dividend ex-date occurs after the expiration of the rights subscription period, the temporary rights and cash line will be deleted after the close on the last day of the rights subscription period, and replaced by a temporary dummy line equal to the ordinary line close price minus the upcoming dividend. On the open of the ex-dividend date, the dummy line is deleted and the shares are aggregated with the ordinary line.

In the event the rights issue involves a non-constituent (including non-equity) and the value of the right cannot be determined, there will be no adjustment on the ex-date. If the rights are scheduled to trade, a rights line will be added to the index at a value of zero on the ex-date and will be deleted from the index at the market price when it

commences trading, with T+5 notice. If the rights have not commenced trading within 20 business days of the ex-date, they will be removed at zero value. No cash temporary line will be included as the index will not subscribe to the rights.

Where a company announces an open offer or a rights issue with an ex-entitlement date on the same day, FTSE will apply an index adjustment either before the market-open on the ex-entitlement day or as an intra-day adjustment as soon as possible thereafter. The adjustment will be applied based on the previous day's closing price with the new shares included in the index weighting at the open offer price.

In the case of an accelerated rights offer, where the ex-date is theoretical and typically not quoted by the exchange, shares are increased and a price adjustment is applied according to the terms of the offer before the open on the day the security resumes trading.

Market Disruption

If there is a system problem or situation in the market that is judged by FTSE to affect the quality of the constituent prices at any time when an index is being calculated, the index will be declared indicative (e.g. normally where a "fast market" exists in the equity market). The message "IND" will be displayed against the index value calculated by FTSE.

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TOPIX ("TPX")

TPX, also known as the Tokyo Price Index, is a capitalization weighted index of all the domestic common stocks listed on the First Section of the Tokyo Stock Exchange, Inc., which we refer to as the TSE. Domestic stocks admitted to the TSE are assigned either to the TSE First Section, the TSE Second Section or the TSE Mothers. Stocks listed in the First Section, which number approximately 1,700, are among the most actively traded stocks on the TSE. TPX is supplemented by the sub-basket components of the 33 industry sectors and was developed with a base index value of 100 as of January 4, 1968. TPX is calculated and published by TSE. Additional information about TPX is available on the following website: jpx.co.jp/english/markets/indices/topix.

TPX

Basket Component Stock Weighting by Sector as of November 30, 2017

Sector:	Percentage (%)
Air Transportation	0.61%
Banks	7.29%
Chemicals	7.28%
Construction	3.32%
Electric Appliances	13.94%
Electric Power & Gas	1.59%
Fishery, Agriculture & Forestry	0.10%
Foods	4.49%
Glass & Ceramics Products	1.02%
Information & Communication	7.79%
Insurance	2.26%
Iron & Steel	1.16%
Land Transportation	3.96%
Machinery	5.48%
Marine Transportation	0.24%
Metal Products	0.71%
Mining	0.31%
Nonferrous Metals	0.98%
Oil & Coal Products	0.63%
Other Financing Business	1.22%
Other Products	2.15%
Pharmaceutical	4.38%
Precision Instruments	1.61%
Pulp & Paper	0.26%
Real Estate	2.28%
Retail Trade	4.68%
Rubber Products	0.96%
Securities & Commodity Futures	0.99%
Services	4.21%
Textiles & Apparels	0.69%
Transportation Equipment	8.76%
Warehousing & Harbor Transportation Services	0.20%
Wholesale Trade	4.47%

^{*} Sector designations are determined by the Basket Component 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.

** Information provided by TSE. Percentages may not sum to 100% due to rounding.

TPX Composition and Maintenance

TPX is comprised of all domestic common stocks listed on the TSE First Section, excluding certain types of securities such as subscription warrant securities and preferred equity contribution securities. Companies scheduled to be delisted or newly listed companies that are still in the waiting period are excluded from the indices. TPX has no constituent review. The number of constituents will change according to new listings and delistings. The reasons for stock additions and deletions to the TSE First Section are described further below.

TPX Calculation

TPX is a free-float-adjusted market-capitalization-weighted index, which reflects movements in the market capitalization as measured from a base index value of 100 set on the base date of January 4, 1968.

TSE calculates TPX by *multiplying* the base index value of 100 by the *quotient* of the current free-float-adjusted market value *divided* by the base market value. The resulting value is not expressed in Japanese yen but presented as a number of points, rounded to the nearest one hundredth. The formula for calculating TPX value can be expressed as follows:

Current free-float - adjusted market value

Index value = Base index value of 100 x

Base market value

The current free-float-adjusted market value is the sum of the products of the price times the number of free-float-adjusted shares for each constituent stock.

The number of free-float-adjusted shares for this calculation is the total number of listed shares multiplied by free-float weight. The total number of listed shares used for this purpose is usually the same as the number of actual listed shares. However, in some cases these numbers will differ as a consequence of the index methodology. For instance, in the case of a stock split, the number of listed shares will increase on the additional listing date after the stock split becomes effective; on the other hand, the number of listed shares for index calculation purposes will increase on the ex- rights date.

Free-float weight is the weight of listed shares deemed to be available for trading in the market, and is determined and calculated by the TSE for each constituent stock. It is calculated by *subtracting* the *quotient* of non-free-float shares *divided by* listed shares *from* one. Free-float weight is reviewed once a year in order to reflect the latest distribution of share ownership. The TSE estimates non-free-float shares using publicly available documents, and generally deems shares held by the top ten major shareholders (with certain exceptions), treasury stocks and shares held by members of the issuer's board of directors to be unavailable for trading in the market. The TSE may deem other shares to be unavailable for trading in the market. The timing of the yearly free-float-weight review is different according to the settlement terms of listed companies. In addition to the yearly review, extraordinary reviews may be conducted for events TSE expects will significantly affect the free-float weight. These include when new shares are allocated to a third party, preferred shares are converted or subscription warrants are exercised, as well as in the event of a company spin-off, merger, stock-swap, take-over bid and other events TSE judges deem will significantly affect free-float weight.

In the event of any increase or decrease in the current free-float-adjusted market value due to causes other than fluctuations in the stock market, such as public offerings or changes in the number of listed companies in the TSE

First Section, adjustments are made by TSE to the base market value in order to maintain the continuity of TPX.

Additions and Deletions to the TSE First Section (and therefore, TPX)

TSE adds or removes securities for various listing and delisting events as shown in the table below.

Additions and Deletions of Constituents

	Event	Adjustment Date	Stock Price Used for Adjustment
Addition	A company is to be newly listed or the TSE First Section (directly listed or via another stock exchange)	Last business day of the month after such listing	Stock price at the end of trading on the business day before adjustment date
Addition	New listing of a newly formed company resulting from a corporate consolidation,	New listing date. If the initial listing date falls on a holiday, it will be the following business day	Base price
Addition	Assignment to the TSE First Section from the TSE Second Section, Tokyo Stock Exchange Mothers Index or JASDAQ Index.	weight of 0.00 is used from the assignment date to the month after the assignment date and thus the	Stock price at the end of trading on the business day before adjustment date
Deletion	New listing of a newly formed company resulting from a corporate consolidation, acquisition, merger or split (personnel split) that results in a TPX or Ex-TPX constituent being delisted and the new company being included in TPX.	Listing date of the newly formed	Stock price at the end of trading on the business day before delisting date. The stock price at the end of trading on the business day before the delisting date is used to calculate TPX for the period from the delisting date to the removal date
Deletion	A constituent is to be delisted due to a reason other than as described in the preceding scenario		Stock price at the end of trading on the business day before adjustment date
Deletion	A constituent's securities are designated to be delisted	Four business days after designation. If the designation date falls on a holiday, it will be the next business day	Stock price at the end of trading on the business day before adjustment date
The adjus	Assignment to the TSE Second Section or JASDAQ from the TSE First Section sted base market value will equal the market value on the business day be	Date of change e old base market value <i>multiplied</i>	Stock price at the end of trading on the business day before adjustment date by the <i>quotient</i> of the free-float-

The adjusted base market value will equal the old base market value *multiplied* by the *quotient* of the free-float-adjusted market value on the business day before the adjustment date *plus* or *minus*, as applicable, the adjustment amount *divided* by the free-float-adjusted market value on the business day before the adjustment date.

The adjustment amount for the foregoing calculation will be an amount equal to the *product* of the change (the absolute value of the increase or decrease) in the number of shares used for index calculations *times* the price of the shares used for adjustment.

Changes in the number of shares and the price of the shares for adjustments to the base market value will be made as described in the table below.

Change in the Number of Shares

Event	Adjustment Date	Stock Price Used for	
Event	Augustinent Dute	Adjustment	
Change of free-float weight	Date of change	Stock price at the end of trading on the business day before adjustment date	
Public offering	Additional listing date (day after payment date). If listing date falls on a holiday, it will be the next business day	Stock price at the end of trading on the business day before adjustment date	
Allocation of new shares to a third party	Five business days after additional listing date (two business days after payment date)	Stock price at the end of trading on the business day before adjustment date	
Issues to shareholders with payment	Ex-rights date	Payment price per share	
Exercise of subscription warrants	Last business day of the month following exercise	Stock price at the end of trading on the business day before adjustment date	
Conversion of preferred shares	Last business day of the month following conversion	Stock price at the end of trading on the business day before adjustment date	
Cancellation of treasury stock	Last business day of the month following cancellation	Stock price at the end of trading on the business day before adjustment date	
Merger or acquisitions between a non- surviving constituent and another constituent	Delisting date of the non-surviving constituent	Stock price at the end of trading on the business day before adjustment date	
Merger or acquisitions other than that described above	Listing change date (effective date)	Stock price at the end of trading on the business day before adjustment date	
Rights offering	Ex-rights date	Payment price per share	
Offering for sale of shares held by the Japanese government (Nippon Telegraph and Telephone and Japan Tobacco only)	Date determined by TSE (generally the delivery date)	Stock price at the end of trading on the business day before adjustment date Stock price at the end of	
Company split (merged split)	Listing change date (the effective date)	trading on the business day before adjustment date	
Other adjustments	Last business day of the month in which the information appears in "Sho-ho" (TSE Notice) the last business day of the following month	Stock price at the end of	
No adjustments will be made to the base market value in the case of a stock split or reverse stock split.			

Retroactive adjustments will not be made to revise the figures of the index that have already been calculated and disseminated even if issuing companies file amendments on previously released information.

Market Disruption

If trading in a certain constituent is halted, the TSE regards the constituent's share price for purposes of calculating TPX to be unchanged. Where an event that is not specified in the rules of TPX occurs, or if the TSE decides that it is impossible to use its existing methods to calculate TPX, the TSE may use an alternate method of index calculation as it deems valid.

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The Swiss Market Index ("SMI")

The SMI:

was first launched with a base level of 1,500 as of June 30, 1988; and is sponsored, calculated, published and disseminated by SIX Group Ltd., certain of its subsidiaries, and the Management Committee of the SIX Swiss Exchange (the "Exchange").

The SMI is a price return float-adjusted market capitalization-weighted index of the 20 largest stocks traded on the Swiss Stock Exchange. The Exchange has outsourced the calculation and determination of index constituents as described below, to a specialized third-party financial service provider. All matters regarding the SMI that require a decision, including regarding processes outsourced to a specialized third-party financial service provider, are submitted to the Management Committee. The Management Committee of SIX Swiss Exchange is supported by an Index Commission (advisory board) in all index-related matters, notably in connection with changes to the SMI rules and adjustments, additions and exclusions outside of the established review and acceptance period. The Index Commission meets at least twice annually.

As of December 30, 2016, the top ten constituents of the index (and their respective weightings in the index) were: Nestle SA (22.72%); Novartis AG (19.45%); Roche Holding AG (16.33%); UBS Group AG (5.75%); Zurich Insurance Group AG (4.22%); ABB Ltd (4.00%); Syngenta (3.72%); Compagnie Financiere Richemont SA (3.52%); Swiss Re AG (3.11%) and Credit Suisse Group AG (2.89%).

As of December 30, 2016, the ICB industry sectors in the index (and their respective weights) were: Basic Materials (5.21%), Consumer Goods (27.21%), Financials (17.90%), Health Care (38.16%), Industrials (10.36%) and Telecommunications (1.16%) (may not sum to 100% due to rounding). 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.

SMI® Composition and Selection Criteria

The SMI is comprised of the 20 highest ranked stocks traded on the Exchange that have a free float of 20% or more and that are not investment companies. The equity universe is largely Swiss domestic companies, although in some cases foreign issuers with a primary listing on the Exchange that submit to certain reporting requirements or investment companies that do not hold any shares of any other eligible company and that have a primary listing on the Exchange may be included.

The ranking of each security is determined by a combination of the following criteria:

average free-float market capitalization over the last 12 months (compared to the capitalization of the entire SIX Exchange index family), and

cumulative on order book turnover over the last 12 months (compared to the total turnover of the SIX Exchange index family).

Each of these two factors is assigned a 50% weighting in ranking the stocks eligible for the SMI.

The SMI is reconstituted annually after prior notice of at least two months on the third Friday in September after the close of trading. For companies that were listed during the last 12 months, the cumulated on order book turnover generally excludes the first 5 trading days in the calculation. The ordinary index reconstitution is based on data from the previous July 1 through June 30. Provisional interim selection (ranking) lists based on the average free-float

market capitalization and cumulative on order book turnover over the last 12 months are also published at the cut off dates March 31, September 30 and December 31.

In order to reduce turnover, an index constituent will not be replaced unless it is ranked below 23 or, if it is ranked 21 or 22, if another share ranks 18 or higher. If a company has primary listings on several exchanges and less than 50% of that company's total turnover is generated on the Exchange, it will not be included in the SMI unless it ranks at least 18 or better on the selection list solely on the basis of its turnover on those exchanges on which it has a primary listing (i.e., without considering its free float).

Maintenance of the SMI

Constituent Changes. In the case of major market changes as a result of capital events such as mergers or new listings, the Management Committee of SIX Swiss Exchange can decide at the request of the Index Commission that a security should be admitted to the SMI outside the annual review period as long as it clearly fulfills the criteria for inclusion. For the same reasons, a security can also be excluded if the requirements for admission to the SMI are no longer fulfilled. As a general rule, extraordinary acceptances into the SMI take place after a three-month period on a quarterly basis after the close of trading on the third Friday of March, June, September and December (for example, a security listed on or before the 5th trading day prior to the end of November cannot be included until the following March). If a delisting has been confirmed, it will be removed from the SMI at the next upcoming ordinary quarterly adjustment date (March, June, September and December) with a notice period of at least five days. An announced insolvency is deemed to be an extraordinary event and the security will be removed from the SMI with five trading days' prior notice if the circumstances permit such notice.

Capped Weightings and Intra-Quarter Breaches. The weight of any index constituent that exceeds a weight of 18% within the SMI is reduced to that value at each ordinary quarterly adjustment date by applying a capping factor to the calculation of such constituent's free float market capitalization. A constituent's number of shares and free float figure are used to determine its capping factor. The excess weight (the difference of the original weight minus the capped weight) is distributed proportionally across the other index constituents. The constituents are also capped to 18% as soon as two index constituents exceed a weight of 20% (an "intra-quarter breach"). If an intra-quarter breach is observed after the close of the markets, a new calculation of the capping factors is executed immediately and communicated to the market in order to ensure that the maximum weight per constituent is capped at 18% for the opening on the next day. In order to achieve a capped weighting while attempting to not cause market distortion, a stepwise reduction is conducted based on the ordinary quarterly index adjustment reviews to ensure that no change in the weight (as a result of capping) from one review to the next exceeds 3%. The transition period is in effect until no component has a weight larger than 18%. In the case of an intra-quarter breach where two index constituents exceed 20%, the weights are limited to the last defined weights as of the prior review.

<u>Number of Shares and Free Float.</u> The securities included in the SMI are weighted according to their free float. This means that shares deemed to be in firm hands are subtracted from the total market capitalization of that company. The free float is calculated on the basis of outstanding shares. Issued and outstanding equity capital is, as a rule, the total amount of equity capital that has been fully subscribed and wholly or partially paid in and documented in the Commercial Register. Not counting as issued and outstanding equity capital are the approved capital and the conditional capital of a company. The free float is calculated on the basis of listed shares only. If a company offers several different categories of listed participation rights, each is treated separately for the purposes of index calculation.

Fundamentally deemed to be shares held in firm hands are shareholdings that have been acquired by one person or a group of persons in companies domiciled in Switzerland and which, upon exceeding 5%, have been reported to the Exchange. Shares of persons and groups of persons who are subject to a shareholder agreement which is binding for more than 5% of the listed shares or who, according to publicly known facts, have a long-term interest in a company are also deemed to be in firm hands.

For the calculation of the number of shares in firm hands, the Exchange may also use other sources than the reports submitted to it. In particular, the Exchange may use data gained from issuer surveys that it conducts itself.

In general, shares held by custodian nominees, trustee companies, investment funds, pension funds and investment companies are deemed free-floating regardless of whether a report has been made to the Exchange. The Exchange classifies at its own discretion persons and groups of persons who, because of their area of activity or the absence of important information, cannot be clearly assigned.

The free-float rule applies only to bearer shares and registered shares. Capital issued in the form of participation certificates ("Partizipationsscheine") and bonus certificates ("Genussscheine") is taken into full account in calculating the SMI because it does not confer voting rights.

The number of securities in the SMI and the free-float factors are adjusted after the close of trading on four adjustment dates per year, the third Friday of March, June, September and December. Such changes are provisionally pre-announced at least one month before the adjustment date, although the index sponsor reserves the right to take account of recent changes up to five trading days before the adjustment date in the actual adjustment.

In order to avoid frequent slight changes to the weighting and to maintain the stability of the SMI, any extraordinary change of the total number of outstanding securities or the free float will only result in an extraordinary adjustment if it exceeds 10% and 5% respectively, occurs from one trading to the next and is in conjunction with a corporate action.

After a takeover, the index sponsor may, in exceptional cases, adjust the free float of the company in question upon publication of the end results after a five-day notification period or may exclude the security from the relevant index family. When an insolvency has been announced, an extraordinary adjustment will be made and the affected security will be removed from the SMI after five trading days' notice, and a replacement will be determined based on the current selection list.

The index sponsor reserves the right to make an extraordinary adjustment, in exceptional cases, without observing the notification period.

Calculation of the Index

The index sponsor calculates the SMI using the "Laspeyres formula," with a weighted arithmetic mean of a defined number of securities issues. The formula for calculating the index value can be expressed as follows:

Swiss Market = Free Float Market Capitalization of the SMI® Index Divisor

The "free float market capitalization of the SMI" is equal to the sum of the product of the last-paid price, the number of shares, the free float factor, the capping factor and, if a foreign stock is included, the current CHF exchange rate as of the time the index value is being calculated. (As of October 3, 2014, all stocks in the SMI are denominated in Swiss Francs, known as CHF). The index value is calculated in real time and is updated whenever a trade is made in a component stock. Where any index component stock price is unavailable on any trading day, the index sponsor will use the last reported price for such component stock. Only prices from the Exchange's electronic order book are used in calculating the SMI.

Divisor Value and Adjustments

The divisor is a technical number used to calculate the SMI and is adjusted to reflect changes in market capitalization due to corporate events. The divisor value as of September 8, 2017 is 116,373,876.

Below are common corporate events and their impact on the divisor of the SMI.

Event		
		Regular cash dividend
Repayments of capital through reduction of a share's par value	No	
Special dividends, anniversary bonds and other extraordinary payments that, contrary to the company's	Yes	
usual dividend policy, are paid out or declared extraordinary.	168	
Share dividends (company's own shares)	No	
Share dividend (shares of another company)	Yes	
The index sponsor reserves the right to respond to any other corporate events with divisor adjustments or, in		
extraordinary circumstances, to depart from the provisions set forth above.		

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