This pricing supplement, which is not complete and may be changed, relates to an effective Registration Statement under the Securities Act of 1933. This pricing supplement and the accompanying product supplement, prospectus supplement and prospectus are not an offer to sell these securities in any country or jurisdiction where such an offer would not be permitted.

## **Bank of America**



July 2023 Preliminary Pricing Supplement - Subject to Comp Dated July 24, 2023 (To Prospectus dated December 30, 2022, Series A Prospectus Supplement dated December 30, 2022 and Product Supplement EQUITY-1 dated December 30, 2022) Filed Pursuant to Rule 424(b)(2) Registration Statement Nos. 333-268718 and 333-268718-01

## **BofA Finance LLC**

STRUCTURED INVESTMENTS Opportunities in U.S. and International Equities

Contingent Income Auto-Callable Securities due July 30, 2026

Payments on the Securities Based on the Worst Performing of the S&P 500® Index, the EURO STOXX 50® Index and the NASDAQ-100® Index

Fully and Unconditionally Guaranteed by Bank of America Corporation

Principal at Risk Securities

The securities do not guarantee the repayment of principal and do not provide for the regular payment of interest. Instead, the securities will pay a contingent quarterly coupon but only if the index closing value of each of the S&P 500<sup>®</sup> Index, the EURO STOXX 50<sup>®</sup> Index and the NASDAQ-100<sup>®</sup> Index on each index business day during the applicable quarterly observation period is at or above 75% of its respective initial index value, which we refer to as the respective coupon barrier level. If the index closing value of any underlying index is less than the coupon barrier level for such index on any index business day during an observation period, we will pay no contingent quarterly coupon for the related quarterly period. In addition, starting six months after the original issue date, the securities will be automatically redeemed if the index closing value of each underlying index is greater than or equal to its respective initial index value on any quarterly redemption determination date, for the early redemption payment equal to the sum of the stated principal amount plus any contingent quarterly coupon otherwise due with respect to the related observation period. No further payments will be made on the securities once they have been redeemed. At maturity, if the securities have not previously been redeemed and the final index value of each underlying index is greater than or equal to 65% of the respective initial index value, which we refer to as the downside threshold level, the payment at maturity will be the stated principal amount and, if payable, the contingent quarterly coupon otherwise due with respect to the final observation period. If, however, the final index value of any underlying index is less than its downside threshold level, investors will be exposed to the decline in the worst performing underlying index on a 1-to-1 basis and will receive a payment at maturity that is less than 65% of the stated principal amount of the securities and could be zero. Accordingly, investors in the securities must be willing to accept the risk of losing their entire initial investment based on the performance of any underlying index and also the risk of not receiving any quarterly coupons during the entire 3-year term of the securities. Because payments on the securities are based on the worst performing of the underlying indices, a decline beyond the respective coupon barrier level on any index business day during an observation period and/or beyond the respective downside threshold level on the final observation date, as applicable, of any underlying index will result in the forfeiture of contingent quarterly coupons and/or a significant loss of your investment, as applicable, even if the other underlying indices have appreciated or have not declined as much. Investors will not participate in any appreciation in any underlying index. The securities are for investors who are willing to risk their principal and seek an opportunity to earn contingent quarterly coupon payments at a potentially above-market rate in exchange for the risk of receiving no contingent quarterly coupon payments if **any underlying index** closes below the coupon barrier level for such index on any index business day during the related observation period, and in exchange for the possibility of an automatic early redemption of the securities prior to maturity. The securities are fully and unconditionally guaranteed by Bank of America Corporation ("BAC"). The securities are fully and the securities are subject to the credit risk of BofA Finance, as issuer of the securities, and BAC, as guarantor of the securities. If we default on our obligations, you could lose some or all of your

investment. These securities are not secured obligations and you will not have any security interest in, or otherwise have any access to, any underlying reference asset or assets

Issuer:	BofA Finance		
Guarantor:	BAC		
Underlying indices:	The S&P 500 <sup>®</sup> Index (Bloomberg symbol: "SPX"), the	EURO STOXX 50 <sup>®</sup> Index (Bloomberg symbol: "SX5E") and the NASDAQ-	100 <sup>®</sup> Index (Bloomberg symbol "NDX")
Aggregate principal amount:	\$		, , , , , , , , , , , , , , , , , , , ,
Stated principal amount:	\$1,000 per security		
Issue price:	\$1,000 per security (see "Commissions and issue price	ce" below)	
Pricing date:	July 26, 2023		
Original issue date:	July 31, 2023 (3 business days after the pricing date)		
Maturity date:	July 30, 2026		
Early Redemption:	determination date, beginning on January 26, 2024, the automatically redeemed for the early redemption pays	mption until six months after the original issue date. Following this 6-month he index closing value of each underlying index is greater than or equal to it ment on the related early redemption date. No further payments will be made y redemption date if the index closing value of any underlying index is below	s respective initial index value, the securities will be e on the securities once they have been redeemed.
Contingent quarterly coupon:	pay a contingent quarterly coupon of at least \$22.50 p actual contingent quarterly coupon will be determined If, on any index business day during an observation quarterly coupon will be paid with respect to that obse any index business day during most or all of the o coupons.	n period, the index closing value of any underlying index is less than the or avation period. It is possible that one or more underlying indices will clo observation periods throughout the entire term of the securities so that	er annum) on the related coupon payment date. The coupon barrier level for such index, no contingent ose below the respective coupon barrier level(s) on you will receive few or no contingent quarterly
Payment at maturity:	If the final index value of <b>each</b> underlying quarterly coupon otherwise due with resp If the final index value of <b>any</b> underlying i	investors will receive on the maturity date a payment at maturity determined index is greater than or equal to its respective downside threshold level: 1 ect to the final observation period. index is less than its respective downside threshold level: (i) the stated prin index. Under these circumstances, the payment at maturity will be less than index.	the stated principal amount and, if payable, the contingent cipal amount <i>multiplied by</i> (ii) the index performance
			Terms continued on the following page
Agent:	BofA Securities, Inc. ("BofAS"), an affiliate of BofA Fir	nance	
Estimated value on the pricing date:	Between \$920.00 and \$970.00 per \$1,000 in principa	I amount of securities, which is less than the price to public listed below. The See "Structuring the securities" in this pricing supplement.	e actual value of your securities at any time will reflect
Commissions and issue price:	Price to public	Agent's commissions and fees	Proceeds to BofA Finance
Per security	\$1,000.00	\$20.00 <sup>(1)</sup>	
		\$5.00 <sup>(2)</sup>	\$975.00

Total

(1) Morgan Stanley Wealth Management and its financial advisors will collectively receive from the agent, BofAS, a fixed sales commission of \$20.00 for each security they sell. See "Supplement to the plan of distribution; role of BofAS and conflicts of interest" in this pricing supplement. (2) Reflects a structuring fee payable to Morgan Stanley Wealth Management by the agent or its affiliates of \$5,00 for each security.

\$

(2) Reflects a structuring fee payable to Morgan Stanley Wealth Management by the agent or its adfiliates of \$5.00 for each security.
 There are important differences between the securities and a conventional debt security. Potential purchasers of the accompanying prospectus.
 None of the Securities and Exchange Commission (the "SEC"), any state securities commission, or any other regulatory body has approved or disapproved of these securities or determined if this pricing supplement and the accompanying prospectus.
 The securities and Exchange Commission (the "SEC"), any state securities commission, or any other regulatory body has approved or disapproved of these securities or determined if this pricing supplement and the accompanying product supplement, page 25.6 of the accompanying product supplement, page 25.6 of the accompanying product supplement, and page 7 of the accompanying product supplement, page 25.6 of information about us, BAC and this offering, each of which can be accessed via the hyperlinks below. Please also see "Additional Terms of the Securities" in this pric

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Contingent Income Auto	p-Callable Securities due July 30, 2026
Payments on the Securities	Based on the Worst Performing of the S&P 500 <sup>®</sup> Index, the EURO STOXX 50 <sup>®</sup> Index and the NASDAQ-100 <sup>®</sup> Index
Principal at Risk Securities	
Terms continued from p	revious page:
Early redemption	The early redemption payment will be an amount equal to (i) the stated principal amount plus (ii) any contingent quarterly coupon otherwise due with respect to
payment:	the related observation period.
Redemption	Quarterly, as set forth under "Observation Period End-Dates, Redemption Determination Dates, Coupon Payment Dates and Early Redemption Dates" below,
determination dates:	subject to postponement for non-trading days and certain market disruption events.
Early redemption	Quarterly, as set forth under "Observation Period End-Dates, Redemption Determination Dates, Coupon Payment Dates and Early Redemption Dates" below.
dates:	If any such day is not a business day, the early redemption payment, if payable, will be made on the next succeeding business day and no adjustment will be made to any early redemption payment made on that succeeding business day.
Initial index value:	With respect to the SPX: which is the index closing value of such index on the pricing date
	With respect to the SX5E: , which is the index closing value of such index on the pricing date
	With respect to the NDX: , which is the index closing value of such index on the pricing date
Final index value:	With respect to each underlying index, the respective index closing value on the final observation date
Worst performing underlying index:	The underlying index with the largest percentage decrease from the respective initial index value to the respective final index value
Index performance factor:	With respect to each underlying index, final index value divided by the initial index value
Coupon barrier level:	With respect to the SPX: , which is 75% of the initial index value for such index With respect to the SX5E: , which is 75% of the initial index value for such index With respect to the NDX: , which is 75% of the initial index value for such index
Downside threshold	With respect to the SPX: , which is 65% of the initial index value for such index
level:	With respect to the SX5E: , which is 65% of the initial index value for such index
	With respect to the NDX: , which is 65% of the initial index value for such index
Coupon payment dates:	Quarterly, as set forth under "Observation Period End-Dates, Redemption Determination Dates, Coupon Payment Dates and Early Redemption Dates" below.
Final observation date:	July 27, 2026, subject to postponement as set forth in "Description of the Notes—Certain Terms of the Notes—Events Relating to Observation Dates" beginning on page PS-23 of the accompanying product supplement.
Observation period	Quarterly, as set forth under "Observation Period End-Dates, Redemption Determination Dates, Coupon Payment Dates and Early Redemption Dates" below,
end-dates:	subject to postponement as set forth in "Description of the Notes—Certain Terms of the Notes—Events Relating to Observation Dates" beginning on page PS- 23 of the accompanying product supplement, with references therein to "Observation Date" to be read as references to "Observation Period End-Date."
Observation period:	Each observation period will consist of each index business day from but excluding an observation period end-date to and including the following observation
	period end-date, excluding any date or dates that the calculation agent determines is not an index business day with respect to any underlying index; provided
	that the first observation period will consist of each index business day from but excluding the pricing date to and including the first observation period end- date.
CUSIP / ISIN:	09711ACR7 / US09711ACR77
Listing:	The securities will not be listed on any securities exchange.

## Observation Period End-Dates, Redemption Determination Dates, Coupon Payment Dates and Early Redemption Dates

Observation Period End-Dates/ Redemption Determination Dates	Coupon Payment Dates / Early Redemption Dates
October 26, 2023*	October 31, 2023**
January 26, 2024	January 31, 2024
April 26, 2024	May 2, 2024
July 26, 2024	July 31, 2024
October 28, 2024	October 31, 2024
January 27, 2025	January 30, 2025
April 28, 2025	May 2, 2025
July 28, 2025	July 31, 2025
October 27, 2025	October 30, 2025
January 26, 2026	January 29, 2026
April 27, 2026	April 30, 2026
July 27, 2026* (final observation date)	July 30, 2026** (maturity date)

\*Denotes that such date is not a "Redemption Determination Date" \*\*Denotes that such date is not a "Early Redemption Date"

The pricing date, issue date and other dates set forth above are subject to change, and will be set forth in the final pricing supplement relating to the securities.

July 2023

Payments on the Securities Based on the Worst Performing of the S&P 500<sup>®</sup> Index, the EURO STOXX 50<sup>®</sup> Index and the NASDAQ-100<sup>®</sup> Index Principal at Risk Securities

## **Investment Overview**

## **Contingent Income Auto-Callable Securities**

## **Principal at Risk Securities**

Contingent Income Auto-Callable Securities due July 30, 2026 Payments on the Securities Based on the Worst Performing of the S&P 500<sup>®</sup> Index, the EURO STOXX 50<sup>®</sup> Index and the NASDAQ-100<sup>®</sup> Index (the "securities") do not guarantee the repayment of principal and do not provide for the regular payment of interest. Instead, the securities will pay a contingent quarterly coupon **but only if** the index closing value of **each of the S&P 500<sup>®</sup> Index, the EURO STOXX 50<sup>®</sup> Index and the NASDAQ-100<sup>®</sup> Index on <b>each index business day** during the applicable quarterly observation period is **at or above 75% of its respective initial index value**, which we refer to as the respective coupon barrier level. If the index closing value **of any underlying index** is less than the coupon barrier level for such index on **any index business day** during an observation period, we will pay no contingent quarterly coupon for the related quarterly period. In addition, starting six months after the original issue date, the securities will be automatically redeemed if the index closing value of each underlying index is greater than or equal to its respective initial index value **on any quarterly redemption determination date**, for the early redemption payment equal to the sum of the stated principal amount plus any contingent quarterly coupon otherwise due with respect to the related observation period. No further payments will be made on the securities once they have been redeemed. At maturity, if the securities have not previously been redeemed and the final index value of **each** underlying index is greater than or equal to 65% of the respective initial index value, which we refer to as the downside threshold level, the payment at maturity will be the stated principal amount and, if payable, the contingent quarterly coupon otherwise due with respect to the final observation period. If, however, the final index value of **any** underlying index is less than 65% of the stated principal amount of the securities and could be zero. According

	Maturity:	Approximately 3 years, unless automatically redeemed earlier.
Contingent quarterly coupon:		If, on <b>each index business day</b> during an observation period, the index closing value of <b>each underlying index</b> is <b>greater than or equal to</b> its respective coupon barrier level, we will pay a contingent quarterly coupon of at least \$22.50 per security (equal to a rate of at least 2.25% per quarter or at least 9.00% per annum) on the related coupon payment date. The actual contingent quarterly coupon will be determined on the pricing date.
		If, on any index business day during an observation period, the index closing value of any underlying index is less than the coupon barrier level for such index, no contingent quarterly coupon will be paid with respect to that observation period. It is possible that one or more underlying indices will close below the respective coupon barrier level(s) on any index business day during most or all of the observation periods throughout the entire term of the securities so that you will receive few or no contingent quarterly coupons.
	Automatic early redemption (beginning after six months):	If, on any redemption determination date, beginning on January 26, 2024, the index closing value of each underlying index is greater than or equal to its respective initial index value, the securities will be automatically redeemed on the related early redemption date for an early redemption payment equal to the stated principal amount <i>plus</i> any contingent quarterly coupon payment otherwise due with respect to the related observation period. No further payments will be made on the securities once they have been redeemed.
	Payment at maturity:	If the securities have not previously been redeemed, investors will receive on the maturity date a payment at maturity determined as follows:
		If the final index value of each underlying index is greater than or equal to its respective downside threshold level: the stated principal amount and, if payable, the contingent quarterly coupon otherwise due with respect to the final observation period.
		If the final index value of <b>any</b> underlying index is <b>less than</b> its respective downside threshold level: (i) the stated principal amount <i>multiplied by</i> (ii) the index performance factor of the worst performing underlying index. Under these circumstances, the payment at maturity will be less than 65% of the stated principal amount of the securities and could be zero.

Any payments on the securities depend on the credit risk of BofA Finance, as issuer, and BAC, as guarantor, and on the performance of the underlying indices. The economic terms of the securities are based on BAC's internal funding rate, which is the rate it would pay to borrow funds through the issuance of market-linked notes, and the economic terms of certain related hedging arrangements BAC's affiliates enter into. BAC's internal funding rate is typically lower than the rate it would pay when it issues conventional fixed or floating rate debt securities. This difference in funding rate, as well as the agent's commissions and fees, if any, and the hedging related charges described below (see "Risk

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Payments on the Securities Based on the Worst Performing of the S&P 500<sup>®</sup> Index, the EURO STOXX 50<sup>®</sup> Index and the NASDAQ-100<sup>®</sup> Index Principal at Risk Securities

Factors" beginning on page 11), will reduce the economic terms of the securities to you and the initial estimated value of the securities. Due to these factors, the public offering price you pay to purchase the securities will be greater than the initial estimated value of the securities as of the pricing date.

The initial estimated value range of the securities is set forth on the cover page of this pricing supplement. The final pricing supplement will set forth the initial estimated value of the securities as of the pricing date. For more information about the initial estimated value and the structuring of the securities, see "Risk Factors" beginning on page 11 and "Structuring the securities" on page 24.

The securities are our senior debt securities. Any payments on the securities are fully and unconditionally guaranteed by BAC. The securities and the related guarantee are not insured by the Federal Deposit Insurance Corporation or secured by collateral. The securities will rank equally in right of payment with all of our other unsecured and unsubordinated obligations, except obligations that are subject to any priorities or preferences by law. The related guarantee will rank equally in right of payment with all of BAC's other unsecured and unsubordinated obligations, except obligations that are subject to any priorities or preferences by law. And senior to its subordinated obligations. Any payments due on the securities, including any repayment of the principal amount, will be subject to the credit risk of BofA Finance, as issuer, and BAC, as guarantor.

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Payments on the Securities Based on the Worst Performing of the S&P 500<sup>®</sup> Index, the EURO STOXX 50<sup>®</sup> Index and the NASDAQ-100<sup>®</sup> Index Principal at Risk Securities

## **Key Investment Rationale**

The securities do not provide for the regular payment of interest and instead will pay a contingent quarterly coupon **but only if** the index closing value of **each underlying index** is **at or above** 75% of its initial index value, which we refer to as the respective coupon barrier level, on **each index business day** during the related observation period. These securities are for investors who are willing to risk their principal and seek an opportunity to earn contingent quarterly coupon payments at a potentially above-market rate in exchange for the risk of receiving no contingent quarterly coupon payments if **any** underlying index closes below the coupon barrier level for such index on **any index business day** during the related observation period, and the risk of an automatic early redemption of the securities. The following scenarios are for illustration purposes only to demonstrate how the payment at maturity and contingent quarterly coupon (if the securities have not previously been redeemed) are determined, and do not attempt to demonstrate every situation that may occur. Accordingly, the securities may or may not be automatically redeemed, the contingent quarterly coupon may be payable with respect to none of, or some but not all of, the quarterly periods, and the payment at maturity may be less than 65% of the stated principal amount and could be zero. Investors will not participate in any appreciation in any underlying index.

Scenario 1: The securities are redeemed prior to maturity.	This scenario assumes that prior to the early redemption, each underlying index closes at or above its respective coupon barrier level on <b>each</b> <b>index business day</b> during some or all of the quarterly observation periods. In this scenario, investors receive the contingent quarterly coupon with respect to each such observation period, but not for the quarterly periods for which one or more underlying indices close below the respective coupon barrier level on <b>any index business day</b> during such observation period.
	Starting after six months, if <b>each</b> underlying index closes at or above its respective <b>initial index value</b> on a quarterly redemption determination date, the securities will be automatically redeemed for the stated principal amount <i>plus</i> any contingent quarterly coupon otherwise due with respect to the related observation period. No further payments will be made on the securities once they have been redeemed.
<b>Scenario 2:</b> The securities are not redeemed prior to maturity, and investors receive principal back at maturity.	This scenario assumes that each underlying index closes at or above its respective coupon barrier level on <b>each index business day</b> during some but not all quarterly observation periods, and each underlying index closes below its respective initial index value on every quarterly redemption determination date. Consequently, the securities are not automatically redeemed and investors will receive the contingent quarterly coupon for the quarterly periods for which the index closing value of <b>each</b> underlying index is at or above its respective coupon barrier level on <b>each index business day</b> during such observation period, but not for the quarterly periods for which one or more underlying indices close below the respective coupon barrier level(s) on <b>any index business day</b> during such observation period. On the final observation date, each underlying index closes at or above its downside threshold level. At maturity, investors receive the stated principal amount and, if payable, the contingent quarterly coupon with respect to the final observation period.
Scenario 3: The securities are not redeemed prior to maturity, and investors suffer a substantial loss of principal at maturity.	This scenario assumes that one or more underlying indices close below the respective coupon barrier level(s) on at least one index business day during each quarterly observation period, and each underlying index closes below its respective initial index value on every quarterly redemption determination date. Consequently, the securities are not automatically redeemed and, since one or more underlying indices close below the respective coupon barrier level(s) on at least one index business day during every quarterly observation period, investors do not receive any contingent quarterly coupons. On the final observation date, one or more underlying indices close below the respective downside threshold level(s). At maturity, investors will receive an amount equal to the stated principal amount multiplied by the index performance factor of the worst performing underlying index. Under these circumstances, the payment at maturity will be less than 65% of the stated principal amount and could be zero.
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Payments on the Securities Based on the Worst Performing of the S&P 500<sup>®</sup> Index, the EURO STOXX 50<sup>®</sup> Index and the NASDAQ-100<sup>®</sup> Index Principal at Risk Securities

## How the Securities Work

The following diagrams illustrate the potential outcomes for the securities depending on (1) the index closing values on each index business day during each quarterly observation period, (2) the index closing values on each quarterly redemption determination date (starting after six months) and (3) the final index values. Please see "Hypothetical Examples" beginning on page 7 for illustration of hypothetical payouts on the securities.

## Diagram #1: Contingent Quarterly Coupons (Beginning on the First Coupon Payment Date until Early Redemption or Maturity)

## **Quarterly Observation Periods**

Compare the index closing value of each underlying index against the respective coupon barrier level until the final observation date or any earlier redemption.

The index closing value of each underlying index is greater than or equal to its coupon barrier level on each index business day during the observation period

The index closing value of any underlying index is **less than** its coupon barrier level on any index business day during the observation period

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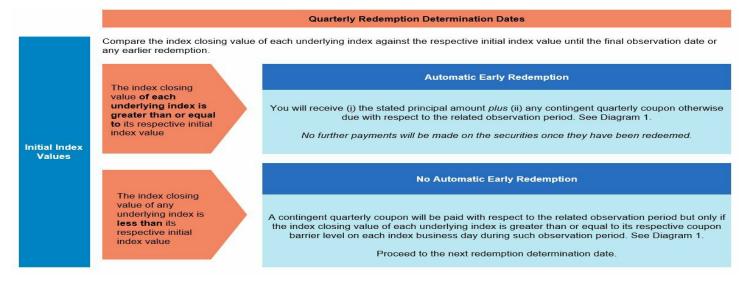
Coupon

Barrier Levels You will receive the contingent quarterly coupon with respect to the related observation period.

No contingent quarterly coupon with respect to the related observation period.

Payments on the Securities Based on the Worst Performing of the S&P 500<sup>®</sup> Index, the EURO STOXX 50<sup>®</sup> Index and the NASDAQ-100<sup>®</sup> Index Principal at Risk Securities

## Diagram #2: Automatic Early Redemption (Starting after Six Months)



## Diagram #3: Payment at Maturity if No Automatic Early Redemption Occurs

Redemption Determination Dates	Final Observation Date	Payment at Maturity
The index closing value of any underlying index is less than its initial index value on each redemption determination date.		
	The final index value of each underlying index is greater than or equal to its downside threshold level	The stated principal amount and, if payable, the contingent quarterly coupon otherwise due with respect to the final observation period.
Proceed to maturity	The final index value of any underlying index is less than its downside threshold level	(i) The stated principal amount multiplied by (ii) the index performance factor of the worst performing underlying index. The payment at maturity will be less than 65% of the stated principal amount and could be zero. No contingent quarterly coupon will be paid at maturity in this scenario.

For more information about the payout upon an early redemption or at maturity in different hypothetical scenarios, see "Hypothetical Examples" starting on page 7.

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Payments on the Securities Based on the Worst Performing of the S&P 500<sup>®</sup> Index, the EURO STOXX 50<sup>®</sup> Index and the NASDAQ-100<sup>®</sup> Index Principal at Risk Securities

## Underlying Indices Summary

All disclosures contained in this pricing supplement regarding the underlying indices, including, without limitation, their make-up, method 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 sponsor of the SPX, the sponsor of the SX5E and the sponsor of the NDX (collectively, the "underlying index sponsors"). The underlying index sponsors, which license the copyright and all other rights to the underlying indices, have no obligation to continue to publish, and may discontinue publication of, the underlying indices. The consequences of any underlying index sponsor discontinuing publication of the applicable underlying index are discussed in "Description of the Notes — Discontinuance of an Index" in the accompanying product supplement. None of us, the guarantor, the calculation agent, or BofAS accepts any responsibility for the calculation, maintenance or publication of any underlying index or any successor index. None of us, the guarantor, BofAS or any of our other affiliates makes any representation to you as to the future performance of the underlying indices. You should make your own investigation into the underlying indices.

## S&P 500<sup>®</sup> Index

The SPX includes a representative sample of 500 companies in leading industries of the U.S. economy. The SPX is intended to provide an indication of the pattern of common stock price movement. The calculation of the level of the SPX is based on the relative value of the aggregate market value of the common stocks of 500 companies as of a particular time compared to the aggregate average market value of the common stocks of 500 similar companies during the base period of the years 1941 through 1943.

Information as of market close on July 20, 2023:

SPX 4,534.87 3,959.90 4,565.72 2,577.02
3,577.03

For additional historical information, see "S&P 500<sup>®</sup> Index Historical Performance" below. For additional information about the S&P 500<sup>®</sup> Index, see the information set forth in "Annex A— The S&P 500<sup>®</sup> Index" below.

## EURO STOXX 50<sup>®</sup> Index

The SX5E is composed of 50 stocks from 11 Eurozone countries (Austria, Belgium, Finland, France, Germany, Ireland, Italy, Luxembourg, the Netherlands, Portugal and Spain) of the STOXX Europe 600 Supersector indices. The STOXX 600 Supersector indices contain the 600 largest stocks traded on the major exchanges of 18 European countries and are organized into the following 20 Supersectors: automobiles & parts; banks; basic resources; chemicals; construction & materials; consumer products & services; energy; financial services; food, beverages & tobacco; health care; industrial goods & services; insurance; media; personal care, drug & grocery stores; real estate; retailers; technology; telecommunications; travel & leisure; and utilities.

Information as of market close on July 20, 2023:

Bloomberg Ticker Symbol:	SX5E
Current Index Value:	4,373.73
52 Weeks Ago:	3,959.90
52 Week High (on March 21, 2023):	4,408.59
52 Week Low (on September 29, 2022):	3,279.04

For additional historical information, see "EURO STOXX 50<sup>®</sup> Index Historical Performance" below. For additional information about the EURO STOXX 50<sup>®</sup> Index, see the information set forth in "Annex B—The EURO STOXX 50<sup>®</sup> Index" below.

## NASDAQ-100<sup>®</sup> Index

The NASDAQ-100<sup>®</sup> Index, which is calculated, maintained and published by Nasdaq, Inc., is a modified capitalization-weighted index of 100 of the largest and most actively traded equity securities of non-financial companies listed on The NASDAQ Stock Market LLC. The NASDAQ-100<sup>®</sup> Index includes companies across a variety of major industry groups. At any moment in time, the value of the NASDAQ-100<sup>®</sup> Index equals the aggregate value of the then-current NASDAQ-100<sup>®</sup> Index share weights of each of the NASDAQ-100<sup>®</sup> Index component securities, which are based on the total shares outstanding of each such NASDAQ-100<sup>®</sup> Index component security, multiplied by each such security's respective last sale price on NASDAQ (which may be the official closing price published by NASDAQ), and divided by a scaling factor, which becomes the basis for the reported NASDAQ-100<sup>®</sup> Index value.

Information as of market close on July 20, 2023:

July 2023

Payments on the Securities Based on the Worst Performing of the S&P 500<sup>®</sup> Index, the EURO STOXX 50<sup>®</sup> Index and the NASDAQ-100<sup>®</sup> Index Principal at Risk Securities

Bloomberg Ticker Symbol:	NDX
Current Index Value:	15,466.09
52 Weeks Ago:	12,439.68
52 Week High (on July 18, 2023):	15,841.35
52 Week Low (on December 28, 2022):	10,679.34

For additional historical information, see "NASDAQ-100<sup>®</sup> Index Historical Performance" below. For additional information about the NASDAQ-100<sup>®</sup> Index, see the information set forth in "Annex C—The NASDAQ-100<sup>®</sup> Index" below.

July 2023

Payments on the Securities Based on the Worst Performing of the S&P 500<sup>®</sup> Index, the EURO STOXX 50<sup>®</sup> Index and the NASDAQ-100<sup>®</sup> Index Principal at Risk Securities

## Hypothetical Examples

The following hypothetical examples illustrate how to determine whether a contingent quarterly coupon is paid with respect to an observation period and how to calculate the payment at maturity, if any, assuming the securities have not been automatically redeemed. The following examples are for illustrative purposes only. Whether you receive a contingent quarterly coupon will be determined by reference to the index closing value of each underlying index on each index business day during an observation period, and the amount you will receive at maturity, if any, will be determined by reference to the final index value of each underlying index on the final observation date. The actual initial index value, coupon barrier level, and downside threshold level for each underlying index will be determined on the pricing date. All payments on the securities are subject to issuer and guarantor credit risk. The below examples are based on the following terms:

Contingent Quarterly Coupon:	If, on each index business day during an observation period, the index closing value of each underlying index is greater than or equal to its respective coupon barrier level, we will pay a contingent quarterly coupon of at least \$22.50 per security (equal to a rate of at least 2.25% per quarter or at least 9.00% per annum) on the related coupon payment date. The actual contingent quarterly coupon will be determined on the pricing date.
	If, on any index business day during an observation period, the index closing value of any underlying index is less than the coupon barrier level for such index, no contingent quarterly coupon will be paid with respect to that observation period. It is possible that one or more underlying indices will close below the respective coupon barrier level(s) on any index business day during most or all of the observation periods throughout the entire term of the securities so that you will receive few or no contingent quarterly coupons.
Automatic early redemption (beginning after six months):	If, on any redemption determination date, beginning on January 26, 2024, the index closing value of each underlying index is greater than or equal to its respective initial index value, the securities will be automatically redeemed for an early redemption payment on the related early redemption date equal to the stated principal amount plus any contingent quarterly coupon otherwise due with respect to the relevant observation period. No further payments will be made on the securities once they have been redeemed.
Payment at Maturity (if the securities	If the final index value of each underlying index is greater than or equal to its respective downside threshold level: the stated principal amount and, if payable, the contingent quarterly coupon otherwise due with respect to the final observation period.
have not been redeemed early):	If the final index value of any underlying index is less than its respective downside threshold level: (i) the stated principal amount multiplied by (ii) the
	index performance factor of the worst performing underlying index. Under these circumstances, the payment at maturity will be less than 65% of the
	stated principal amount of the securities and could be zero.
Stated Principal Amount:	\$1,000
Hypothetical Initial Index Value:	With respect to the SPX: 4,000 With respect to the SX5E: 4,000 With respect to the NDX: 12,000
Hypothetical Coupon Barrier Level:	With respect to the SPX: 3,000, which is 75% of the hypothetical initial index value for such index With respect to the SX5E: 3,000, which is 75% of the hypothetical initial index value for such index With respect to the NDX: 9,000, which is 75% of the hypothetical initial index value for such index
Hypothetical Downside Threshold Level:	With respect to the SPX: 2,600, which is 65% of the hypothetical initial index value for such index With respect to the SX5E: 2,600, which is 65% of the hypothetical initial index value for such index With respect to the NDX: 7,800, which is 65% of the hypothetical initial index value for such index
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## How to determine whether a contingent quarterly coupon is payable with respect to an observation period (if the securities have not been previously redeemed):

Lowest Index Closing Value During Observation Period				Contingent Quarterly Coupon	
	SPX	SX5E	NDX	, , , , , , , , , , , , , , , , , , , ,	
Example 1	3,700 (at or above coupon barrier level on each index business day during the related observation period)	3,600 (at or above coupon barrier level on each index business day during the related observation period)	11,400 (at or above coupon barrier level on each index business day during the related observation period)	\$22.50	
Example 2	3,700 (at or above coupon barrier level on each index business day during the related observation period)	3,600 ( <b>at or above</b> coupon barrier level on <b>each index business day</b> during the related observation period)	7,000 ( <b>below</b> coupon barrier level on <b>at least</b> <b>one index business day</b> during the related observation period)	\$0	
Example 3	2,100 ( <b>below</b> coupon barrier level on <b>at least one</b> <b>index business day</b> during the related observation period)	2,200 (below coupon barrier level on at least one index business day during the related observation period)	9,600 (at or above coupon barrier level on each index business day during the related observation period)	\$0	
Example 4	2,000 ( <b>below</b> coupon barrier level on <b>at least one</b> <b>index business day</b> during the related observation period)	2,100 (below coupon barrier level on at least one index business day during the related observation period)	7,100 (below coupon barrier level on at least one index business day during the related observation period)	\$0	

In example 1, the SPX, the SX5E and the NDX all close at or above their respective coupon barrier levels on each index business day during the related observation period. Therefore a contingent quarterly coupon of \$22.50 per security is paid on the relevant coupon payment date.

In each of the examples 2 and 3, one or more underlying indices close below their respective coupon barrier levels on at least one index business day during the related observation period. Therefore, no contingent quarterly coupon is paid on the relevant coupon payment date.

In example 4, each underlying index closes below its respective coupon barrier level on at least one index business day during the related observation period and accordingly no contingent quarterly coupon is paid on the relevant coupon payment date.

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## How to calculate the payment at maturity (if the securities have not been automatically redeemed):

Starting after six months, if the index closing value of each underlying index is greater than or equal to its initial index value on any quarterly redemption determination date, the securities will be automatically redeemed for an early redemption payment equal to the stated principal amount for each security you hold plus any contingent quarterly coupon otherwise due with respect to the related observation period.

The examples below illustrate how to calculate the payment at maturity if the securities have not been automatically redeemed prior to maturity.

		Final Index Value		Payment at Maturity
	SPX	SX5E	NDX	
Example 1:	4,500 ( <b>at or above</b> the downside threshold level)	4,400 ( <b>at or above</b> the downside threshold level)	12,200 ( <b>at or above</b> the downside threshold level)	\$1,000 and, if payable, the contingent quarterly coupon with respect to the final observation period
Example 2:	3,600 ( <b>at or above</b> the downside threshold level)	3,800 ( <b>at or above</b> the downside threshold level)	4,800 ( <b>below</b> the downside threshold level)	\$1,000 x index performance factor of the worst performing underlying index = \$1,000 x (4,800 / 12,000) = \$400
Example 3:	2,000 ( <b>below</b> the downside threshold level)	1,600 ( <b>below</b> the downside threshold level)	9,600 ( <b>at or above</b> the downside threshold level)	\$1,000 x (1,600 / 4,000) = \$400
Example 4:	1,800 ( <b>below</b> the downside threshold level)	1,200 ( <b>below</b> the downside threshold level)	4,800 ( <b>below</b> the downside threshold level)	\$1,000 x (1,200 / 4,000) = \$300
Example 5:	1,200 ( <b>below</b> the downside threshold level)	1,600 ( <b>below</b> the downside threshold level)	6,000 ( <b>below</b> the downside threshold level)	\$1,000 x (1,200 / 4,000) = \$300

In example 1, the final index values of the SPX, SX5E and NDX are at or above their respective downside threshold levels. Therefore, investors receive at maturity the stated principal amount of the securities and, if payable, the contingent quarterly coupon with respect to the final observation period. Investors do not participate in the appreciation of any underlying index.

In examples 2 and 3, the final index value(s) of one or two of the underlying indices are at or above the respective downside threshold level(s) but the final index value(s) of one or both of the other underlying indices are below their respective downside level(s). Therefore, investors are exposed to the downside performance of the worst performing underlying index at maturity and receive at maturity an amount equal to the stated principal amount *times* the index performance factor of the worst performing underlying index.

Similarly, in examples 4 and 5, the final index value of each underlying index is below its respective downside threshold level, and investors receive at maturity an amount equal to the stated principal amount *times* the index performance factor of the worst performing underlying index. In example 4, the SPX has declined 55% from its initial index value to its final index value, the SX5E has declined 70% from its initial index value to its final index value and the NDX has declined 60% from its initial index value to its final index value. Therefore, the payment at maturity equals the stated principal amount *times* the index performance factor of the SX5E, which is the worst performing underlying index in this example. In example 5, the SPX has declined 70% from its initial index value to its final index value, the SX5E has declined 60% from its initial index value to its final index value, the payment at maturity equals the stated principal amount *times* the index performance factor of the SX5E, which is the worst performing underlying index in this example. In example 5, the SPX has declined 70% from its initial index value to its final index value, the SX5E has declined 60% from its initial index value to its final index value. Therefore, the payment at maturity equals the stated principal amount *times* the index performance factor of the SX5E.

If the securities have not been redeemed prior to maturity and the final index value of ANY underlying index is below its respective downside threshold level, you will be exposed to the downside performance of the worst performing underlying index at maturity, and your payment at maturity will be less than \$650 per security and could be zero.

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## **Risk Factors**

Your investment in the securities entails significant risks, many of which differ from those of a conventional debt security. Your decision to purchase the securities should be made only after carefully considering the risks of an investment in the securities, including those discussed below, with your advisors in light of your particular circumstances. The securities are not an appropriate investment for you if you are not knowledgeable about significant elements of the securities or financial matters in general. You should carefully review the more detailed explanation of risks relating to the securities in the "Risk Factors" sections beginning on page PS-5 of the accompanying product supplement, page S-6 of the accompanying prospectus supplement and page 7 of the accompanying prospectus, each as identified on the cover page of this pricing supplement.

## Structure-related Risks

- Your investment may result in a loss; there is no guaranteed return of principal. There is no fixed principal repayment amount on the securities at maturity. If the securities are not
  automatically called prior to maturity and the final index value of any underlying index is less than its downside threshold level, at maturity, your investment will be subject to 1:1 downside
  exposure to decreases in the value of the worst performing underlying index and you will lose 1% of the principal amount for each 1% that the final index value of the worst performing
  underlying index is less than its initial index value. In that case, you will lose a significant portion or all of your investment in the securities.
- Your return on the securities is limited to the return represented by the contingent quarterly coupons, if any, over the term of the securities. Your return on the securities is limited to the contingent quarterly coupons paid over the term of the securities, regardless of the extent to which the index closing value or final index value of any underlying index exceeds its coupon barrier level or initial index value, as applicable. Similarly, the amount payable at maturity or upon an early redemption will never exceed the sum of the principal amount and the applicable contingent quarterly coupon, regardless of the extent to which the index closing value of any underlying index value. In contrast, a direct investment in the securities included in one or more of the underlying indices would allow you to receive the benefit of any appreciation in their values. Any return on the securities will not reflect the return you would realize if you actually owned those securities and received the dividends paid or distributions made on them.
- The securities are subject to a potential automatic early redemption, which would limit your ability to receive the contingent quarterly coupons over the full term of the securities. Beginning in January 2024, the securities will be automatically redeemed if, on any redemption determination date, the index closing value of each underlying index is greater than or equal to its respective initial index value. If the securities are automatically redeemed prior to the maturity date, you will be entitled to receive the early redemption payment on the related early redemption date and no further amounts will be payable following the automatic early redemption. In this case, you will lose the opportunity to continue to receive contingent quarterly coupons after the date of the automatic early redemption. If the securities are called prior to the maturity date, you may be unable to invest in other securities with a similar level of risk that could provide a return that is similar to the securities.
- You may not receive any contingent quarterly coupons. The securities do not provide for any regular fixed coupon payments. Investors in the securities will not necessarily receive any contingent quarterly coupons on the securities. If the index closing value of any underlying index is less than its coupon barrier level on any index business day during the applicable observation period, you will not receive the contingent quarterly coupon applicable to that observation period. If the index closing value of any underlying index is less than its coupon barrier level on any index business day during all of the observation periods during the term of the securities, you will not receive any contingent quarterly coupons during the term of the securities, and will not receive a positive return on the securities.
- Your return on the securities may be less than the yield on a conventional debt security of comparable maturity. Any return that you receive on the securities may be less than the return you would earn if you purchased a conventional debt security with the same maturity date. As a result, your investment in the securities may not reflect the full opportunity cost to you when you consider factors, such as inflation, that affect the time value of money. In addition, if interest rates increase during the term of the securities, the contingent quarterly coupon (if any) may be less than the yield on a conventional debt security of comparable maturity.
- The payment at maturity will not reflect changes in the levels of the underlying indices other than on the final observation date. The levels of the underlying indices during the term of the securities other than on the final observation date will not affect the payment at maturity. Notwithstanding the foregoing, investors should generally be aware of the performance of the underlying indices may influence the market value of the securities and the payment of any contingent quarterly coupons. The calculation agent will calculate the payment at maturity by comparing only the initial index value or the downside threshold level, as applicable, to the final index value of the securities are not automatically redeemed prior to maturity, and the final index value of the worst performing underlying indices its downside threshold level, you will receive less than the principal amount at maturity even if the level of each underlying index was always above its downside threshold level prior to the final observation date.
- Because the securities are linked to the worst performing (and not the average performance) of the underlying indices, you may not receive any return on the securities and may lose a significant portion or all of your investment in the securities even if the index closing value or final index value of one underlying index is greater than or equal to its coupon barrier level or downside threshold level, as applicable. Your securities are linked to the worst performing of the underlying indices, and a change in the level of one underlying index may not correlate with changes in the level of either of the other underlying indices. The securities are not linked to a basket composed of the underlying indices, where the depreciation in the level of one underlying index could be offset to some extent by the appreciation in the level of either of the other underlying indices. In the case of the securities, the individual

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performance of each underlying index would not be combined, and the depreciation in the level of one underlying index would not be offset by any appreciation in the level of the other underlying indices. Even if the index closing value of an underlying index is at or above its coupon barrier level on each index business day during the applicable observation period, you will not receive the contingent quarterly coupon with respect to that observation period if the index closing value of another underlying index is below its coupon barrier level on any index business day during the applicable observation period. In addition, even if the final index value of an underlying index is at or above its downside threshold level, you will lose a significant portion or all of your investment in the securities if the final index value of the worst performing underlying index is below its downside threshold level.

# Any payments on the securities are subject to our credit risk and the credit risk of the guarantor, and any actual or perceived changes in our or the guarantor's creditworthiness are expected to affect the value of the securities. The securities are our senior unsecured debt securities. Any payment on the securities will be fully and unconditionally guaranteed by the guarantor. The securities are not guaranteed by any entity other than the guarantor. As a result, your receipt of all payments on the securities will be dependent upon our ability and the ability of the guarantor to repay our respective obligations under the securities on the applicable payment date, regardless of the index closing value of the worst performing underlying index as compared to its coupon barrier level, downside threshold level or initial index value, as applicable. No assurance can be given as to what our financial condition or the financial condition of the guarantor will be on any payment date, including the maturity date. If we and the guarantor become unable to meet our respective financial obligations as they become due, you may not receive the amounts payable under the terms of the securities and you could lose all of your initial investment.

In addition, our credit ratings and the credit ratings of the guarantor are assessments by ratings agencies of our respective abilities to pay our obligations. Consequently, our or the guarantor's perceived creditworthiness and actual or anticipated decreases in our or the guarantor's credit ratings or increases in the spread between the yield on our respective securities and the yield on U.S. Treasury securities (the "credit spread") prior to the maturity date may adversely affect the market value of the securities. However, because your return on the securities depends upon factors in addition to our ability and the ability of the guarantor to pay our respective obligations, such as the values of the underlying indices, an improvement in our or the guarantor will be on any payment date, including the maturity date. If we and the guarantor become unable to meet our respective financial obligations as they become due, you may not receive the amounts payable under the terms of the securities and you could lose all of your initial investment.

• We are a finance subsidiary and, as such, have no independent assets, operations, or revenues. We are a finance subsidiary of the guarantor, have no operations other than those related to the issuance, administration and repayment of our debt securities that are guaranteed by the guarantor, and are dependent upon the guarantor and/or its other subsidiaries to meet our obligations under the securities in the ordinary course. Therefore, our ability to make payments on the securities may be limited.

## Valuation- and Market-related Risks

- The price to public you pay for the securities will exceed their initial estimated value. The range of initial estimated values of the securities that is provided on the cover page of this pricing supplement, and the initial estimated value as of the pricing date that will be provided in the final pricing supplement, are each estimates only, determined as of a particular point in time by reference to our and our affiliates' pricing models. These pricing models consider certain assumptions and variables, including our credit spreads and those of the guarantor, the guarantor's internal funding rate, mid-market terms on hedging transactions, expectations on interest rates, dividends and volatility, price-sensitivity analysis, and the expected term of the securities. These pricing models rely in part on certain forecasts about future events, which may prove to be incorrect. If you attempt to sell the securities prior to maturity, their market value may be lower than the price you paid for them and lower than their initial estimated value. This is due to, among other things, changes in the levels of the underlying indices, changes in the guarantor's internal funding rate, and the inclusion in the price to public of the agent's commissions and fees, if any, and the hedging related charges, all as further described in "Structuring the securities below. These factors, together with various credit, market and economic factors over the term of the securities, are expected to reduce the price at which you may be able to sell the securities in any secondary market and will affect the value of the securities in complex and unpredictable ways.
- The initial estimated value does not represent a minimum or maximum price at which we, BAC, BofAS or any of our other affiliates would be willing to purchase your securities in any secondary market (if any exists) at any time. The value of your securities at any time after issuance will vary based on many factors that cannot be predicted with accuracy, including the performance of the underlying indices, our and BAC's creditworthiness and changes in market conditions.
- We cannot assure you that a trading market for your securities will ever develop or be maintained. We will not list the securities on any securities exchange. We cannot predict how
  the securities will trade in any secondary market or whether that market will be liquid or illiquid.

## **Conflict-related Risks**

Trading and hedging activities by us, the guarantor and any of our other affiliates, including BofAS, may create conflicts of interest with you and may affect your return on the securities and their market value. We, the guarantor or one or more of our other affiliates, including BofAS, may buy or sell the securities held by or included in the underlying indices, or futures or options contracts or exchange traded instruments on the underlying indices or those securities, or other instruments whose value is derived from the underlying indices, except to the extent that BAC's common stock may be included in the underlying indices, we, the guarantor and our other affiliates, including BofAS, may from time to time own securities presented by the underlying indices, except to the extent that BAC's common stock may be included in the underlying indices, we, the guarantor and our other affiliates, including BofAS, do not control any company included in the underlying indices, and have not verified any disclosure made by any other company. We, the guarantor or one or more of our other affiliates, including BofAS, may execute such purchases or sales for our own or their own accounts, for business reasons, or in connection with hedging our obligations under the securities. These transactions may present a conflict of interest between your interest in the securities and the interests we, the guarantor and our other affiliates, including BofAS, may have in our or their proprietary accounts, in facilitating transactions, including BofAS, may have in our or their other customers, and in accounts under

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our or their management. These transactions may adversely affect the levels of the underlying indices in a manner that could be adverse to your investment in the securities. On or before the pricing date, any purchases or sales by us, the guarantor or our other affiliates, including BofAS or others on our or their behalf (including those for the purpose of hedging some or all of our anticipated exposure in connection with the securities), may affect the levels of the underlying indices. Consequently, the levels of the underlying indices may change subsequent to the pricing date, which may adversely affect the market value of the securities.

We, the guarantor or one or more of our other affiliates, including BofAS, also expect to engage in hedging activities that could affect the levels of the underlying indices on the pricing date. In addition, these hedging activities, including the unwinding of a hedge, may decrease the market value of your securities prior to maturity, and may affect the amounts to be paid on the securities. We, the guarantor or one or more of our other affiliates, including BofAS, may purchase or otherwise acquire a long or short position in the securities and may hold or resell the securities. For example, BofAS may enter into these transactions in connection with any market making activities in which it engages. We cannot assure you that these activities will not adversely affect the levels of the underlying indices, the market value of your securities prior to maturity or the amounts payable on the securities.

• There may be potential conflicts of interest involving the calculation agent, which is an affiliate of ours. We have the right to appoint and remove the calculation agent. One of our affiliates will be the calculation agent for the securities and, as such, will make a variety of determinations relating to the securities, including the amounts that will be paid on the securities. Under some circumstances, these duties could result in a conflict of interest between its status as our affiliate and its responsibilities as calculation agent.

#### **Underlying Index-related Risks**

- The securities are subject to risks associated with foreign securities markets. Each of the NDX and the SX5E includes certain foreign equity securities. You should be aware that investments in securities linked to the value of foreign equity securities involve particular risks. The foreign securities markets comprising each of the NDX and the SX5E may have less liquidity and may be more volatile than U.S. or other securities markets and market developments may affect foreign markets differently from U.S. or other securities markets. Direct or indirect government intervention to stabilize these foreign securities markets, as well as cross-shareholdings in foreign companies, may affect trading prices and volumes in these markets. 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, and foreign countries are subject to political, economic, financial reporting standards and requirements that differ from those applicable to U.S. reporting companies. Prices of securities markets, include the possibility of recent or future changes in a foreign government's economic and fiscal policies, the possibility of fuctuations in the rate of exchange between currencies, the possibility of outbreaks of hostility and political instability and the possibility of natural disaster or adverse public health developments in the rate of exchange between currencies, the possibility of nutreaks of hostility and political instability and the possibility of natural disaster or adverse public health development, resources and self-sufficiency.
- The securities are subject to a foreign currency exchange risk. The SX5E includes securities traded outside of the United States. The level of the SX5E will depend upon the values of these securities, which will in turn depend in part upon changes in the value of the currencies in which the securities tracked by the SX5E are traded. Accordingly, investors in the securities will be exposed to currency exchange rate risk with respect to each of the currencies in which the securities tracked by the SX5E are traded. An investor's net exposure will depend on the extent to which these currencies strengthen or weaken against the U.S. dollar. If the dollar strengthens against these currencies, the level of the SX5E will be adversely affected and the value of the SX5E may decrease.
- Governmental regulatory actions, such as sanctions, could adversely affect your investment in the securities. Governmental regulatory actions, including, without limitation, sanctions-related actions by the U.S. or a foreign government, could prohibit or otherwise restrict persons from holding the securities or the component securities of the underlying indices, or engaging in transactions in them, and any such action could adversely affect the value of the underlying indices or the securities. These regulatory actions could result in restrictions on the securities and could result in the loss of a significant portion or all of your initial investment in the securities, including if you are forced to divest the securities due to the government mandates, especially if such divestment must be made at a time when the value of the securities has declined.
- The publisher of an underlying index may adjust that underlying index in a way that affects its levels, and the publisher has no obligation to consider your interests. The
  publisher of an underlying index can add, delete, or substitute the components included in that underlying index or make other methodological changes that could change its level. Any of
  these actions could adversely affect the value of your securities.

## Tax-related Risks

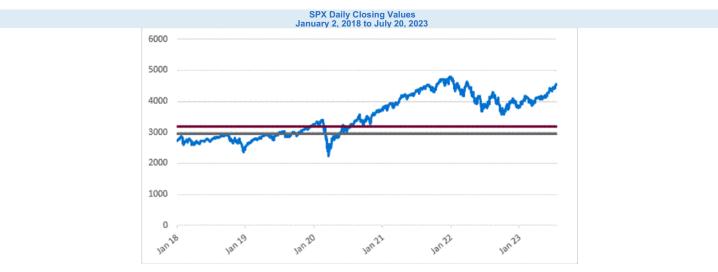
The U.S. federal income tax consequences of an investment in the securities are uncertain, and may be adverse to a holder of the securities. No statutory, judicial, or administrative authorly directly addresses the characterization of the securities or securities similar to the securities for U.S. federal income tax purposes. As a result, significant aspects of the U.S. federal income tax consequences of an investment in the securities are not certain. Under the terms of the securities, you will have agreed with us to treat the securities as contingent income-bearing single financial contracts, as described below under "Additional Information About the Securities—Tax considerations—General." If the Internal Revenue Service (the "IRS") were successful in asserting an alternative characterization for the securities, the timing and character of income, gain or loss with respect to the securities may differ. No ruling will be requested from the IRS with respect to the securities and no assurance can be given that the IRS will agree with the statements made in the section entitled "Additional Information About the Securities—Tax considerations." You are urged to consult with your own tax advisor regarding all aspects of the U.S. federal income tax consequences of investing in the securities.

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## S&P 500<sup>®</sup> Index Historical Performance

The following graph sets forth the daily closing values of the SPX for the period from January 2, 2018 through July 20, 2023. The related table sets forth the published high and low closing values, as well as end-of-quarter closing values, of the SPX for each quarter in the same period. The closing value of the SPX on July 20, 2023 was 4,534.87. We obtained the information in the graph and table below from Bloomberg L.P., without independent verification. The SPX has at times experienced periods of high volatility, and you should not take the historical values of the SPX as an indication of its future performance. No assurance can be given as to the level of the SPX during any observation period or on the final observation date.



\*The solid red line in the graph indicates the hypothetical coupon barrier level and the solid gray line in the graph indicates the hypothetical downside threshold level, in each case assuming the index closing value on July 20, 2023 were the initial index value.

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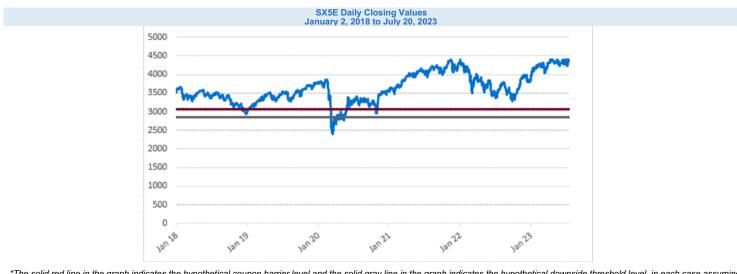
Contingent Income Auto-Callable Securities due July 30, 2026 Payments on the Securities Based on the Worst Performing of the S&P 500<sup>®</sup> Index, the EURO STOXX 50<sup>®</sup> Index and the NASDAQ-100<sup>®</sup> Index Principal at Risk Securities

S&P 500 <sup>®</sup> Index	High	Low	Period End
2018			
First Quarter Second Quarter Third Quarter Fourth Quarter 2019	2,872.87 2,786.85 2,930.75 2,925.51	2,581.00 2,581.88 2,713.22 2,351.10	2,640.87 2,718.37 2,913.98 2,506.85
First Quarter Second Quarter Third Quarter Fourth Quarter 2020	2,854.88 2,954.18 3,025.86 3,240.02	2,447.89 2,744.45 2,840.60 2,887.61	2,834.40 2,941.76 2,976.74 3,230.78
First Quarter Second Quarter Third Quarter Fourth Quarter 2021	3,386.15 3,232.39 3,580.84 3,756.07	2,237.40 2,470.50 3,115.86 3,269.96	2,584.59 3,100.29 3,363.00 3,756.07
First Quarter Second Quarter Third Quarter Fourth Quarter	3,974.54 4,297.50 4,536.95 4,793.06	3,700.65 4,019.87 4,258.49 4,300.46	3,972.89 4,297.50 4,307.54 4,766.18
2022 First Quarter Second Quarter Third Quarter Fourth Quarter 2023	4,796.56 4,582.64 4,305.20 4,080.11	4,170.70 3,666.77 3,585.62 3,577.03	4,530.41 3,785.38 3,585.62 3,839.50
First Quarter Second Quarter Third Quarter (through July 20, 2023) July 2023	4,179.76 4,450.38 4,565.72	3,808.10 4,055.99 4,398.95	4,109.31 4,450.38 4,534.87 Page 17

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# EURO STOXX 50<sup>®</sup> Index Historical Performance

The following graph sets forth the daily closing values of the SX5E for the period from January 2, 2018 through July 20, 2023. The related table sets forth the published high and low closing values, as well as end-of-quarter closing values, of the SX5E for each quarter in the same period. The closing value of the SX5E on July 20, 2023 was 4,373.73. We obtained the information in the graph and table below from Bloomberg L.P., without independent verification. The SX5E has at times experienced periods of high volatility, and you should not take the historical values of the SX5E as an indication of its future performance. No assurance can be given as to the level of the SX5E during any observation period or on the final observation date.



\*The solid red line in the graph indicates the hypothetical coupon barrier level and the solid gray line in the graph indicates the hypothetical downside threshold level, in each case assuming the index closing value on July 20, 2023 were the initial index value.

July 2023

Contingent Income Auto-Callable Securities due July 30, 2026 Payments on the Securities Based on the Worst Performing of the S&P 500<sup>®</sup> Index, the EURO STOXX 50<sup>®</sup> Index and the NASDAQ-100<sup>®</sup> Index Principal at Risk Securities

EURO STOXX 50 <sup>®</sup> Index	High	Low	Period End
2018			
First Quarter	3,672.29	3,278.72	3,361.50
Second Quarter	3,592.18	3,340.35	3,395.60
Third Quarter	3,527.18	3,293.36	3,399.20
Fourth Quarter	3,414.16	2,937.36	3,001.42
2019			
First Quarter	3,409.00	2,954.66	3,351.71
Second Quarter	3,514.62	3,280.43	3,473.69
Third Quarter	3,571.39	3,282.78	3,569.45
Fourth Quarter	3,782.27	3,413.31	3,745.15
2020			
First Quarter	3,865.18	2,385.82	2,786.90
Second Quarter	3,384.29	2,662.99	3,234.07
Third Quarter	3,405.35	3,137.06	3,193.61
Fourth Quarter	3,581.37	2,958.21	3,552.64
2021			
First Quarter	3,926.20	3,481.44	3,919.21
Second Quarter	4,158.14	3,924.80	4,064.30
Third Quarter	4,246.13	3,928.53	4,048.08
Fourth Quarter	4,401.49	3,996.41	4,298.41
2022			
First Quarter	4,392.15	3,505.29	3,902.52
Second Quarter	3,951.12	3,427.91	3,454.86
Third Quarter	3,805.22	3,279.04	3,318.20
Fourth Quarter	3,986.83	3,331.53	3,793.62
2023			
First Quarter	4,315.05	3,882.29	4,315.05
Second Quarter	4,408.59	4,218.04	4,399.09
Third Quarter (through July 20, 2023)	4,400.11	4,223.09	4,373.73
July 2023			Page 19

Payments on the Securities Based on the Worst Performing of the S&P 500<sup>®</sup> Index, the EURO STOXX 50<sup>®</sup> Index and the NASDAQ-100<sup>®</sup> Index Principal at Risk Securities

## NASDAQ-100<sup>®</sup> Index Historical Performance

The following graph sets forth the daily closing values of the NDX for the period from January 2, 2018 through July 20, 2023. The related table sets forth the published high and low closing values, as well as end-of-quarter closing values, of the NDX for each quarter in the same period. The closing value of the NDX on July 20, 2023 was 15,466.09. We obtained the information in the graph and table below from Bloomberg L.P., without independent verification. The NDX has at times experienced periods of high volatility, and you should not take the historical values of the NDX as an indication of its future performance. No assurance can be given as to the level of the NDX during any observation period or on the final observation date.



\*The solid red line in the graph indicates the hypothetical coupon barrier level and the solid gray line in the graph indicates the hypothetical downside threshold level, in each case assuming the index closing value on July 20, 2023 were the initial index value.

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Contingent Income Auto-Callable Securities due July 30, 2026 Payments on the Securities Based on the Worst Performing of the S&P 500<sup>®</sup> Index, the EURO STOXX 50<sup>®</sup> Index and the NASDAQ-100<sup>®</sup> Index Principal at Risk Securities

NASDAQ-100 <sup>®</sup> Index	High	Low	Period End
2018			
First Quarter Second Quarter Third Quarter Fourth Quarter	7,131.12 7,280.71 7,660.18 7,645.45	6,306.10 6,390.84 7,014.55 5,899.35	6,581.13 7,040.80 7,627.65 6,329.96
2019			
First Quarter Second Quarter Third Quarter Fourth Quarter	7,493.27 7,845.73 8,016.95 8,778.31	6,147.13 6,978.02 7,415.69 7,550.79	7,378.77 7,671.08 7,749.45 8,733.07
2020			
First Quarter Second Quarter Third Quarter Fourth Quarter	9,718.73 10,209.82 12,420.54 12,888.28	6,994.29 7,486.29 10,279.25 11,052.95	7,813.50 10,156.85 11,418.06 12,888.28
2021			
First Quarter Second Quarter Third Quarter Fourth Quarter	13,807.70 14,572.75 15,675.76 16,573.34	12,299.08 13,001.63 14,549.09 14,472.12	13,091.44 14,554.80 14,689.62 16,320.08
2022			
First Quarter Second Quarter Third Quarter Fourth Quarter	16,501.77 15,159.58 13,667.18 12,041.89	13,046.64 11,127.57 10,971.22 10,679.34	14,838.49 11,503.72 10,971.22 10,939.76
2023	10 101 05	10 711 00	10 101 05
First Quarter Second Quarter Third Quarter (through July 20, 2023)	13,181.35 15,185.48 15,841.35	10,741.22 12,725.11 15,036.85	13,181.35 15,179.21 15,466.09
July 2023			Page 21

Payments on the Securities Based on the Worst Performing of the S&P 500<sup>®</sup> Index, the EURO STOXX 50<sup>®</sup> Index and the NASDAQ-100<sup>®</sup> Index Principal at Risk Securities

## Additional Terms of the Securities

Please read this information in conjunction with the summary terms on the front cover of this pricing supplement.

## Additional Terms:

If the terms described herein are inconsistent with those described in the accompanying product supplement, prospectus supplement, or prospectus, the terms described herein shall control.
Denominations: The securities will be issued in minimum denominations of \$1,000 and whole multiples of \$1,000 in excess thereof.
Calculation
agent:
Events of
default and
acceleration:
H an event of default, as defined in the senior indenture relating to the securities and in the section entitled "Description of Debt Securities of BofA Finance LLC—Events of
Default and Rights of Acceleration; Covenant Breaches" on page 54 of the accompanying prospectus, with respect to the securities occurs and is continuing, the amount
payable to a holder of the securities upon any acceleration permitted under the senior indenture will be equal to the amount described under the caption "Payment at maturity"
above, calculated as though the date of acceleration whether the final contingent quarterly coupon is payable based upon the index closing values of the underlying indices during
the observation period ending on the deemed final observation date; any such final contingent quarterly coupon will be prorated by the calculation agent to reflect the length of
the final contingent payment period. In case of a default in the payment of the securities, whether at their maturity or upon acceleration, the securities will not bear a default
interest rate.

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Payments on the Securities Based on the Worst Performing of the S&P 500® Index, the EURO STOXX 50® Index and the NASDAQ-100® Index Principal at Risk Securities

## Additional Information About the Securities

## Additional Information:

Тах

The following summary of the material U.S. federal income and estate tax considerations of the acquisition, ownership, and disposition of the securities supplements, considerations: and to the extent inconsistent supersedes, the discussion under "U.S. Federal Income Tax Considerations" in the accompanying prospectus and is not exhaustive of all possible tax considerations. This summary is based upon the Internal Revenue Code of 1986, as amended (the "Code"), regulations promulgated under the Code by the U.S. Treasury Department ("Treasury") (including proposed and temporary regulations), rulings, current administrative interpretations and official pronouncements of the IRS, and judicial decisions, all as currently in effect and all of which are subject to differing interpretations or to change, possibly with retroactive effect. No assurance can be given that the IRS would not assert, or that a court would not sustain, a position contrary to any of the tax consequences described below. This summary does not include any description of the tax laws of any state or local governments, or of any foreign government, that may be applicable to a particular holder.

> Although the securities are issued by us, they will be treated as if they were issued by BAC for U.S. federal income tax purposes. Accordingly throughout this tax discussion, references to "we," "our" or "us" are generally to BAC unless the context requires otherwise.

This summary is directed solely to U.S. Holders and Non-U.S. Holders that, except as otherwise specifically noted, will purchase the securities upon original issuance and will hold the securities as capital assets within the meaning of Section 1221 of the Code, which generally means property held for investment, and that are not excluded from the discussion under "U.S. Federal Income Tax Considerations" in the accompanying prospectus.

You should consult your own tax advisor concerning the U.S. federal income tax consequences to you of acquiring, owning, and disposing of the securities, as well as any tax consequences arising under the laws of any state, local, foreign, or other tax jurisdiction and the possible effects of changes in U.S. federal or other tax laws.

#### General

Although there is no statutory, judicial, or administrative authority directly addressing the characterization of the securities, we intend to treat the securities for all tax purposes as contingent income-bearing single financial contracts with respect to the underlying indices and under the terms of the securities, we and every investor in the securities agree, in the absence of an administrative determination or judicial ruling to the contrary, to treat the securities in accordance with such characterization. In the opinion of our counsel, Sidley Austin LLP, it is reasonable to treat the securities as contingent income-bearing single financial contracts with respect to the underlying indices. However, Sidley Austin LLP has advised us that it is unable to conclude that it is more likely than not that this treatment will be upheld. This discussion assumes that the securities constitute contingent income-bearing single financial contracts with respect to the underlying indices for U.S. federal income tax purposes. If the securities did not constitute contingent income-bearing single financial contracts, the tax consequences described below would be materially different.

This characterization of the securities is not binding on the IRS or the courts. No statutory, judicial, or administrative authority directly addresses the characterization of the securities or any similar instruments for U.S. federal income tax purposes, and no ruling is being requested from the IRS with respect to their proper characterization and treatment. Due to the absence of authorities on point, significant aspects of the U.S. federal income tax consequences of an investment in the securities are not certain, and no assurance can be given that the IRS or any court will agree with the characterization and tax treatment described in this pricing supplement. Accordingly, you are urged to consult your tax advisor regarding all aspects of the U.S. federal income tax consequences of an investment in the securities, including possible alternative characterizations.

Unless otherwise stated, the following discussion is based on the characterization described above. The discussion in this section assumes that there is a significant possibility of a significant loss of principal on an investment in the securities.

We will not attempt to ascertain whether any issuer of a component stock included in an underlying index would be treated as a "passive foreign investment company" ("PFIC"), within the meaning of Section 1297 of the Code, or a United States real property holding corporation, within the meaning of Section 897(c) of the Code. If the issuer of one or more stocks included in an underlying index were so treated, certain adverse U.S. federal income tax consequences could possibly apply to a holder of the securities. You should refer to information filed with the SEC by the issuers of the component stocks included in each underlying index and consult your tax advisor

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regarding the possible consequences to you, if any, if any issuer of a component stock included in an underlying index is or becomes a PFIC or is or becomes a United States real property holding corporation.

## U.S. Holders

Although the U.S. federal income tax treatment of any contingent quarterly coupon on the securities is uncertain, we intend to take the position, and the following discussion assumes, that any contingent quarterly coupon constitutes taxable ordinary income to a U.S. Holder at the time received or accrued in accordance with the U.S. Holder's regular method of accounting. By purchasing the securities you agree, in the absence of an administrative determination or judicial ruling to the contrary, to treat any contingent quarterly coupon as described in the preceding sentence.

Upon receipt of a cash payment at maturity or upon a sale, exchange, or redemption of the securities prior to maturity, a U.S. Holder generally will recognize capital gain or loss equal to the difference between the amount realized (other than amounts representing any contingent quarterly coupon, which would be taxed as described above) and the U.S. Holder's tax basis in the securities. A U.S. Holder's tax basis in the securities will equal the amount paid by that holder to acquire them. This capital gain or loss generally will be long-term capital gain or loss if the U.S. Holder held the securities for more than one year. The deductibility of capital losses is subject to limitations.

Alternative Tax Treatments. Due to the absence of authorities that directly address the proper tax treatment of the securities, prospective investors are urged to consult their tax advisors regarding all possible alternative tax treatments of an investment in the securities. In particular, the IRS could seek to subject the securities to the Treasury regulations governing contingent payment debt instruments. If the IRS were successful in that regard, the timing and character of income on the securities would be affected significantly. Among other things, a U.S. Holder would be required to accrue original issue discount every year at a "comparable yield" determined at the time of issuance. In addition, any gain realized by a U.S. Holder at maturity or upon a sale, exchange, or redemption of the securities generally would be treated as ordinary income, and any loss realized at maturity or upon a sale, exchange, or redemption of the securities generally would be treated as ordinary loss to the extent of the U.S. Holder's prior accruals of original issue discount, and as capital loss thereafter.

In addition, it is possible that the securities could be treated as a unit consisting of a deposit and a put option written by the security holder, in which case the timing and character of income on the securities would be affected significantly.

The IRS released Notice 2008-2 (the "Notice"), which sought comments from the public on the taxation of financial instruments currently taxed as "prepaid forward contracts." This Notice addresses instruments such as the securities. According to the Notice, the IRS and Treasury are considering whether a holder of an instrument such as the securities should be required to accrue ordinary income on a current basis, regardless of whether any payments are made prior to maturity. It is not possible to determine what guidance the IRS and Treasury will ultimately issue, if any. Any such future guidance may affect the amount, timing and character of income, gain, or loss in respect of the securities, possibly with retroactive effect.

The IRS and Treasury are also considering additional issues, including whether additional gain or loss from such instruments should be treated as ordinary or capital, whether foreign holders of such instruments should be subject to withholding tax on any deemed income accruals, whether Section 1260 of the Code, concerning certain "constructive ownership transactions," generally applies or should generally apply to such instruments, and whether any of these determinations depend on the nature of the underlying asset.

In addition, proposed Treasury regulations require the accrual of income on a current basis for contingent payments made under certain notional principal contracts. The preamble to the regulations states that the "wait and see" method of accounting does not properly reflect the economic accrual of income on those contracts, and requires current accrual of income for some contracts already in existence. While the proposed regulations do not apply to prepaid forward contracts, the preamble to the proposed regulations expresses the view that similar timing issues exist in the case of prepaid forward contracts. If the IRS or Treasury publishes future guidance requiring current economic accrual for contingent payments on prepaid forward contracts, it is possible that you could be required to accrue income over the term of the securities.

Because of the absence of authority regarding the appropriate tax characterization of the securities, it is also possible that the IRS could seek to characterize the securities in a manner that results in tax consequences that are different from those described above. For example, the IRS could possibly assert that any gain or loss that a holder may recognize at maturity or upon the sale, exchange, or redemption of the securities should be treated as ordinary gain or loss.

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Because each underlying index is an index that periodically rebalances, it is possible that the securities could be treated as a series of contingent income-bearing single financial contracts, each of which matures on the next rebalancing date. If the securities were properly characterized in such a manner, a U.S. Holder would be treated as disposing of the securities on each rebalancing date in return for new securities that mature on the next rebalancing date, and a U.S. Holder would accordingly likely recognize capital gain or loss on each rebalancing date equal to the difference between the holder's tax basis in the securities (which would be adjusted to take into account any prior recognition of gain or loss) and the fair market value of the securities on such date.

## Non-U.S. Holders

Because the U.S. federal income tax treatment of the securities (including any contingent quarterly coupon) is uncertain, we (or the applicable paying agent) will withhold U.S. federal income tax at a 30% rate (or at a lower rate under an applicable income tax treaty) on the entire amount of any contingent quarterly coupon made unless such payments are effectively connected with the conduct by the Non-U.S. Holder of a trade or business in the U.S. (in which case, to avoid withholding, the Non-U.S. Holder will be required to provide a Form W-8ECI). We (or the applicable paying agent) will not pay any additional amounts in respect of such withholding. To claim benefits under an income tax treaty, a Non-U.S. Holder must obtain a taxpayer identification number and certify as to its eligibility under the appropriate treaty's limitations on benefits article, if applicable. In addition, special rules may apply to claims for treaty benefits made by Non-U.S. Holders that are entities rather than individuals. The availability of a lower rate of withholding under an applicable income tax treaty will depend on whether such rate applies to the characterization of the payments under U.S. federal income tax laws. A Non-U.S. Holder that is eligible for a reduced rate of U.S. federal withholding tax pursuant to an income tax treaty may obtain a refund of any excess amounts withheld by filing an appropriate claim for refund with the IRS.

Except as discussed below, a Non-U.S. Holder generally will not be subject to U.S. federal income or withholding tax for amounts paid in respect of the securities (not including, for the avoidance of doubt, amounts representing any contingent quarterly coupon which would be subject to the rules discussed in the previous paragraph) upon the sale, exchange, or redemption of the securities or their settlement at maturity, provided that the Non-U.S. Holder complies with applicable certification requirements and that the payment is not effectively connected with the conduct by the Non-U.S. Holder of a U.S. trade or business. Notwithstanding the foregoing, gain from the sale, exchange, or redemption of the securities or their settlement at maturity may be subject to U.S. federal income tax if that Non-U.S. Holder is a non-resident alien individual and is present in the U.S. for 183 days or more during the taxable year of the sale, exchange, redemption, or settlement and certain other conditions are satisfied.

If a Non-U.S. Holder of the securities is engaged in the conduct of a trade or business within the U.S. and if any contingent quarterly coupon and gain realized on the settlement at maturity, or upon sale, exchange, or redemption of the securities, is effectively connected with the conduct of such trade or business (and, if certain tax treaties apply, is attributable to a permanent establishment maintained by the Non-U.S. Holder in the U.S.), the Non-U.S. Holder, although exempt from U.S. federal withholding tax, generally will be subject to U.S. federal income tax on such contingent quarterly coupon and gain on a net income basis in the same manner as if it were a U.S. Holder. Such Non-U.S. Holders should read the material under the heading "-U.S. Holders," for a description of the U.S. federal income tax consequences of acquiring, owning, and disposing of the securities. In addition, if such Non-U.S. Holder is a foreign corporation, it may also be subject to a branch profits tax equal to 30% (or such lower rate provided by any applicable tax treaty) of a portion of its earnings and profits for the taxable year that are effectively connected with its conduct of a trade or business in the U.S., subject to certain adjustments.

A "dividend equivalent" payment is treated as a dividend from sources within the United States and such payments generally would be subject to a 30% U.S. withholding tax if paid to a Non-U.S. Holder. Under Treasury regulations, payments (including deemed payments) with respect to equity-linked instruments ("ELIs") that are "specified ELIs" may be treated as dividend equivalents if such specified ELIs reference an interest in an "underlying security," which is generally any interest in an entity taxable as a corporation for U.S. federal income tax purposes if a payment with respect to such interest could give rise to a U.S. source dividend. However, IRS guidance provides that withholding on dividend equivalent payments will not apply to specified ELIs that are not delta-one instruments and that are issued before January 1, 2025. Based on our determination that the securities are not delta-one instruments, Non-U.S. Holders should not be subject to withholding on dividend equivalent payments, if any, under the securities. However, it is possible that the securities, and following such occurrence the securities could be treated as subject to withholding on dividend equivalent payments. Non-U.S. Holders that enter, or have entered, into other transactions in respect of the underlying indices or the securities should consult their tax advisors as to the application of the dividend equivalent withholding tax in the context of the securities and their other

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Prospective Non-U.S. Holders should consult their own tax advisors regarding the tax consequences of such alternative characterizations. U.S. Federal Estate Tax. Under current law, while the matter is not entirely clear, individual Non-U.S. Holders, and entities whose property is potentially includible in those individuals' gross estates for U.S. federal estate tax purposes (for example, a trust funded by such an individual and with respect to which the individual has retained certain interests or powers), should note that, absent an applicable treaty benefit, a security is likely to be treated as U.S. situs property, subject to U.S. federal estate tax. These individuals and entities should consult their own tax advisors regarding the U.S. federal estate tax consequences of investing in a security. **Backup Withholding and Information Reporting** Please see the discussion under "U.S. Federal Income Tax Considerations - General - Backup Withholding and Information Reporting" in the accompanying prospectus for a description of the applicability of the backup withholding and information reporting rules to payments made on the securities Structuring the The securities are our debt securities, the return on which is linked to the performance of the underlying indices. The related guarantee is BAC's obligation. As is the securities: case for all of our and BAC's respective debt securities, including our market-linked notes, the economic terms of the securities reflect our and BAC's actual or perceived creditworthiness at the time of pricing. In addition, because market-linked notes result in increased operational, funding and liability management costs to us and BAC, BAC typically borrows the funds under these types of notes at a rate, which we refer to in this pricing supplement as BAC's internal funding rate, that is more favorable to BAC than the rate that it might pay for a conventional fixed or floating rate debt security. This generally relatively lower internal funding rate, which is reflected in the economic terms of the securities, along with the fees and charges associated with market-linked notes, typically results in the initial estimated value of the securities on the pricing date being less than their price to public. The initial estimated value range of the securities is set forth on the cover page of this pricing supplement. The final pricing supplement will set forth the initial estimated value of the securities as of the pricing date. In order to meet our payment obligations on the securities, at the time we issue the securities, we may choose to enter into certain hedging arrangements (which may include call options, put options or other derivatives) with BofAS or one of our other affiliates. The terms of these hedging arrangements are determined based upon terms provided by BofAS and its affiliates, and take into account a number of factors, including our and BAC's creditworthiness, interest rate movements, the volatility of the underlying indices, the tenor of the securities and the hedging arrangements. The economic terms of the securities and their initial estimated value depend in part on the terms of these hedging arrangements. BofAS has advised us that the hedging arrangements will include hedging related charges, reflecting the costs associated with, and our affiliates' profit earned from, these hedging arrangements. Since hedging entails risk and may be influenced by unpredictable market forces, actual profits or losses from these hedging transactions may be more or less than any expected amounts. For further information, see "Risk Factors" beginning on page 11 above and "Supplemental Use of Proceeds" on page PS-20 of the accompanying product supplement. Supplement to the BofAS, a broker-dealer affiliate of ours, is a member of the Financial Industry Regulatory Authority, Inc. ("FINRA") and will participate as agent in the distribution of the plan of distribution; securities. Accordingly, the offering of the securities will conform to the requirements of FINRA Rule 5121. BofAS may not make sales in this offering to any of its role of BofAS and discretionary accounts without the prior written approval of the account holder. conflicts of We expect to deliver the securities against payment therefor in New York, New York on a date that is greater than two business days following the pricing date. Under interest<sup>.</sup> Rule 15c6-1 of the Securities Exchange Act of 1934, trades in the secondary market generally are required to settle in two business days, unless the parties to any such trade expressly agree otherwise. Accordingly, if the initial settlement of the securities occurs more than two business days from the pricing date, purchasers who wish to trade the securities more than two business days prior to the original issue date will be required to specify alternative settlement arrangements to prevent a failed settlement. Under our distribution agreement with BofAS, BofAS will purchase the securities from us as principal at the public offering price indicated on the cover of this pricing supplement, less the indicated agent's commission and fees, if any. BofAS will sell the securities to other broker-dealers that will participate in the offering and that are not affiliated with us, at an agreed discount to the principal amount. Each of those broker-dealers may sell the securities to one or more additional broker-dealers. BofAS has informed us that these discounts may vary from dealer to dealer and that not all dealers will purchase or repurchase the securities at the same discount. Morgan Stanley Smith Barney LLC ("Morgan Stanley Wealth Management") and its financial advisors will collectively receive from the agent, BofAS, a fixed sales commission for each security they sell, and Morgan Stanley Wealth Management will receive a structuring fee for each security, in each

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case as specified on the cover page of this document. The costs included in the original issue price of the securities will include a fee paid by BofAS to LFT Securities, LLC, an entity in which an affiliate of Morgan Stanley Wealth Management has an ownership interest, for providing certain electronic platform services with respect to this offering.

BofAS and any of our other broker-dealer affiliates may use this pricing supplement and the accompanying product supplement, prospectus supplement and prospectus for offers and sales in secondary market transactions and market-making transactions in the securities. However, they are not obligated to engage in such secondary market transactions and/or market-making transactions are broker-dealer affiliates may act as principal or agent in these transactions, and any such sales will be made at prices related to prevailing market conditions at the time of the sale.

At BofAS's discretion, for a short, undetermined initial period after the issuance of the securities, BofAS may offer to buy the securities in the secondary market at a price that may exceed the initial estimated value of the securities. Any price offered by BofAS for the securities will be based on then-prevailing market conditions and other considerations, including the performance of the underlying indices and the remaining term of the securities. However, none of us, the guarantor, BofAS or any of our other affiliates is obligated to purchase your securities at any price or at any time, and we cannot assure you that any party will purchase your securities.

Any price that BofAS may pay to repurchase the securities will depend upon then prevailing market conditions, the creditworthiness of us and the guarantor, and transaction costs. At certain times, this price may be higher than or lower than the initial estimated value of the securities.

#### Sales Outside of the United States

The securities have not been approved for public sale in any jurisdiction outside of the United States. There has been no registration or filing as to the securities with any regulatory, securities, banking, or local authority outside of the United States and no action has been taken by BofA Finance, BAC, BofAS or any other affiliate of BAC, to offer the securities in any jurisdiction other than the United States. As such, these securities are made available to investors outside of the United States only in jurisdictions where it is lawful to make such offer or sale and only under circumstances that will result in compliance with applicable laws and regulations, including private placement requirements.

Further, no offer or sale of the securities is being made to residents of:

- · Australia
- · Barbados
- · Belgium
- · Crimea
- · Cuba
- · Curacao Sint Maarten
- · Gibraltar
- Indonesia
- · Iran
- Italy
- Kazakhstan
- Malavsia
- · New Zealand
- North Korea
- Norway
- · Russia
- · Saudi Arabia
- Svria

You are urged to carefully review the selling restrictions that may be applicable to your jurisdiction beginning on page S-56 of the accompanying prospectus supplement.

## European Economic Area and United Kingdom

None of this pricing supplement, the accompanying product supplement, the accompanying prospectus or the accompanying prospectus supplement is a prospectus for the purposes of the Prospectus Regulation (as defined below). This pricing supplement, the accompanying product supplement, the accompanying prospectus and the accompanying prospectus supplement have been prepared on the basis that any offer of securities in any Member State of the European Economic Area (the "EEA") or in the United Kingdom (each, a "Relevant") or i

#### Payments on the Securities Based on the Worst Performing of the S&P 500® Index, the EURO STOXX 50® Index and the NASDAQ-100® Index Principal at Risk Securities State") will only be made to a legal entity which is a qualified investor under the Prospectus Regulation ("Qualified Investors"). Accordingly any person making or intending to make an offer in that Relevant State of securities which are the subject of the offering contemplated in this pricing supplement, the accompanying product supplement, the accompanying prospectus and the accompanying prospectus supplement may only do so with respect to Qualified Investors. Neither BofA Finance nor BAC has authorized, nor does it authorize, the making of any offer of securities other than to Qualified Investors. 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Certain terms used but not defined in this pricing supplement have the meanings set forth in the accompanying product supplement or prospectus supplement. The terms and risks of the securities are contained in this pricing supplement and in the following related product supplement, prospectus supplement and prospectus, which can be accessed at the following links: Product Supplement EQUITY-1 dated December 30, 2022: https://www.sec.gov/Archives/edgar/data/1682472/000119312522315473/d429684d424b2.htm Series A MTN prospectus supplement dated December 30, 2022 and prospectus dated December 30, 2022:

Please note that, for purposes of this pricing supplement, references in the accompanying product supplement EQUITY-1 to "closing level", "Trading Day", "Underlying", "Index Publisher" and "Index" shall be deemed to refer to "index closing value", "index business day", "underlying index", "underlying inde

https://www.sec.gov/Archives/edgar/data/1682472/000119312522315195/d409418d424b3.htm

Contingent Income Auto-Callable Securities due July 30, 2026

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## Annex A—The S&P 500<sup>®</sup> Index

The SPX includes a representative sample of 500 companies in leading industries of the U.S. economy. The SPX is intended to provide an indication of the pattern of common stock price movement. The calculation of the level of the SPX is based on the relative value of the aggregate market value of the common stocks of 500 companies as of a particular time compared to the aggregate average market value of the common stocks of 500 similar companies during the base period of the years 1941 through 1943.

The SPX includes companies from eleven main groups: Communication Services; Consumer Discretionary; Consumer Staples; Energy; Financials; Health Care; Industrials; Information Technology; Real Estate; Materials; and Utilities. S&P Dow Jones Indices LLC ("SPDJI"), the sponsor of the SPX, may from time to time, in its sole discretion, add companies to, or delete companies from, the SPX to achieve the objectives stated above.

Company additions to the SPX must have an unadjusted company market capitalization of \$14.6 billion or more (an increase from the previous requirement of an unadjusted company market capitalization of \$13.1 billion or more).

SPDJI calculates the SPX by reference to the prices of the constituent stocks of the SPX without taking account of the value of dividends paid on those stocks. As a result, the return on the securities will not reflect the return you would realize if you actually owned the SPX constituent stocks and received the dividends paid on those stocks.

#### Computation of the SPX

While SPDJI currently employs the following methodology to calculate the SPX, no assurance can be given that SPDJI will not modify or change this methodology in a manner that may affect payments on the securities.

Historically, the market value of any component stock of the SPX was calculated as the product of the market price per share and the number of then outstanding shares of such component stock. In March 2005, SPDJI began shifting the SPX halfway from a market capitalization weighted formula to a float-adjusted formula, before moving the SPX to full float adjustment on September 16, 2005. SPDJI's criteria for selecting stocks for the SPX did not change with the shift to float adjustment. However, the adjustment affects each company's weight in the SPX.

Under float adjustment, the share counts used in calculating the SPX reflect only those shares that are available to investors, not all of a company's outstanding shares. Float adjustment excludes shares that are closely held by control groups, other publicly traded companies or government agencies.

In September 2012, all shareholdings representing more than 5% of a stock's outstanding shares, other than holdings by "block owners," were removed from the float for purposes of calculating the SPX. Generally, these "control holders" will include officers and directors, private equity, venture capital and special equity firms, other publicly traded companies that hold shares for control, strategic partners, holders of restricted shares, ESOPs, employee and family trusts, foundations associated with the company, holders of unlisted share classes of stock, government entities at all levels (other than government retirement/pension funds) and any individual person who controls a 5% or greater stake in a company, government retirement/pension funds, nutual funds and ETF providers, 401(k) plans of the company, government retirement/pension funds, independent foundations and savings and investment plans, will ordinarily be considered part of the float.

Treasury stock, stock options, restricted shares, equity participation units, warrants, preferred stock, convertible stock, and rights are not part of the float. Shares held in a trust to allow investors in countries outside the country of domicile, such as depositary shares and Canadian exchangeable shares, are normally part of the float unless those shares form a control block. If a company has multiple classes of stock outstanding, shares in an unlisted or non-traded class are treated as a control block.

For each stock, an investable weight factor ("IWF") is calculated by dividing the available float shares by the total shares outstanding. Available float shares are defined as the total shares outstanding less shares held by control holders. This calculation is subject to a 5% minimum threshold for control blocks. For example, if a company's officers and directors hold 3% of the company's shares, SPDJI would assign that company an IWF of 1.00, as no control group neets the 5% threshold. However, if a company's officers and directors hold 3% of the company's shares, SPDJI would assign that company an IWF of 1.00, as no control group meets the 5% threshold. However, if that 23% of the company's outstanding shares are considered to be held for control. As of July 31, 2017, companies with multiple share class lines are no longer eligible for inclusion in the SPX. Constituents of the SPX prior to July 31, 2017 with multiple share class lines structure, that company will remain in the SPX at the discretion of the S&P Index Committee in order to minimize turnover.

The SPX is calculated using a base-weighted aggregate methodology. The level of the SPX reflects the total market value of all component stocks relative to the base period of the years 1941 through 1943. An indexed number is used to represent the results of this calculation in order to make the level easier to work with and track over time. The actual total market value of the component stocks during the base period of the years 1941 through 1943 has been set to an indexed level of 10. This is often indicated by the notation 1941- 43 = 10. In practice, the daily calculation of the SPX is computed by dividing the total market value of the component stocks by the "index divisor." By itself, the index divisor is an arbitrary number. However, in the context of the calculation of the SPX, is reves as a link to the original base period level of the SPX. The index divisor keeps the SPX comparable over time and is the manipulation point for all adjustments to the SPX, which is index maintenance.

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## Index Maintenance

Index maintenance includes monitoring and completing the adjustments for company additions and deletions, share changes, stock splits, stock dividends, and stock price adjustments due to company restructuring or spinoffs. Some corporate actions, such as stock splits and stock dividends, require changes in the common shares outstanding and the stock prices of the companies in the SPX, and do not require index divisor adjustments.

To prevent the level of the SPX from changing due to corporate actions, corporate actions which affect the total market value of the SPX require an index divisor adjustment. By adjusting the index divisor for the change in market value, the level of the SPX remains constant and does not reflect the corporate actions of individual companies in the SPX. Index divisor adjustments are made after the close of trading and after the calculation of the SPX closing value.

Changes in a company's shares outstanding of 5.00% or more due to mergers, acquisitions, public offerings, tender offers, Dutch auctions, or exchange offers are made as soon as reasonably possible. Share changes due to mergers or acquisitions of publicly held companies that trade on a major exchange are implemented when the transaction occurs, even if both of the companies are not in the same headline index, and regardless of the size of the change. All other changes of 5.00% or more (due to, for example, company stock repurchases, private placements, redemptions, exercise of options, warrants, conversion of preferred stock, notes, debt, equity participation units, at-the-market offerings, or other recapitalizations) are made weekly and are announced on Fridays for implementation after the close of trading on the following Friday. Changes of less than 5.00% are accumulated and made quarterly on the third Friday of March, June, September, and December, and are usually announced two to five days prior.

If a change in a company's shares outstanding of 5.00% or more causes a company's IWF to change by five percentage points or more, the IWF is updated at the same time as the share change. IWF changes resulting from partial tender offers are considered on a case by case basis.

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## Annex B—The EURO STOXX 50<sup>®</sup> Index

The SX5E was created by STOXX, which is owned by Deutsche Börse AG. Publication of the SX5E began in February 1998, based on an initial index level of 1,000 on December 31, 1991.

#### Index Composition and Maintenance

The SX5E is composed of 50 stocks from 11 Eurozone countries (Austria, Belgium, Finland, France, Germany, Ireland, Italy, Luxembourg, the Netherlands, Portugal and Spain) of the STOXX Europe 600 Supersector indices. The STOXX 600 Supersector indices contain the 600 largest stocks traded on the major exchanges of 18 European countries and are organized into the following 20 Supersectors: automobiles & parts; banks; basic resources; chemicals; construction & materials; consumer products & services; energy; financial services; food, beverages & tobacco; health care; industrial goods & services; insurance; media; personal care, drug & grocery stores; real estate; retailers; technology; telecommunications; travel & leisure; and utilities.

For each of the 20 EURO STOXX regional supersector indices, the stocks are ranked in terms of 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 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 current stocks in the SX5E are then added to the selection list. All of the stocks on the selection list are then ranked in terms of free-float market capitalization to produce the final index selection list. The largest 40 stocks on the selection list are selected; the remaining 10 stocks are selected from the largest remaining current stocks ranked between 41 and 60; if the number of stocks selected is still below 50, then the largest remaining stocks are selected until there are 50 stocks. In exceptional cases, STOXX's management board can add stocks to and remove them from the selection list.

The index components are subject to a capped maximum index weight of 10%, which is applied on a quarterly basis.

The composition of the SX5E is reviewed annually, based on the closing stock data on the last trading day in August. Changes in the composition of the SX5E are made to ensure that the SX5E includes the 50 market sector leaders from within the EURO STOXX<sup>®</sup> Index.

The free float factors for each component stock used to calculate the SX5E, as described below, are reviewed, calculated, and implemented on a quarterly basis and are fixed until the next quarterly review.

The SX5E is subject to a "fast exit rule." The index components are monitored for any changes based on the monthly selection list ranking. A stock is deleted from the SX5E if: (a) it ranks 75 or below on the monthly selection list and (b) it has been ranked 75 or below for a consecutive period of two months in the monthly selection list. The highest-ranked stock that is not an index component will replace it. Changes will be implemented on the close of the fifth trading day of the month, and are effective the next trading day.

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 (a) it qualifies for the latest STOXX blue-chip selection list generated end of February, May, August or November and (b) it ranks within the "lower buffer" on this selection list.

The SX5E is also reviewed on an ongoing monthly basis. Corporate actions (including initial public offerings, mergers and takeovers, spin-offs, delistings, and bankruptcy) that affect the index composition are announced immediately, implemented two trading days later and become effective on the next trading day after implementation.

## Index Calculation

The SX5E is calculated with the "Laspeyres formula," which measures the aggregate price changes in the component stocks against a fixed base quantity weight. The formula for calculating the index value can be expressed as follows:

 $EURO STOXX 50^{^{(6)}} Index = \frac{Free float market capitalization of the EURO STOXX 50^{^{(6)}} Index}{Divisor}$ 

The "free float market capitalization of the Index" is equal to the sum of the product of the price, the number of shares and the free float factor and the weighting cap factor for each component stock as of the time the SX5E is being calculated.

The SX5E is also subject to a divisor, which is adjusted to maintain the continuity of the index values across changes due to corporate actions, such as the deletion and addition of stocks, the substitution of stocks, stock dividends, and stock splits.

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## Annex C—The NASDAQ-100<sup>®</sup> Index

The NDX is intended to measure the performance of the 100 largest domestic and international non-financial securities listed on The Nasdaq Stock Market ("NASDAQ") based on market capitalization. The NDX reflects companies across major industry groups including computer hardware and software, telecommunications, retail/wholesale trade and biotechnology. It does not contain securities of financial companies including investment companies.

The NDX began trading on January 31, 1985 at a base value of 125.00. The NDX is calculated and published by Nasdaq, Inc. In administering the NDX, Nasdaq, Inc. will exercise reasonable discretion as it deems appropriate.

## Underlying Stock Eligibility Criteria

NDX eligibility is limited to specific security types only. The security types eligible for the NDX include foreign or domestic common stocks, ordinary shares, ADRs and tracking stocks. Security types not included in the NDX are closed-end funds, convertible debt securities, exchange traded funds, limited liability companies, limited partnership interests, preferred stocks, rights, shares or units of beneficial interest, warrants, units, and other derivative securities. The NDX does not contain securities of investment companies. For purposes of the NDX eligibility criteria, if the security is a depositary receipt representing a security of a non-U.S. issuer, then references to the "issuer" are references to the issuer of the underlying security.

## Initial Eligibility Criteria

To be eligible for initial inclusion in the NDX, a security must be listed on NASDAQ and meet the following criteria:

- the security's U.S. listing must be exclusively on the Nasdaq Global Select Market or the Nasdaq Global Market (unless the security was dually listed on another U.S. market prior to January 1, 2004 and has continuously maintained such listing);
- the security must be of a non-financial company;
- the security may not be issued by an issuer currently in bankruptcy proceedings;
- the security must have a minimum three-month average daily trading volume of at least 200,000 shares;
- if the issuer of the security is organized under the laws of a jurisdiction outside the U.S., then such security must have listed options on a recognized options market in the U.S. or be eligible for listed-options trading on a recognized options market in the U.S.;
- the issuer of the security may not have entered into a definitive agreement or other arrangement which would likely result in the security no longer being eligible for inclusion in the NDX;
- the issuer of the security may not have annual financial statements with an audit opinion that is currently withdrawn; and
- the issuer of the security must have "seasoned" on NASDAQ, the New York Stock Exchange or NYSE Amex. Generally, a company is considered to be seasoned if it has been listed on a
  market for at least three full months (excluding the first month of initial listing).

## Continued Eligibility Criteria

In addition, to be eligible for continued inclusion in the NDX, the following criteria apply:

- the security's U.S. listing must be exclusively on the Nasdaq Global Select Market or the Nasdaq Global Market;
- the security must be of a non-financial company;
- the security may not be issued by an issuer currently in bankruptcy proceedings;
- the security must have a minimum three-month average daily trading volume of at least 200,000 shares;
- if the issuer of the security is organized under the laws of a jurisdiction outside the U.S., then such security must have listed options on a recognized options market in the U.S. or be
  eligible for listed-options trading on a recognized options market in the U.S. (measured annually during the ranking review process);
- the security must have an adjusted market capitalization equal to or exceeding 0.10% of the aggregate adjusted market capitalization of the NDX at each month-end. In the event a
  company does not meet this criterion for two consecutive month-ends, it will be removed from the NDX effective after the close of trading on the third Friday of the following month; and

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• the issuer of the security may not have annual financial statements with an audit opinion that is currently withdrawn.

## Computation of the NDX

The value of the NDX equals the aggregate value of the NDX share weights (the "NDX Shares") of each of the NDX securities multiplied by each such security's last sale price (last sale price refers to the last sale price on NASDAQ), and divided by the divisor of the NDX. If trading in an NDX security is halted while the market is open, the last traded price for that security is used for all NDX computations until trading resumes. If trading is halted before the market is open, the previous day's last sale price is used. The formula for determining the NDX value is as follows:

## Aggregated Adjusted Market Value Divisor

The NDX is ordinarily calculated without regard to cash dividends on NDX securities. The NDX is calculated during the trading day and is disseminated once per second from 09:30:01 to 17:16:00 ET. The closing level of the NDX may change up until 17:15:00 ET due to corrections to the last sale price of the NDX securities. The official closing value of the NDX is ordinarily disseminated at 17:16:00 ET.

## NDX Maintenance

## Changes to NDX Constituents

Changes to the NDX constituents may be made during the annual ranking review. In addition, if at any time during the year other than the annual review, it is determined that an NDX security issuer no longer meets the criteria for continued inclusion in the NDX, or is otherwise determined to have become ineligible for continued inclusion in the NDX, it is replaced with the largest market capitalization issuer not currently in the NDX that meets the applicable eligibility criteria for initial inclusion in the NDX.

Ordinarily, a security will be removed from the NDX at its last sale price. However, if at the time of its removal the NDX security is halted from trading on its primary listing market and an official closing price cannot readily be determined, the NDX security may, in Nasdaq, Inc.'s discretion, be removed at a price of \$0.00000001 ("zero price"). This zero price will be applied to the NDX security after the close of the market but prior to the time the official closing value of the NDX is disseminated.

#### Divisor Adjustments

The divisor is adjusted to ensure that changes in the NDX constituents either by corporate actions (that adjust either the price or shares of an NDX security) or NDX participation outside of trading hours do not affect the value of the NDX. All divisor changes occur after the close of the applicable index security markets.

## Quarterly NDX Rebalancing

The NDX will be rebalanced on a quarterly basis if it is determined that (1) the current weight of the single NDX security with the largest market capitalization is greater than 24.0% of the NDX or (2) the collective weight of those securities whose individual current weights are in excess of 4.5% exceeds 48.0% of the NDX. In addition, a "special rebalancing" of the NDX may be conducted at any time if Nasdaq, Inc. determines it necessary to maintain the integrity and continuity of the NDX. If either one or both of the above weight distribution conditions are met upon quarterly review, or Nasdaq, Inc. determines that a special rebalancing is necessary, a weight rebalancing will be performed.

If the first weight distribution condition is met and the current weight of the single NDX security with the largest market capitalization is greater than 24.0%, then the weights of all securities with current weights greater than 1.0% ("large securities") will be scaled down proportionately toward 1.0% until the adjusted weight of the single largest NDX security reaches 20.0%.

If the second weight distribution condition is met and the collective weight of those securities whose individual current weights are in excess of 4.5% (or adjusted weights in accordance with the previous step, if applicable) exceeds 48.0% of the NDX, then the weights of all such large securities in that group will be scaled down proportionately toward 1.0% until their collective weight, so adjusted, is equal to 40.0%.

The aggregate weight reduction among the large securities resulting from either or both of the rebalancing steps above will then be redistributed to those securities with weightings of less than 1.0% ("small securities") in the following manner. In the first iteration, the weight of the largest small security will be scaled upwards by a factor which sets it equal to the average NDX weight of 1.0%. The weights of each of the smaller remaining small securities will be scaled up by the same factor reduced in relation to each security's relative ranking among the small securities such that the smaller the NDX security in the ranking, the less its weight will be scaled upward. This is intended to reduce the market impact of the weight rebalancing on the smallest component securities in the NDX.

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Payments on the Securities Based on the Worst Performing of the S&P 500<sup>®</sup> Index, the EURO STOXX 50<sup>®</sup> Index and the NASDAQ-100<sup>®</sup> Index **Principal at Risk Securities** 

In the second iteration of the small security rebalancing, the weight of the second largest small security, already adjusted in the first iteration, will be scaled upwards by a factor which sets it equal to the average NDX weight of 1.0%. The weights of each of the smaller remaining small securities will be scaled up by this same factor reduced in relation to each security's relative ranking among the small securities such that, once again, the smaller the security in the ranking, the less its weight will be scaled upward. Additional iterations will be performed until the accumulated increase in weight among the small securities equals the aggregate weight reduction among the large securities that resulted from the rebalancing in accordance with the two weight distribution conditions discussed above.

Finally, to complete the rebalancing process, once the final weighting percentages for each NDX security have been set, the NDX Shares will be determined anew based upon the last sale prices and aggregate capitalization of the NDX at the close of trading on the last calendar day in February, May, August and November. Changes to the NDX Shares will be made effective after the close of trading on the third Friday in March, June, September and December, and an adjustment to the divisor is made to ensure continuity of the NDX. Ordinarily, new rebalanced NDX Shares will be determined by applying the above procedures to the current NDX Shares. However, Nasdaq, Inc. may, from time to time, determine rebalanced weights, if necessary, by applying the above procedure to the actual current market capitalization of the NDX components. In such instances, Nasdaq, Inc. would announce the different basis for rebalancing prior to its implementation.

During the quarterly rebalancing, data is cutoff as of the previous month end and no changes are made to the NDX from that cutoff until the quarterly index share change effective date, except in the case of changes due to corporate actions with an ex-date.

#### Adjustments for Corporate Actions

Changes in the price and/or NDX Shares driven by corporate events such as stock dividends, splits, and certain spin-offs and rights issuances will be adjusted on the ex-date. If the change in total shares outstanding arising from other corporate actions is greater than or equal to 10.0%, the change will be made as soon as practicable. Otherwise, if the change in total shares outstanding is less than 10.0%, then all such changes are accumulated and made effective at one time on a quarterly basis after the close of trading on the third Friday in each of March, June, September, and December. The NDX Shares are derived from the security's total shares outstanding. The NDX Shares are adjusted by the same percentage amount by which the total shares outstanding have changed.

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