

CITIGROUP INC  
Form 424B2  
August 06, 2018

The information in this preliminary pricing supplement is not complete and may be changed. A registration statement relating to these securities has been filed with the Securities and Exchange Commission. This preliminary pricing supplement and the accompanying product supplement, underlying supplement, prospectus supplement and prospectus are not an offer to sell these securities, nor are they soliciting an offer to buy these securities, in any state where the offer or sale is not permitted.

SUBJECT TO COMPLETION, DATED AUGUST 6, 2018  
**August---, 2018**

**Medium-Term Senior Notes, Series N**

Citigroup Global Markets Holdings Inc. **Pricing Supplement No. 2018—USNCH1385**

**Filed Pursuant to Rule 424(b)(2)**  
**Registration Statement Nos. 333-216372 and 333-216372-01**

Callable Barrier Floating Rate Range Accrual Securities Contingent on the Worst Performing of the S&P 500<sup>®</sup> Index, the Russell 2000<sup>®</sup> Index and the EURO STOXX 50<sup>®</sup> Index Due August 31, 2028

**Overview**

**Variable coupon.** The contingent interest will accrue on the securities during each quarterly accrual period at a rate based on the 10-year CMS rate *plus* 4.00%, **but only** for each elapsed day during that accrual period on which the accrual condition is satisfied. The accrual condition will be satisfied on an elapsed day **only** if the closing level of **each** of the S&P 500<sup>®</sup> Index, the Russell 2000<sup>®</sup> Index and the EURO STOXX 50<sup>®</sup> Index on that day are greater than or equal to their respective accrual barrier levels specified below. Accordingly, the amount of interest payable for § each quarterly accrual period will be contingent on four different variables: (i) the 10-year CMS rate; (ii) the level of the S&P 500<sup>®</sup> Index; (iii) the level of the Russell 2000<sup>®</sup> Index; and (iv) the level of the EURO STOXX 50<sup>®</sup> Index. The amount of interest payable on the securities may be adversely affected by adverse movements in any one of these variables, regardless of the performance of the others. It is possible that the securities will pay low or no interest for extended periods of time or even throughout the entire term.

§ **Call right.** We have the right to call the securities for mandatory redemption on any coupon payment date beginning one year after the issue date.

§ **Contingent repayment of principal at maturity.** If we do not redeem the securities prior to maturity, your payment at maturity (excluding the final interest payment, if any) will depend on the closing level of the **worst performing** underlying index on the final valuation date. If the closing level of the worst performing underlying index is greater than or equal to its final barrier level specified below, you will be repaid the stated principal amount § of your securities at maturity. However, if the closing level of the worst performing underlying index on the final valuation date is less than its final barrier level, you will lose 1% of the stated principal amount of your securities for every 1% by which the worst performing underlying index has depreciated from its initial index level. There is no minimum payment at maturity.

§ The securities offered by this pricing supplement are unsecured senior debt securities issued by Citigroup Global Markets Holdings Inc. and guaranteed by Citigroup Inc. Investors in the securities must be willing to accept (i) an investment that may have limited or no liquidity and (ii) the risk of not receiving any amount due under the securities

if we and Citigroup Inc. default on our obligations. **All payments on the securities are subject to the credit risk of Citigroup Global Markets Holdings Inc. and Citigroup Inc.**

**KEY TERMS**

**Issuer:** Citigroup Global Markets Holdings Inc., a wholly owned subsidiary of Citigroup Inc.  
**Guarantee:** All payments due on the securities are fully and unconditionally guaranteed by Citigroup Inc.  
**Aggregate stated principal amount:** \$  
**Stated principal amount:** \$1,000 per security  
**Underlying indices:** S&P 500<sup>®</sup> Index, Russell 2000<sup>®</sup> Index and EURO STOXX 50<sup>®</sup> Index  
**Pricing date:** August 28, 2018  
**Issue date:** August 31, 2018  
**Final valuation date:** August 28, 2028, subject to postponement if such date is not a scheduled trading day or if a market disruption event occurs on that date  
**Maturity date:** Unless earlier redeemed, August 31, 2028  
 Unless earlier redeemed, at maturity you will receive for each \$1,000 stated principal amount of securities you hold (in addition to the final coupon payment, if any):

- If the final index level of the worst performing underlying index is **greater than or equal to** its final barrier level: \$1,000

**Payment at maturity:**

- If the final index level of the worst performing underlying index is **less than** its final barrier level: \$1,000 + (\$1,000 × the index return of the worst performing underlying index)

**If the final index level of the worst performing underlying index is less than its final barrier level, your payment at maturity will be less, and possibly significantly less, than \$600.00 per security. You should not invest in the securities unless you are willing and able to bear the risk of losing a significant portion, and up to all, of your investment.**

**Coupon payments:** On each coupon payment date, you will receive a coupon payment at an annual rate equal to the variable coupon rate for that coupon payment date. The variable coupon rate for any coupon payment date will be determined as follows:

number of accrual days during the related accrual period

relevant contingent rate per annum ×

number of elapsed days during the related accrual period

**Each quarterly coupon payment per security will be equal to (i) \$1,000.00 multiplied by the applicable coupon rate per annum divided by (ii) 4. If the number of accrual days in a given accrual period is less than the number of elapsed days in that accrual period, the variable coupon rate for the related coupon payment date will be less than the full relevant contingent rate, and if there are no accrual days in a given accrual period, the variable coupon rate for the related coupon payment date will be 0.00%.**

**Relevant contingent rate:** The relevant contingent rate for any coupon payment date means CMS10 (as of the CMS10 determination date for the related accrual period) plus 4.00%, subject to a minimum relevant

contingent rate of 0.00% per annum.

**If CMS10 for any accrual period is less than or equal to -4.00%, the relevant contingent rate for that accrual period will be 0.00% and you will not receive any coupon payment on the related coupon payment date.**

<b>CMS10:</b>	The 10-year constant maturity swap rate (see “Information About CMS10” below)		
<b>CMS10 determination date:</b>	The second U.S. government securities business day prior to the first day of the relevant accrual period		
<b>Listing:</b>	The securities will not be listed on any securities exchange		
<b>Underwriter:</b>	Citigroup Global Markets Inc. (“CGMI”), an affiliate of the issuer, acting as principal		
<b>Underwriting fee and issue price:</b>	<b>Issue Price<sup>(1)(2)</sup></b>	<b>Underwriting Fee<sup>(3)</sup></b>	<b>Proceeds to Issuer<sup>(3)</sup></b>
<b>Per security:</b>	\$1,000.00	\$25.00	\$975.00
<b>Total:</b>	\$	\$	\$

*(Key Terms continued on next page)*

(1) Citigroup Global Markets Holdings Inc. currently expects that the estimated value of the securities on the pricing date will be at least \$850 per security, which will be less than the issue price. The estimated value of the securities is based on CGMI’s proprietary pricing models and our internal funding rate. It is not an indication of actual profit to CGMI or other of our affiliates, nor is it an indication of the price, if any, at which CGMI or any other person may be willing to buy the securities from you at any time after issuance. See “Valuation of the Securities” in this pricing supplement.

(2) The issue price for investors purchasing the securities in fee-based advisory accounts will be \$975 per security.

(3) The underwriting fee is variable but will not exceed \$25 per security. The per security proceeds to issuer above represent the minimum per security proceeds to issuer, assuming the maximum per security underwriting fee. For more information on the distribution of the securities, see “Supplemental Plan of Distribution” in this pricing supplement. In addition to the underwriting fee, CGMI and its affiliates may profit from expected hedging activity related to this offering, even if the value of the securities declines. See “Use of Proceeds and Hedging” in the accompanying prospectus.

**Investing in the securities involves risks not associated with an investment in conventional debt securities. See “Summary Risk Factors” beginning on page PS-7.**

**Neither the Securities and Exchange Commission (the “SEC”) nor any state securities commission has approved or disapproved of the securities or determined that this pricing supplement and the accompanying product supplement, underlying supplement, prospectus supplement and prospectus are truthful or complete. Any representation to the contrary is a criminal offense. *You should read this pricing supplement together with the accompanying product supplement, underlying supplement, prospectus supplement and prospectus, which can be accessed via the following hyperlinks:***

**[Product Supplement No. IE-05-05 dated April 7, 2017](#) [Underlying Supplement No. 7 dated July 16, 2018](#)  
[Prospectus Supplement and Prospectus each dated April 7, 2017](#)**

**The securities are not bank deposits and are not insured or guaranteed by the Federal Deposit Insurance Corporation or any other governmental agency, nor are they obligations of, or guaranteed by, a bank.**

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**KEY TERMS  
(CONTINUED)**

<b>Coupon payment dates:</b>	The last calendar day of each February, May, August and November, beginning on November 30, 2018, except that the final coupon payment date will be the maturity date (or the earlier date on which we redeem the securities, if applicable)
<b>Accrual period:</b>	For each coupon payment date, the period from and including the immediately preceding coupon payment date (or, in the case of the first accrual period, the issue date) to but excluding such coupon payment date
<b>Accrual day:</b>	An elapsed day on which the accrual condition is satisfied
<b>Elapsed day:</b>	Calendar day
<b>Accrual condition:</b>	The accrual condition will be satisfied on an elapsed day if, and only if, the closing level of <b>each</b> of the underlying indices are greater than or equal to their respective accrual barrier levels on that elapsed day. For purposes of determining whether the accrual condition is satisfied on any elapsed day, if the closing level of any of the underlying indices is not available for any reason on that day (including weekends and holidays), the closing level of such underlying index will be assumed to be the same as on the immediately preceding elapsed day (subject to the discussion in the section “Description of the Securities—Terms Related to the Underlying Index—Discontinuance or Material Modification of the Underlying Index” in the accompanying product supplement). In addition, for all elapsed days from and including the fourth-to-last day that is a scheduled trading day for each underlying index in an accrual period to and including the last elapsed day of that accrual period, the closing levels of the underlying indices will not be observed and will be assumed to be the same as on the elapsed day immediately preceding such unobserved days.
<b>Worst performing underlying index:</b>	The underlying index with the lowest index return on the final valuation date. For the S&P 500 <sup>®</sup> Index:                   , the closing level of the S&P 500 <sup>®</sup> Index on the pricing date
<b>Initial index level:</b>	For the Russell 2000 <sup>®</sup> Index:                   , the closing level of the Russell 2000 <sup>®</sup> Index on the pricing date  For the EURO STOXX 50 <sup>®</sup> Index:                   , the closing level of the EURO STOXX 50 <sup>®</sup> Index on the pricing date
<b>Final index level:</b>	For each underlying index, its closing level on the final valuation date For the S&P 500 <sup>®</sup> Index:                   , 60.00% of the initial index level of the S&P 500 <sup>®</sup> Index
<b>Final barrier level:</b>	For the Russell 2000 <sup>®</sup> Index:                   , 60.00% of the initial index level of the Russell 2000 <sup>®</sup> Index  For the EURO STOXX 50 <sup>®</sup> Index:                   , 60.00% of the initial index level of the EURO STOXX 50 <sup>®</sup> Index For the S&P 500 <sup>®</sup> Index:                   , 60.00% of the initial index level of the S&P 500 <sup>®</sup> Index
<b>Accrual barrier level:</b>	For the Russell 2000 <sup>®</sup> Index:                   , 60.00% of the initial index level of the Russell 2000 <sup>®</sup> Index  For the EURO STOXX 50 <sup>®</sup> Index:                   , 60.00% of the initial index level of the EURO STOXX 50 <sup>®</sup> Index
<b>Index return:</b>	For each underlying index, (i) its final index level <i>minus</i> its initial index level, <i>divided by</i> (ii) its initial index level.
<b>Early redemption:</b>	We have the right to redeem the securities, in whole and not in part, on any coupon payment date on or after September 3, 2019 upon not less than five business days’ notice for an amount in cash equal to 100% of the stated principal amount of your securities plus the coupon payment due on

the date of redemption, if any.

**CUSIP / ISIN:** 17324CZA7 / US17324CZA79

#### Additional Information

**General.** The terms of the securities are set forth in the accompanying product supplement, prospectus supplement and prospectus, as supplemented by this pricing supplement. The accompanying product supplement, prospectus supplement and prospectus contain important disclosures that are not repeated in this pricing supplement. For example, certain events may occur that could affect the amount of any variable quarterly coupon payment you receive and your payment at maturity. These events and their consequences are described in the accompanying product supplement in the sections “Description of the Securities—Terms Related to the Underlying Index—Discontinuance or Material Modification of the Underlying Index” and “Description of the Securities—Terms Related to the Underlying Index—Consequences of a Market Disruption Event; Postponement of the Final Valuation Date,” and not in this pricing supplement. In addition, the accompanying underlying supplement contains important disclosures regarding the underlying indices that are not repeated in this pricing supplement. It is important that you read the accompanying product supplement, underlying supplement, prospectus supplement and prospectus together with this pricing supplement before deciding whether to invest in the securities. Certain terms used but not defined in this pricing supplement are defined in the accompanying product supplement.

Although the accompanying product supplement contemplates only a single underlying index, the securities are linked to three underlying indices. Each of the provisions in the accompanying product supplement referring to the underlying index shall apply separately to each of the underlying indices to which the securities are linked.

**Postponement of the final valuation date.** If the scheduled final valuation date is not a scheduled trading day for any underlying index or if a market disruption event occurs with respect to any underlying index on the scheduled final valuation date, the final valuation date will be subject to postponement as described in the accompanying product supplement in the section “Description of the Securities—Terms Related to the Underlying Index—Consequences of a Market Disruption Event; Postponement of the Final Valuation Date.” If the scheduled final valuation date is postponed, the closing level of each underlying index in respect of the final valuation date will be determined based on (i) for any underlying index for which the originally scheduled final valuation date is a scheduled trading day and as to which a market disruption event does not occur on the originally scheduled final valuation date, the closing level of such underlying index on the originally scheduled final valuation date and (ii) for any other underlying index, the closing level of such underlying index on the final valuation date as postponed (or, if earlier, the first scheduled trading day for such underlying index following the originally scheduled final valuation date on which a market disruption event did not occur with respect to such underlying index).

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## Hypothetical Examples

## Variable Coupon Payments

The sections below provide examples of how the variable coupon payments on the securities will be determined. The first section, “—Determining the Hypothetical Relevant Contingent Rate,” provides a limited number of hypothetical examples of how the relevant contingent rate for any accrual period will be determined based on hypothetical values of CMS10, as determined on the second U.S. government securities business day prior to the beginning of the applicable accrual period. The second section, “—Determining the Hypothetical Variable Coupon Rates and Coupon Payment Amounts,” provides a limited number of hypothetical examples of how the coupon payments on the securities will be determined based on a limited number of hypothetical relevant contingent interest rates and a limited number of hypothetical accrual days during a hypothetical accrual period. The figures below have been rounded for ease of analysis.

*Determining the Hypothetical Relevant Contingent Rate*

The table below presents examples of hypothetical relevant contingent rates based on various hypothetical values of CMS10.

**Example Hypothetical CMS10\* Hypothetical Relevant Contingent Rate per Annum\*\***

1	-5.00%	0.00%
2	-4.00%	0.00%
3	-3.00%	1.00%
4	-2.00%	2.00%
5	-1.00%	3.00%
6	0.00%	4.00%
7	1.00%	5.00%
8	2.00%	6.00%
9	3.00%	7.00%
10	4.00%	8.00%
11	5.00%	9.00%
12	6.00%	10.00%
13	7.00%	11.00%
14	8.00%	12.00%
15	9.00%	13.00%
16	10.00%	14.00%

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\* Hypothetical CMS10 = CMS10, where CMS10 is determined on the second U.S. government securities business day prior to the beginning of the applicable accrual period.

\*\* Hypothetical relevant contingent rate per annum for the accrual period = hypothetical CMS10 *plus 4.00%*, subject to a minimum of 0.00% per annum.

*Determining the Hypothetical Variable Coupon Rates and Variable Coupon Payment Amounts*

The tables below present examples of the hypothetical variable coupon rate and hypothetical variable quarterly coupon payments based on the number of accrual days in a particular accrual period and different assumptions about CMS10. For illustrative purposes only, the tables assume an accrual period that contains 90 elapsed days and that the securities have not previously been redeemed. The actual coupon payment for any coupon payment date will depend on the actual number of accrual days and elapsed days during the related accrual period and the actual CMS10 on the CMS10 determination date for that accrual period. The variable coupon rate for each accrual period will apply only to that accrual period.

**Assuming CMS10 is 2.00% on the applicable CMS10 determination date:**

<b>Hypothetical Number of Accrual Days in Accrual Period*</b>	<b>Hypothetical Relevant Contingent Rate per Annum**</b>	<b>Hypothetical Variable Coupon Rate per Annum***</b>	<b>Hypothetical Variable Quarterly Coupon Payment per Security****</b>
0	6.00%	0.000%	\$0.00
15	6.00%	1.000%	\$2.50
30	6.00%	2.000%	\$5.00
45	6.00%	3.000%	\$7.50
60	6.00%	4.000%	\$10.00
75	6.00%	5.000%	\$12.50

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906.00% 6.000% \$15.00

**Assuming CMS10 is 8.00% on the applicable CMS10 determination date:**

Hypothetical Number of Accrual Days in Accrual Period*	Hypothetical Relevant Contingent Rate per Annum**	Hypothetical Variable Coupon Rate per Annum***	Hypothetical Variable Quarterly Coupon Payment per Security****
0	12.00%	0.000%	\$0.00
15	12.00%	2.000%	\$5.00
30	12.00%	4.000%	\$10.00
45	12.00%	6.000%	\$15.00
60	12.00%	8.000%	\$20.00
75	12.00%	10.000%	\$25.00
90	12.00%	12.000%	\$30.00

**Assuming CMS10 is -4.00% on the applicable CMS10 determination date:**

Hypothetical Number of Accrual Days in Accrual Period*	Hypothetical Relevant Contingent Rate per Annum**	Hypothetical Variable Coupon Rate per Annum***	Hypothetical Variable Quarterly Coupon Payment per Security****
0	0.00%	0.000%	\$0.00
15	0.00%	0.000%	\$0.00
30	0.00%	0.000%	\$0.00
45	0.00%	0.000%	\$0.00
60	0.00%	0.000%	\$0.00
75	0.00%	0.000%	\$0.00
90	0.00%	0.000%	\$0.00

\* An accrual day is an elapsed day on which the accrual condition is satisfied (i.e., on which the closing level of **each** underlying index is greater than or equal to its accrual barrier level)

\*\* The hypothetical relevant contingent rate is equal to CMS10 *plus* 4.00%, subject to a minimum of 0.00% per annum

\*\*\* The hypothetical variable coupon rate per annum is equal to (i) the hypothetical relevant contingent rate per annum *multiplied by* (ii) (a) the hypothetical number of accrual days in the related accrual period divided by (b) 90

\*\*\*\* The hypothetical variable quarterly coupon payment per security is equal to (i) \$1,000 *multiplied by* the hypothetical variable coupon rate per annum *divided by* (ii) 4



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### Payment at Maturity

The diagram below illustrates your payment at maturity for a range of hypothetical percentage changes from the initial index level to the final index level of the worst performing underlying index (excluding the final coupon payment, if any, and assuming we do not redeem the securities prior to maturity).

### Payment at Maturity Diagram

Your actual payment at maturity per security, excluding the final coupon payment, if any, will depend on the actual initial index level, the actual final barrier level and the actual final index level of the worst performing underlying index. The examples below are intended to illustrate how your payment at maturity will depend on whether the final index level of the worst performing underlying index is greater than or less than its final barrier level and, if less, how much less. The examples are based on the hypothetical initial index levels, final barrier levels and final index levels specified below. The figures below have been rounded for ease of analysis.

#### Example 1—Par Scenario A.

<b>Underlying Index</b>	<b>Hypothetical Initial Index Level</b>	<b>Hypothetical Final Barrier Level</b>	<b>Hypothetical Final Index Level</b>	<b>Hypothetical Index Return</b>
S&P 500® Index	2,700.00	1,620.00	4,050.00	50%
Russell 2000® Index	1,600.000	960.000	1,760.000	10%
EURO STOXX 50® Index	3,400.00	2,040.00	4,250.00	25%

In this example, the Russell 2000® Index is the worst performing underlying index. Its hypothetical final index level is 1,760.000 (a 10% increase from its hypothetical initial index level), which is greater than its hypothetical final barrier level.

Payment at maturity per security = \$1,000 (excluding the final coupon payment, if any)

Because the final index level of the worst performing underlying index is greater than its final barrier level, you would be repaid the stated principal amount of your securities in this example. Even though all of the underlying indices have appreciated from their respective initial index levels in this example, you would not participate in the appreciation of any of the underlying indices.

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**Example 2—Par Scenario B.**

<b>Underlying Index</b>	<b>Hypothetical Initial Index Level</b>	<b>Hypothetical Final Barrier Level</b>	<b>Hypothetical Final Index Level</b>	<b>Hypothetical Index Return</b>
S&P 500 <sup>®</sup> Index	2,700.00	1,620.00	2,430.00	-10%
Russell 2000 <sup>®</sup> Index	1,600.000	960.000	1,920.000	20%
EURO STOXX 50 <sup>®</sup> Index	3,400.00	2,040.00	3,570.00	5%

In this example, the S&P 500<sup>®</sup> Index is the worst performing underlying index. Its hypothetical final index level is 2,430.00 (a 10% decrease from its hypothetical initial index level), which is greater than its hypothetical final barrier level.

Payment at maturity per security = \$1,000 (excluding the final coupon payment, if any)

Because the worst performing underlying index did not depreciate from its hypothetical initial index level to its hypothetical final index level by more than 40.00% (that is, it did not depreciate below its hypothetical final barrier level), your payment at maturity in this scenario would be equal to the \$1,000 stated principal amount per security (excluding the final coupon payment, if any).

**Example 3—Downside Scenario.**

<b>Underlying Index</b>	<b>Hypothetical Initial Index Level</b>	<b>Hypothetical Final Barrier Level</b>	<b>Hypothetical Final Index Level</b>	<b>Hypothetical Index Return</b>
S&P 500 <sup>®</sup> Index	2,700.00	1,620.00	1,890.00	-30%
Russell 2000 <sup>®</sup> Index	1,600.000	960.000	800.00	-50%
EURO STOXX 50 <sup>®</sup> Index	3,400.00	2,040.00	1,020.00	-70%

In this example, the EURO STOXX 50<sup>®</sup> Index is the worst performing underlying index. Its hypothetical final index level is 1,020.00 (an approximately 70.00% decrease from its hypothetical initial index level), which is less than its hypothetical final barrier level. As a result, your payment at maturity would be calculated as follows:

Payment at maturity per security = \$1,000 + (\$1,000 × the index return of the worst performing underlying index)

$$= \$1,000 + (\$1,000 \times -70\%)$$

$$= \$1,000 + -\$700$$

$$= \$300.00$$

Because the worst performing underlying index depreciated from its hypothetical initial index level to its hypothetical final index level by more than 40.00% (that is, it depreciated below its hypothetical final barrier level), your payment at maturity in this scenario would reflect 1-to-1 exposure to the negative performance of the worst performing underlying index from its initial index level to its final index level.

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## Summary Risk Factors

An investment in the securities is significantly riskier than an investment in conventional debt securities. The securities are subject to all of the risks associated with an investment in our conventional debt securities (guaranteed by Citigroup Inc.), including the risk that we and Citigroup Inc. may default on our obligations under the securities, and are also subject to risks associated with CMS10 and each of the underlying indices. Accordingly, the securities are suitable only for investors who are capable of understanding the complexities and risks of the securities. You should consult your own financial, tax and legal advisors as to the risks of an investment in the securities and the suitability of the securities in light of your particular circumstances.

The following is a summary of certain key risk factors for investors in the securities. You should read this summary together with the more detailed description of risks relating to an investment in the securities contained in the section “Risk Factors Relating to the Securities” beginning on page IE-6 in the accompanying product supplement. You should also carefully read the risk factors included in the accompanying prospectus supplement and in the documents incorporated by reference in the accompanying prospectus, including Citigroup Inc.’s most recent Annual Report on Form 10-K and any subsequent Quarterly Reports on Form 10-Q, which describe risks relating to the business of Citigroup Inc. more generally.

**You may lose a significant portion or all of your investment.** Unlike conventional debt securities, the securities do not repay a fixed amount of principal at maturity. Instead, your payment at maturity will depend on the performance of the worst performing underlying index. If we do not redeem the securities, you may receive significantly less than the stated principal amount of the securities at maturity, but in no circumstance will you § receive more than the stated principal amount of the securities (excluding the final coupon payment, if any). If the final index level of the worst performing underlying index is less than its final barrier level, you will lose 1% of the stated principal amount of the securities for every 1% by which the final index level of the worst performing underlying index is less than its initial index level. There is no minimum payment at maturity on the securities, and you may lose up to all of your investment.

**The barrier feature of the securities exposes you to particular risks.** If the final index level of the worst performing underlying index is less than its final barrier level, you will not be repaid the stated principal amount of § your securities at maturity and instead will lose 1% of the stated principal amount of the securities for every 1% by which the final index level of the worst performing underlying index is less than its initial index level. Therefore, the securities offer no protection at all if the worst performing underlying index depreciates by more than 40.00% from its initial index level to its final index level. As a result, you may lose your entire investment in the securities.

**§ The securities offer a variable coupon rate and you may not receive any coupon payment on one or more coupon payment dates.** Any variable coupon payment you receive will be paid at a per annum rate equal to the relevant contingent rate for the applicable coupon payment date only if the accrual condition is satisfied on each elapsed day during the related accrual period. The accrual condition will be satisfied on any elapsed day only if the closing level of each underlying index on that elapsed day is greater than or equal to its respective accrual barrier level. If, on any elapsed day during an accrual period, the accrual condition is not satisfied, the applicable variable

coupon payment will be paid at a rate that is less, and possibly significantly less, than the relevant contingent rate. If, on each elapsed day during an accrual period, the accrual condition is not satisfied, no variable coupon payment will be made on the related coupon payment date. Accordingly, there can be no assurance that you will receive a variable coupon payment on any coupon payment date or that any variable coupon payment you do receive will be calculated at the full relevant contingent rate. Furthermore, because the relevant contingent rate is itself a floating rate determined by reference to CMS10, the securities are subject to an additional contingency associated with CMS10 and will vary based on fluctuations in CMS10. If CMS10 decreases, the relevant contingent rate will be reduced. The relevant contingent rate may be as low as zero for any coupon payment date. If the relevant contingent rate is zero for any coupon payment date, you will not receive any variable coupon payment on that coupon payment date even if the accrual condition is satisfied on each elapsed day in the related accrual period. Thus, the securities are not a suitable investment for investors who require regular fixed income payments.

**CMS10 will be affected by a number of factors and may be highly volatile.** CMS10 is influenced by many factors, including:

- the monetary policies of the Federal Reserve Board;
- current market expectations about future interest rates;
- current market expectations about inflation;
- the volatility of the foreign exchange markets;
- the availability of relevant hedging instruments;

the perceived general creditworthiness of the banks that participate in the interest rate swap market and the London interbank loan market; and

- general credit and economic conditions in global markets, and particularly in the United States.

As a result of these factors, CMS10 may be highly volatile. Because CMS10 is a market rate and is influenced by many factors, it is impossible to predict the future value of CMS10. It is possible that you will receive below-market or no coupon payments for an extended period or even throughout the entire term of the securities. You should carefully consider whether an investment that may not provide for any return on your investment or may provide a return that is lower than the return on alternative investments, is appropriate for you.

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**The manner in which CMS10 is calculated may change in the future, which could adversely affect the value of the securities.** The method by which CMS10 is calculated may change in the future, as a result of governmental § actions, actions by the publisher of CMS10 or otherwise. We cannot predict whether the method by which CMS10 is calculated will change or what the impact of any such change might be. Any such change could affect CMS10 in a way that has a significant adverse effect on the securities.

**The higher potential yield offered by the securities is associated with greater risk than conventional debt securities.** The securities offer coupon payments with the potential to result in a higher yield than the yield on our conventional debt securities of the same maturity. You should understand that, in exchange for this potentially higher yield, you will be exposed to significantly greater risks than investors in our conventional debt securities (guaranteed by Citigroup Inc.). These risks include the risk that the variable coupon payments you receive, if any, will result in a yield on the securities that is lower, and perhaps significantly lower, than the yield on our § conventional debt securities of the same maturity that are guaranteed by Citigroup Inc., and the risk that you will incur a significant loss on the securities at maturity. **The volatility of CMS10 and each of the underlying indices, and the correlation between the underlying indices and between CMS10 and each underlying index, are important factors affecting this risk. Greater expected volatility and/or lower expected correlation as of the pricing date may contribute to the higher yield potential, but would also represent a greater expected likelihood as of the pricing date that you will receive low or no coupon payments on the securities and that you would incur a significant loss on the securities at maturity.**

**The securities are subject to risks associated with CMS10 and each of the underlying indices and may be negatively affected by adverse movements in *any one* of CMS10 or any underlying index, regardless of the performance of the others.** The amount of any variable coupon payments you receive will depend on the performance of CMS10 and each of the underlying indices. If CMS10 is low, causing the relevant contingent rate to be low or zero, the securities will pay a low or no coupon even if the closing levels of the underlying indices are consistently greater than their respective accrual barrier levels. Conversely, even if CMS10 is high, causing the relevant contingent rate to be high, the securities will pay no coupon if the closing level of any of the underlying indices is consistently less than its respective accrual barrier level. Moreover, if the closing level of any one of the § underlying indices is less than its respective accrual barrier level, the accrual condition will not be satisfied, and no interest will accrue on the securities, even if the closing level of any other underlying index is significantly greater than its accrual barrier level. Accordingly, you will be subject to risks associated with CMS10 and each of the underlying indices, and your return on the securities will depend significantly on the relationship between such risks over the term of the securities. If any one performs sufficiently poorly, you may receive low or no variable coupon payments for an extended period of time, or even throughout the entire period of the term of the securities, even if the others perform favorably. Furthermore, if the final index level of one underlying index is less than its final barrier level, you will incur a significant loss at maturity, even if the final index level of any other underlying index is greater than its final barrier level.

§ **The accrual condition and the payment at maturity depend on the performance of the worst performing underlying index, and you are therefore exposed to greater risks of receiving no variable coupon payments, and to a greater risk of loss at maturity, than if the securities were linked to just one underlying index.** The risk that you will receive no variable coupon payment on one or more coupon payment dates, and the risk that you will incur a significant loss at maturity, is greater if you invest in the securities as opposed to substantially similar securities that are linked to the performance of just one underlying index. With three underlying indices, it is more likely that at least one underlying index will close below its accrual barrier level on any day during an accrual period, or less than its final barrier level on the final valuation date, than if the securities were linked to only one



underlying index.

**The securities may be called for mandatory redemption at our option after the first year of their term, which limits your ability to receive variable coupon payments if CMS10 and the underlying indices perform favorably.** In determining whether to redeem the securities, we will consider various factors, including then current market interest rates and our expectations about payments we will be required to make on the securities in the future. If we call the securities for mandatory redemption, we will do so at a time that is advantageous to us and without regard to your interests. We are more likely to redeem the securities at a time when CMS10 and the underlying indices are performing favorably from your perspective and when we expect them to continue to do so. Therefore, although the securities offer variable coupon payments with the potential to result in a higher yield § than the yield on our conventional debt securities of the same maturity, if the securities are paying that higher yield and we expect them to continue to do so, it is more likely that we would redeem the securities. Accordingly, the redemption feature of the securities is likely to limit the benefits you receive from the variable coupon payments. If we exercise our redemption right prior to maturity, you may not be able to reinvest your funds in another investment that provides a similar yield with a similar level of risk. Alternatively, if CMS10 and/or any of the underlying indices are performing unfavorably from your perspective or when we expect it to do so in the future, we are less likely to call the securities, so that you may continue to hold securities paying below-market or no interest for an extended period of time.

**The closing levels of the underlying indices will not be observed on certain days and will be assumed to be the same as on earlier days, which will cause certain days to have a greater weight in determining the variable coupon rate.** With respect to an elapsed day on which the closing level of any underlying index is not available, the closing level of that underlying index for that day will be deemed to be the closing level of that underlying index for the immediately preceding elapsed day on which the closing level of that underlying index is available. In addition, § for all elapsed days from and including the fourth-to-last day that is a scheduled trading day for each underlying index in an accrual period to and including the last elapsed day of that accrual period, the closing levels of the underlying indices will not be observed and will be assumed to be the same as on the elapsed day immediately preceding such unobserved days. The relative weighting of the applicable preceding elapsed day will be magnified for purposes of determining whether such elapsed day qualifies as an accrual day. Under these circumstances, if the

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applicable preceding elapsed day is not an accrual day, each successive day on which the closing level of that underlying index is not observed will also not qualify as an accrual day. As a result, to the extent that such preceding elapsed day is not an accrual day, such preceding elapsed day will have a greater weight in determining the number of accrual days during an accrual period. This could adversely affect the amount of any variable coupon payment.

**You may not be adequately compensated for assuming the downside risks of the underlying indices.** The variable quarterly coupon payments you receive on the securities, if any, are the compensation you receive for assuming the downside risks of the underlying indices, as well as all the other risks of the securities. That compensation is effectively “at risk” and may, therefore, be less than you currently anticipate. First, the actual yield you realize on the securities could be lower than you anticipate because the coupon payments are variable and you may not receive any variable coupon payment. Second, the variable quarterly coupon payments, if any, are the compensation you receive not only for assuming the downside risk of the underlying indices, but also for all of the other risks of the securities, including interest rate risk and our and Citigroup Inc.’s credit risk. If those other risks increase or are otherwise greater than you currently anticipate, the coupon payments may turn out to be inadequate to compensate you for all the risks of the securities, including the downside risk of the underlying indices.

**Your payment at maturity depends on the closing level of the worst performing underlying index on a single day.** Because your payment at maturity depends on the closing level of the worst performing underlying index solely on the final valuation date, you are subject to the risk that the closing level of the worst performing underlying index on that day may be lower, and possibly significantly lower, than on one or more other dates during the term of the securities. If you had invested in another instrument linked to the worst performing underlying index that you could sell for full value at a time selected by you, or if the payment at maturity were based on an average of closing levels of the worst performing underlying index, you might have achieved better returns.

**The securities are subject to the credit risk of Citigroup Global Markets Holdings Inc. and Citigroup Inc.** If we default on our obligations under the securities and Citigroup Inc. defaults on its guarantee obligations, you may not receive anything owed to you under the securities.

**The securities will not be listed on any securities exchange and you may not be able to sell them prior to maturity.** The securities will not be listed on any securities exchange. Therefore, there may be little or no secondary market for the securities. CGMI currently intends to make a secondary market in relation to the securities and to provide an indicative bid price for the securities on a daily basis. Any indicative bid price for the securities provided by CGMI will be determined in CGMI’s sole discretion, taking into account prevailing market conditions and other relevant factors, and will not be a representation by CGMI that the securities can be sold at that price, or at all. CGMI may suspend or terminate making a market and providing indicative bid prices without notice, at any time and for any reason. If CGMI suspends or terminates making a market, there may be no secondary market at all for the securities because it is likely that CGMI will be the only broker-dealer that is willing to buy your securities prior to maturity. Accordingly, an investor must be prepared to hold the securities until maturity.

**The securities may be riskier than securities with a shorter term.** The securities have a 10-year term, subject to our right to call the securities for mandatory redemption after the first year of the term of the securities. By purchasing securities with a longer term, you are more exposed to fluctuations in market interest rates and equity markets than if you purchased securities with a shorter term. Specifically, you will be negatively affected if CMS10

decreases or if the closing levels of the underlying indices fall below their respective accrual barrier levels. If either (i) CMS10 decreases to a value that is less than -4.00% per annum or (ii) the closing level of any underlying index is less than its accrual barrier level on each day during an entire accrual period, you will be holding a long-dated security that does not pay any coupon.

**The estimated value of the securities on the pricing date, based on CGMI's proprietary pricing models and our internal funding rate, will be less than the issue price.** The difference is attributable to certain costs associated with selling, structuring and hedging the securities that are included in the issue price. These costs include (i) the selling concessions paid in connection with the offering of the securities, (ii) hedging and other costs incurred by us and our affiliates in connection with the offering of the securities and (iii) the expected profit (which may be more or less than actual profit) to CGMI or other of our affiliates in connection with hedging our obligations under the securities. These costs adversely affect the economic terms of the securities because, if they were lower, the economic terms of the securities would be more favorable to you. The economic terms of the securities are also likely to be adversely affected by the use of our internal funding rate, rather than our secondary market rate, to price the securities. See "The estimated value of the securities would be lower if it were calculated based on our secondary market rate" below.

**The estimated value of the securities was determined for us by our affiliate using proprietary pricing models.** CGMI derived the estimated value disclosed on the cover page of this pricing supplement from its proprietary pricing models. In doing so, it may have made discretionary judgments about the inputs to its models, such as the volatility of the underlying indices and CMS10, the correlation among the underlying indices and CMS10, dividend yields on the stocks that constitute the underlying indices and interest rates. CGMI's views on these inputs may differ from your or others' views, and as an underwriter in this offering, CGMI's interests may conflict with yours. Both the models and the inputs to the models may prove to be wrong and therefore not an accurate reflection of the value of the securities. Moreover, the estimated value of the securities set forth on the cover page of this pricing supplement may differ from the value that we or our affiliates may determine for the securities for other purposes, including for accounting purposes. You should not invest in the securities because of the estimated value of the securities. Instead, you should be willing to hold the securities to maturity irrespective of the initial estimated value.

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**The estimated value of the securities would be lower if it were calculated based on our secondary market rate.** The estimated value of the securities included in this pricing supplement is calculated based on our internal funding rate, which is the rate at which we are willing to borrow funds through the issuance of the securities. Our internal funding rate is generally lower than our secondary market rate, which is the rate that CGMI will use in determining the value of the securities for purposes of any purchases of the securities from you in the secondary market. If the § estimated value included in this pricing supplement were based on our secondary market rate, rather than our internal funding rate, it would likely be lower. We determine our internal funding rate based on factors such as the costs associated with the securities, which are generally higher than the costs associated with conventional debt securities, and our liquidity needs and preferences. Our internal funding rate is not the same as the coupon that is payable on the securities.

Because there is not an active market for traded instruments referencing our outstanding debt obligations, CGMI determines our secondary market rate based on the market price of traded instruments referencing the debt obligations of Citigroup Inc., our parent company and the guarantor of all payments due on the securities, but subject to adjustments that CGMI makes in its sole discretion. As a result, our secondary market rate is not a market-determined measure of our creditworthiness, but rather reflects the market's perception of our parent company's creditworthiness as adjusted for discretionary factors such as CGMI's preferences with respect to purchasing the securities prior to maturity.

**The estimated value of the securities is not an indication of the price, if any, at which CGMI or any other person may be willing to buy the securities from you in the secondary market.** Any such secondary market price will fluctuate over the term of the securities based on the market and other factors described in the next risk factor. Moreover, unlike the estimated value included in this pricing supplement, any value of the securities determined for § purposes of a secondary market transaction will be based on our secondary market rate, which will likely result in a lower value for the securities than if our internal funding rate were used. In addition, any secondary market price for the securities will be reduced by a bid-ask spread, which may vary depending on the aggregate stated principal amount of the securities to be purchased in the secondary market transaction, and the expected cost of unwinding related hedging transactions. As a result, it is likely that any secondary market price for the securities will be less than the issue price.

**The value of the securities prior to maturity will fluctuate based on many unpredictable factors.** The value of your securities prior to maturity will fluctuate based on the level and volatility of the underlying indices and CMS10 and a number of other factors, including the dividend yields on the stocks that constitute the underlying indices, § expectations of future values of CMS10, interest rates generally, the positive or negative correlation among CMS10 and the underlying indices, the time remaining to maturity of the securities and our and Citigroup Inc.'s creditworthiness, as reflected in our secondary market rate. Changes in the value of CMS10 and/or the levels of the underlying indices may not result in a comparable change in the value of your securities. You should understand that the value of your securities at any time prior to maturity may be significantly less than the issue price.

**Immediately following issuance, any secondary market bid price provided by CGMI, and the value that will be indicated on any brokerage account statements prepared by CGMI or its affiliates, will reflect a temporary § upward adjustment.** The amount of this temporary upward adjustment will steadily decline to zero over the temporary adjustment period. See "Valuation of the Securities" in this pricing supplement.

**The securities are linked to the Russell 2000® Index and will be subject to risks associated with small capitalization stocks.** The stocks that constitute the Russell 2000® Index are issued by companies with relatively small market capitalization. The stock prices of smaller companies may be more volatile than stock prices of large capitalization companies. These companies tend to be less well-established than large market capitalization companies. Small capitalization companies may be less able to withstand adverse economic, market, trade and competitive conditions relative to larger companies. Small capitalization companies are less likely to pay dividends on their stocks, and the presence of a dividend payment could be a factor that limits downward stock price pressure under adverse market conditions.

**The EURO STOXX 50® Index is subject to risks associated with non-U.S. markets.** Investments in securities linked to the value of non-U.S. stocks involve risks associated with the securities markets in those countries, including risks of volatility in those markets, governmental intervention in those markets and cross shareholdings in companies in certain countries. Also, there is generally less publicly available information about companies in some of these jurisdictions than about U.S. companies that are subject to the reporting requirements of the SEC. Further, non-U.S. companies are generally subject to accounting, auditing and financial reporting standards and requirements and securities trading rules that are different from those applicable to U.S. reporting companies. The prices of securities in foreign markets may be affected by political, economic, financial and social factors in those countries, or global regions, including changes in government, economic and fiscal policies and currency exchange laws. Moreover, the economies in such countries may differ favorably or unfavorably from the economy of the United States in such respects as growth of gross national product, rate of inflation, capital reinvestment, resources and self-sufficiency.

**The performance of the EURO STOXX 50® Index will not be adjusted for changes in the exchange rate between the euro and the U.S. dollar.** The EURO STOXX 50® Index is composed of stocks traded in euro, the value of which may be subject to a high degree of fluctuation relative to the U.S. dollar. However, the performance of the EURO STOXX 50® Index and the value of your securities will not be adjusted for exchange rate fluctuations. If the euro appreciates relative to the U.S. dollar over the term of the securities, the performance of the EURO STOXX 50® Index as measured for purposes of the securities will be less than it would have been if it offered exposure to that appreciation in addition to the change in the prices of the stocks included in the EURO STOXX 50® Index.

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**Our offering of the securities is not a recommendation of CMS10 or the underlying indices.** The fact that we are offering the securities does not mean that we believe that investing in an instrument linked to CMS10 and the underlying indices is likely to achieve favorable returns. In fact, as we are part of a global financial institution, our affiliates may have positions (including short positions) in the stocks that constitute the underlying indices or in instruments related to CMS10 or the underlying indices or such stocks, and may publish research or express opinions, that in each case are inconsistent with an investment linked to CMS10 and the underlying indices. These and other activities of our affiliates may affect CMS10 or the levels of the underlying indices in a way that has a negative impact on your interests as a holder of the securities.

**Investing in the securities is not equivalent to investing in any of the underlying indices or the stocks that constitute any of the underlying indices.** You will not have voting rights, rights to receive dividends or other distributions or any other rights with respect to the stocks that constitute any of the underlying indices. You will not participate in any appreciation of any of the underlying indices over the term of the securities.

**Adjustments to any of the underlying indices may affect the value of your securities.** The publishers of the underlying indices may add, delete or substitute the stocks that constitute the respective underlying index or make other methodological changes that could affect the level of the respective underlying index. Such publishers may discontinue or suspend calculation or publication of the respective underlying index at any time without regard to your interests as a holder of the securities.

**Uncertainty about the future of LIBOR may affect CMS10 in a way that adversely affects the return on and the value of the securities.** CMS10 is a market rate for the fixed leg of a fixed-for-floating interest rate swap with a 10-year term, where the floating leg is based on 3-month U.S. dollar LIBOR. As a result, CMS10 is significantly influenced by 3-month U.S. dollar LIBOR and expectations about future levels of 3-month U.S. dollar LIBOR. On July 27, 2017, the Chief Executive of the U.K. Financial Conduct Authority (the “FCA”), which regulates LIBOR, announced that the FCA intends to stop persuading or compelling banks to submit rates for the calculation of LIBOR to the LIBOR administrator. The announcement indicates that the continuation of LIBOR on the current basis cannot and will not be guaranteed after 2021. It is impossible to predict whether and to what extent banks will continue to provide LIBOR submissions to the administrator of LIBOR, whether LIBOR rates will cease to be published or supported before or after 2021 or whether any additional reforms to LIBOR may be enacted in the United Kingdom or elsewhere. It is also impossible to predict the impact of any LIBOR-related developments on the method of calculation or the value of CMS10. At this time, no consensus exists as to what rate or rates may become accepted alternatives to LIBOR, including for purposes of the interest rate swaps underlying CMS10, and it is impossible to predict the effect of any such alternatives on the value of securities, such as the securities, that are linked to CMS10. Any changes to 3-month U.S. dollar LIBOR or the calculation of CMS10, and any uncertainty at what these changes may be, may affect CMS10 in a way that adversely affects your return on and value of the securities.

**§ CMS10 and the levels of the underlying indices may be adversely affected by our or our affiliates’ hedging and other trading activities.** We expect to hedge our obligations under the securities through CGMI or other of our affiliates, who may take positions directly in the interest rate swaps that are used to determine CMS10 and/or in stocks that constitute the underlying indices and other financial instruments related to such interest rate swaps, the underlying indices or such stocks and may adjust such positions during the term of the securities. Our affiliates also trade the interest rate swaps that are used to determine CMS10 and the stocks that constitute the underlying indices and other financial instruments related to such interest rate swaps, the underlying indices or such stocks on a regular basis (taking long or short positions or both), for their accounts, for other accounts under their management or to

facilitate transactions on behalf of customers. These activities could affect CMS10 and/or the levels of the underlying indices in a way that negatively affects the value of the securities. They could also result in substantial returns for us or our affiliates while the value of the securities declines.

**We and our affiliates may have economic interests that are adverse to yours as a result of our affiliates' business activities.** Our affiliates may currently or from time to time engage in business with the issuers of the stocks that constitute the underlying indices, including extending loans to, making equity investments in or providing § advisory services to such issuers. In the course of this business, we or our affiliates may acquire non-public information about such issuers, which we will not disclose to you. Moreover, if any of our affiliates is or becomes a creditor of any such issuer, they may exercise any remedies against such issuer that are available to them without regard to your interests.

**The calculation agent, which is an affiliate of ours, will make important determinations with respect to the securities.** If certain events occur, Citibank, N.A., as calculation agent, will be required to make certain discretionary judgments that could significantly affect one or more payments owed to you under the securities. Such § judgments could include, among other things, determining CMS10 if it is not otherwise available on an interest determination date, selecting a successor rate if CMS10 is discontinued and, if no successor rate is selected, calculating CMS10 in good faith and using its reasonable judgment. Any of these determinations made by Citibank, N.A. in its capacity as calculation agent may adversely affect any floating interest payment owed to you under the securities.

**The U.S. federal tax consequences of an investment in the securities are unclear.** There is no direct legal authority regarding the proper U.S. federal tax treatment of the securities, and we do not plan to request a ruling from the Internal Revenue Service (the "IRS"). Consequently, significant aspects of the tax treatment of the securities are uncertain, and the IRS or a court might not agree with the treatment of the securities as described in "United States § Federal Tax Considerations" below. If the IRS were successful in asserting an alternative treatment, the tax consequences of ownership and disposition of the securities might be materially and adversely affected. Moreover, as described in the accompanying product supplement under "United States Federal Tax Considerations," in 2007 the U.S. Treasury Department and the IRS released a notice requesting comments on various issues regarding the U.S. federal income tax treatment of "prepaid forward contracts" and similar instruments. While it is not clear

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whether the securities would be viewed as similar to the typical prepaid forward contract described in the notice, it is possible that any Treasury regulations or other guidance promulgated after consideration of these issues could materially and adversely affect the tax consequences of an investment in the securities, including the character and timing of income or loss recognized by U.S. investors, possibly with retroactive effect. You should read carefully the discussion under “United States Federal Tax Considerations” and “Risk Factors Relating to the Securities” in the accompanying product supplement and “United States Federal Tax Considerations” in this pricing supplement. You should also consult your tax adviser regarding the U.S. federal tax consequences of an investment in the securities, as well as tax consequences arising under the laws of any state, local or non-U.S. taxing jurisdiction.

Non-U.S. investors should note that persons having withholding responsibility in respect of the securities may withhold on any coupon payment paid to a non-U.S. investor, generally at a rate of 30%. To the extent that we have withholding responsibility in respect of the securities, we intend to so withhold.

In addition, Section 871(m) of the Internal Revenue Code of 1986, as amended (the “Code”), imposes a withholding tax of up to 30% on “dividend equivalents” paid or deemed paid to non-U.S. investors in respect of certain financial instruments linked to U.S. equities. In light of Treasury regulations, as modified by an IRS notice, that provide a general exemption for financial instruments issued in 2018 that do not have a “delta” of one, as of the date of this preliminary pricing supplement the securities should not be subject to withholding under Section 871(m). However, information about the application of Section 871(m) to the securities will be updated in the final pricing supplement. Moreover, the IRS could challenge a conclusion that the securities should not be subject to withholding under Section 871(m).

We will not be required to pay any additional amounts with respect to amounts withheld.

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Information About CMS10

Determination of CMS10

CMS10 on any date of determination is the rate for U.S. dollar interest rate swaps with a 10-year maturity appearing on Reuters page “ICESWAP1” (or any successor page as determined by the calculation agent) as of 11:00 a.m. (New York City time) on that date of determination.

If, however, a rate for CMS10 is not published on Reuters page “ICESWAP1” (or any successor page as determined by the calculation agent) on any U.S. government securities business day on which the rate for CMS10 is required, then the calculation agent will request mid-market semi-annual swap rate quotations from the principal New York City office of five leading swap dealers in the New York City interbank market (the “reference banks”) at approximately 11:00 am, New York City time, on that day. For this purpose, the mid-market semi-annual swap rate means the mean of the bid and offered rates for the semi-annual fixed leg, calculated on a 30/360 day count basis, of a fixed-for-floating U.S. dollar interest rate swap transaction with a 10-year maturity, commencing on that day and in a representative amount with an acknowledged dealer of good credit in the swap market, where the floating leg, calculated on an actual/360 day count basis, is equivalent to U.S. dollar LIBOR with a designated maturity of three months. If at least three quotations are provided, the rate for CMS10 for that day will be the arithmetic mean of the quotations, eliminating the highest quotation (or, in the event of equality, one of the highest) and the lowest quotation (or, in the event of equality, one of the lowest). If fewer than three quotations are provided as requested, a rate for CMS10 will be determined by the calculation agent in good faith and using its reasonable judgment.

A “U.S. government securities business day” means any day that is not a Saturday, a Sunday or a day on which The Securities Industry and Financial Markets Association’s U.S. holiday schedule recommends that the fixed income departments of its members be closed for the entire day for purposes of trading in U.S. government securities.

CMS10 is calculated by ICE Benchmark Administration Limited based on tradable quotes for U.S. dollar fixed-for-floating interest rate swaps with a 10-year maturity that are sourced from electronic trading venues.

The provisions set forth in this section “—Determination of CMS10” are subject to the discussion in “—Discontinuance of CMS10” below.

Determination of CMS10

If the calculation and publication of CMS10 is permanently canceled, then the calculation agent may identify an alternative rate that it determines, in its sole discretion, represents the same or a substantially similar measure or benchmark as CMS10, and the calculation agent may deem that rate (the “successor CMS rate”) to be CMS10. Upon the selection of any successor CMS rate by the calculation agent pursuant to this paragraph, references in this pricing supplement to the original CMS10 will no longer be deemed to refer to the original CMS10 and will be deemed instead to refer to that successor CMS rate for all purposes. In such event, the calculation agent will make such adjustments, if any, to any value of CMS10 that is used for purposes of the securities as it determines are appropriate in the circumstances. Upon any selection by the calculation agent of a successor CMS rate, the calculation agent will cause notice to be furnished to us and the trustee.

If the calculation and publication of CMS10 is permanently canceled and no successor CMS rate is chosen as described above, then the calculation agent will calculate the value of CMS10 on each subsequent date of determination in good faith and using its reasonable judgment. Such value, as calculated by the calculation agent, will be the relevant rate for CMS10 for all purposes.

Notwithstanding these alternative arrangements, the cancellation of CMS10 may adversely affect coupon payments on, and the value of, the securities.

#### *Historical Information*

The rate for CMS10 at 11:00 a.m. (New York time) on August 1, 2018 was 3.071%. The graph below shows the daily values of CMS10 for each day such value was available from January 2, 2008 to August 1, 2018. We obtained the values below from Bloomberg L.P., without independent verification. You should not take the historical values of CMS10 as an indication of the future values of CMS10 during the term of the securities.

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**Historical CMS10**  
**January 2, 2008 to August 1, 2018**

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### Information About the S&P 500<sup>®</sup> Index

The S&P 500<sup>®</sup> Index consists of the common stocks of 500 issuers selected to provide a performance benchmark for the large capitalization segment of the U.S. equity markets. It is calculated and maintained by S&P Dow Jones Indices LLC. The S&P 500<sup>®</sup> Index is reported by Bloomberg L.P. under the ticker symbol “SPX.”

“Standard & Poor’s,” “S&P” and “S&P 500” trademarks of Standard & Poor’s Financial Services LLC and have been licensed for use by Citigroup Inc. and its affiliates. For more information, see “Equity Index Descriptions—The S&P U.S. Indices—License Agreement” in the accompanying underlying supplement.

Please refer to the section “Equity Index Descriptions—The S&P U.S. Indices—The S&P 500<sup>®</sup> Index” in the accompanying underlying supplement for important disclosures regarding the S&P 500<sup>®</sup> Index.

### *Historical Information*

The closing level of the S&P 500<sup>®</sup> Index on August 1, 2018 was 2,813.36.

The graph below shows the closing level of the S&P 500<sup>®</sup> Index for each day such level was available from January 2, 2008 to August 1, 2018. We obtained the closing levels from Bloomberg L.P., without independent verification. You should not take the historical closing levels of the S&P 500<sup>®</sup> Index as an indication of future performance.

### **S&P 500<sup>®</sup> Index — Historical Closing Levels January 2, 2008 to August 1, 2018**

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#### Information About the Russell 2000® Index

The Russell 2000® Index is designed to track the performance of the small capitalization segment of the U.S. equity market. All stocks included in the Russell 2000® Index are traded on a major U.S. exchange. It is calculated and maintained by FTSE Russell, a subsidiary of London Stock Exchange Group. The Russell 2000® Index is reported by Bloomberg L.P. under the ticker symbol “RTY.”

“Russell 2000® Index” is a trademark of FTSE Russell and has been licensed for use by Citigroup Inc. and its affiliates. For more information, see “Equity Index Descriptions—The Russell Indices—License Agreement” in the accompanying underlying supplement.

Please refer to the section “Equity Index Descriptions—The Russell Indices—The Russell 2000® Index” in the accompanying underlying supplement for important disclosures regarding the Russell 2000® Index.

#### *Historical Information*

The closing level of the Russell 2000® Index on August 1, 2018 was 1,669.263.

The graph below shows the closing level of the Russell 2000® Index for each day such level was available from January 2, 2008 to August 1, 2018. We obtained the closing levels from Bloomberg L.P., without independent verification. You should not take the historical closing levels of the Russell 2000® Index as an indication of future performance.

#### **Russell 2000® Index — Historical Closing Levels January 2, 2008 to August 1, 2018**

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#### Information About the EURO STOXX 50<sup>®</sup> Index

The EURO STOXX 50<sup>®</sup> Index is composed of 50 component stocks of market sector leaders from within the 19 EURO STOXX<sup>®</sup> Supersector indices, which represent the Eurozone portion of the STOXX Europe 600<sup>®</sup> Supersector indices. The STOXX Europe 600<sup>®</sup> Supersector indices contain the 600 largest stocks traded on the major exchanges of 18 European countries. The EURO STOXX 50<sup>®</sup> Index is reported by Bloomberg L.P. under the ticker symbol “SX5E.”

STOXX Limited (“STOXX”) and its licensors and CGMI have entered into a non-exclusive license agreement providing for the license to CGMI and its affiliates, in exchange for a fee, of the right to use the EURO STOXX 50<sup>®</sup> Index, which is owned and published by STOXX, in connection with certain financial instruments, including the securities. For more information, see “Equity Index Descriptions—The EURO STOXX<sup>®</sup> 50 Index—License Agreement” in the accompanying underlying supplement.

Please refer to the section “Equity Index Descriptions—The EURO STOXX<sup>®</sup> 50 Index” in the accompanying underlying supplement for important disclosures regarding the EURO STOXX 50<sup>®</sup> Index.

#### Historical Information

The closing level of the EURO STOXX 50<sup>®</sup> Index on August 1, 2018 was 3,509.23.

The graph below shows the closing level of the EURO STOXX 50<sup>®</sup> Index for each day such level was available from January 2, 2008 to August 1, 2018. We obtained the closing levels from Bloomberg L.P., without independent verification. You should not take the historical levels of the EURO STOXX 50<sup>®</sup> Index as an indication of future performance.

#### **EURO STOXX 50<sup>®</sup> Index — Historical Closing Levels January 2, 2008 to August 1, 2018**

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United States Federal Tax Considerations

You should read carefully the discussion under “United States Federal Tax Considerations” and “Risk Factors Relating to the Securities” in the accompanying product supplement and “Summary Risk Factors” in this pricing supplement.

Due to the lack of any controlling legal authority, there is substantial uncertainty regarding the U.S. federal tax consequences of an investment in the securities. In connection with any information reporting requirements we may have in respect of the securities under applicable law, we intend (in the absence of an administrative determination or judicial ruling to the contrary) to treat the securities for U.S. federal income tax purposes as prepaid forward contracts with associated coupon payments that will be treated as gross income to you at the time received or accrued in accordance with your regular method of tax accounting. In the opinion of our counsel, Davis Polk & Wardwell LLP, which is based on current market conditions, this treatment of the securities is reasonable under current law; however, our counsel has advised us that it is unable to conclude affirmatively that this treatment is more likely than not to be upheld, and that alternative treatments are possible.

Assuming this treatment of the securities is respected and subject to the discussion in “United States Federal Tax Considerations” in the accompanying product supplement, the following U.S. federal income tax consequences should result under current law:

Any coupon payments on the securities should be taxable as ordinary income to you at the time received or accrued in accordance with your regular method of accounting for U.S. federal income tax purposes.

Upon a sale or exchange of a security (including retirement at maturity), you should recognize capital gain or loss equal to the difference between the amount realized and your tax basis in the security. For this purpose, the amount realized does not include any coupon paid on retirement and may not include sale proceeds attributable to an accrued coupon, which may be treated as a coupon payment. Such gain or loss should be long-term capital gain or loss if you held the security for more than one year.

We do not plan to request a ruling from the IRS regarding the treatment of the securities, and the IRS or a court might not agree with the treatment described herein. In addition, the U.S. Treasury Department and the IRS have released a notice requesting comments on the U.S. federal income tax treatment of “prepaid forward contracts.” While it is not clear whether the securities would be viewed as similar to the typical prepaid forward contract described in the notice, it is possible that any Treasury regulations or other guidance promulgated after consideration of these issues could materially and adversely affect the tax consequences of an investment in the securities, including the character and timing of income or loss, possibly with retroactive effect. You should consult your tax adviser regarding possible alternative tax treatments of the securities and potential consequences of the IRS notice.

**Withholding Tax on Non-U.S. Holders.** Because significant aspects of the tax treatment of the securities are uncertain, persons having withholding responsibility in respect of the securities may withhold on any coupon payment paid to Non-U.S. Holders (as defined in the accompanying product supplement), generally at a rate of 30%. To the extent that we have (or an affiliate of ours has) withholding responsibility in respect of the securities, we intend to so withhold. In order to claim an exemption from, or a reduction in, the 30% withholding, you may need to comply with certification requirements to establish that you are not a U.S. person and are eligible for such an exemption or reduction under an applicable tax treaty. You should consult your tax adviser regarding the tax treatment of the securities, including the possibility of obtaining a refund of any amounts withheld and the certification requirement described above.

Moreover, as discussed under “United States Federal Tax Considerations – Tax Consequences to Non-U.S. Holders – Possible Withholding Under Section 871(m) of the Code” in the accompanying product supplement, Section 871(m) of the Code and Treasury regulations promulgated thereunder (“Section 871(m)”) generally impose a 30% withholding tax on dividend equivalents paid or deemed paid to Non-U.S. Holders with respect to certain financial instruments linked to U.S. equities (“U.S. Underlying Equities”) or indices that include U.S. Underlying Equities. Section 871(m) generally applies to instruments that substantially replicate the economic performance of one or more U.S. Underlying Equities, as determined based on tests set forth in the applicable Treasury regulations (a “Specified Security”). However, the regulations, as modified by an IRS notice, exempt financial instruments issued in 2018 that do not have a “delta” of one. Based on the terms of the securities and representations provided by us, our counsel is of the opinion that the securities should not be treated as transactions that have a “delta” of one within the meaning of the regulations with respect to any U.S. Underlying Equity and, therefore, should not be Specified Securities subject to withholding tax under Section 871(m).

A determination that the securities are not subject to Section 871(m) is not binding on the IRS, and the IRS may disagree with this treatment. Moreover, Section 871(m) is complex and its application may depend on your particular circumstances. For example, if you enter into other transactions relating to a U.S. Underlying Equity, you could be subject to withholding tax or income tax liability under Section 871(m) even if the securities are not Specified Securities subject to Section 871(m) as a general matter. You should consult your tax adviser regarding the potential application of Section 871(m) to the securities.

This information is indicative and will be updated in the final pricing supplement or may otherwise be updated by us in writing from time to time. Non-U.S. Holders should be warned that Section 871(m) may apply to the securities based on circumstances as of the pricing date for the securities and, therefore, it is possible that the securities will be subject to withholding tax under Section 871(m).

We will not be required to pay any additional amounts with respect to amounts withheld.

**You should read the section entitled “United States Federal Tax Considerations” in the accompanying product supplement. The preceding discussion, when read in combination with that section, constitutes the full opinion of Davis Polk & Wardwell LLP regarding the material U.S. federal tax consequences of owning and disposing of the securities.**



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**You should also consult your tax adviser regarding all aspects of the U.S. federal income and estate tax consequences of an investment in the securities and any tax consequences arising under the laws of any state, local or non-U.S. taxing jurisdiction.**

#### Supplemental Plan of Distribution

CGMI, an affiliate of Citigroup Global Markets Holdings Inc. and the underwriter of the sale of the securities, is acting as principal and will receive an underwriting fee of up to \$25 for each security sold in this offering. The actual underwriting fee will be equal to the selling concession provided to selected dealers, as described in this paragraph. CGMI will pay selected dealers a variable selling concession of up to \$25 for each security they sell to accounts other than fee-based advisory accounts. For the avoidance of doubt, the fees and selling concessions described in this pricing supplement will not be rebated if the securities are redeemed prior to maturity.

CGMI is an affiliate of ours. Accordingly, this offering will conform with the requirements addressing conflicts of interest when distributing the securities of an affiliate set forth in Rule 5121 of the Financial Industry Regulatory Authority. Client accounts over which Citigroup Inc. or its subsidiaries have investment discretion will not be permitted to purchase the securities, either directly or indirectly, without the prior written consent of the client.

Secondary market sales of securities typically settle two business days after the date on which the parties agree to the sale. Because the issue date for the securities is more than two business days after the pricing date, investors who wish to sell the securities at any time prior to the second business day preceding the issue date will be required to specify an alternative settlement date for the secondary market sale to prevent a failed settlement. Investors should consult their own investment advisors in this regard.

See “Plan of Distribution; Conflicts of Interest” in the accompanying product supplement and “Plan of Distribution” in each of the accompanying prospectus supplement and prospectus for additional information.

A portion of the net proceeds from the sale of the securities will be used to hedge our obligations under the securities. We expect to hedge our obligations under the securities through CGMI or other of our affiliates. CGMI or such other of our affiliates may profit from this expected hedging activity even if the value of the securities declines. This hedging activity could affect CMS10 or the closing levels of the underlying indices and, therefore, the value of and your return on the securities. For additional information on the ways in which our counterparties may hedge our obligations under the securities, see “Use of Proceeds and Hedging” in the accompanying prospectus.

#### Valuation of the Securities

CGMI calculated the estimated value of the securities set forth on the cover page of this pricing supplement based on proprietary pricing models. CGMI's proprietary pricing models generated an estimated value for the securities by estimating the value of a hypothetical package of financial instruments that would replicate the payout on the securities, which consists of a fixed-income bond (the "bond component") and one or more derivative instruments underlying the economic terms of the securities (the "derivative component"). CGMI calculated the estimated value of the bond component using a discount rate based on our internal funding rate. CGMI calculated the estimated value of the derivative component based on a proprietary derivative-pricing model, which generated a theoretical price for the instruments that constitute the derivative component based on various inputs, including the factors described under "Summary Risk Factors—The value of the securities prior to maturity will fluctuate based on many unpredictable factors" in this pricing supplement, but not including our or Citigroup Inc.'s creditworthiness. These inputs may be market-observable or may be based on assumptions made by CGMI in its discretionary judgment.

The estimated value of the securities is a function of the terms of the securities and the inputs to CGMI's proprietary pricing models. As of the date of this preliminary pricing supplement, it is uncertain what the estimated value of the securities will be on the pricing date because it is uncertain what the values of the inputs to CGMI's proprietary pricing models will be on the pricing date.

For a period of approximately six months following issuance of the securities, the price, if any, at which CGMI would be willing to buy the securities from investors, and the value that will be indicated for the securities on any brokerage account statements prepared by CGMI or its affiliates (which value CGMI may also publish through one or more financial information vendors), will reflect a temporary upward adjustment from the price or value that would otherwise be determined. This temporary upward adjustment represents a portion of the hedging profit expected to be realized by CGMI or its affiliates over the term of the securities. The amount of this temporary upward adjustment will decline to zero on a straight-line basis over the six-month temporary adjustment period. However, CGMI is not obligated to buy the securities from investors at any time. See "Summary Risk Factors—The securities will not be listed on any securities exchange and you may not be able to sell them prior to maturity."

Citigroup Global Markets Holdings Inc.

Certain Selling Restrictions

Hong Kong Special Administrative Region

The contents of this pricing supplement and the accompanying product supplement, underlying supplement, prospectus supplement and prospectus have not been reviewed by any regulatory authority in the Hong Kong Special Administrative Region of the People's Republic of China ("Hong Kong"). Investors are advised to exercise caution in relation to the offer. If investors are in any doubt about any of the contents of this pricing supplement and the accompanying product supplement, underlying supplement, prospectus supplement and prospectus, they should obtain independent professional advice.

The securities have not been offered or sold and will not be offered or sold in Hong Kong by means of any document, other than

- (i) to persons whose ordinary business is to buy or sell shares or debentures (whether as principal or agent); or
- (ii) to "professional investors" as defined in the Securities and Futures Ordinance (Cap. 571) of Hong Kong (the "Securities and Futures Ordinance") and any rules made under that Ordinance; or

(iii) in other circumstances which do not result in the document being a "prospectus" as defined in the Companies Ordinance (Cap. 32) of Hong Kong or which do not constitute an offer to the public within the meaning of that Ordinance; and

There is no advertisement, invitation or document relating to the securities which is directed at, or the contents of which are likely to be accessed or read by, the public of Hong Kong (except if permitted to do so under the securities laws of Hong Kong) other than with respect to securities which are or are intended to be disposed of only to persons outside Hong Kong or only to "professional investors" as defined in the Securities and Futures Ordinance and any rules made under that Ordinance.

Non-insured Product: These securities are not insured by any governmental agency. These securities are not bank deposits and are not covered by the Hong Kong Deposit Protection Scheme.

Singapore

This pricing supplement and the accompanying product supplement, underlying supplement, prospectus supplement and prospectus have not been registered as a prospectus with the Monetary Authority of Singapore, and the securities will be offered pursuant to exemptions under the Securities and Futures Act, Chapter 289 of Singapore (the “Securities and Futures Act”). Accordingly, the securities may not be offered or sold or made the subject of an invitation for subscription or purchase nor may this pricing supplement or any other document or material in connection with the offer or sale or invitation for subscription or purchase of any securities be circulated or distributed, whether directly or indirectly, to any person in Singapore other than (a) to an institutional investor pursuant to Section 274 of the Securities and Futures Act, (b) to a relevant person under Section 275(1) of the Securities and Futures Act or to any person pursuant to Section 275(1A) of the Securities and Futures Act and in accordance with the conditions specified in Section 275 of the Securities and Futures Act, or (c) otherwise pursuant to, and in accordance with the conditions of, any other applicable provision of the Securities and Futures Act. Where the securities are subscribed or purchased under Section 275 of the Securities and Futures Act by a relevant person which is:

a corporation (which is not an accredited investor (as defined in Section 4A of the Securities and Futures Act)) the (a) sole business of which is to hold investments and the entire share capital of which is owned by one or more individuals, each of whom is an accredited investor; or

a trust (where the trustee is not an accredited investor) whose sole purpose is to hold investments and each beneficiary is an individual who is an accredited investor, securities (as defined in Section 239(1) of the Securities and Futures Act) of that corporation or the beneficiaries’ rights and interests (howsoever described) in that trust shall not be transferable for 6 months after that corporation or that trust has acquired the relevant securities pursuant to an offer under Section 275 of the Securities and Futures Act except:

to an institutional investor or to a relevant person defined in Section 275(2) of the Securities and Futures Act or to (i) any person arising from an offer referred to in Section 275(1A) or Section 276(4)(i)(B) of the Securities and Futures Act; or

(ii) where no consideration is or will be given for the transfer; or

(iii) where the transfer is by operation of law; or

(iv) pursuant to Section 276(7) of the Securities and Futures Act; or

(v) as specified in Regulation 32 of the Securities and Futures (Offers of Investments) (Shares and Debentures) Regulations 2005 of Singapore.

Any securities referred to herein may not be registered with any regulator, regulatory body or similar organization or institution in any jurisdiction.

The securities are Specified Investment Products (as defined in the Notice on Recommendations on Investment Products and Notice on the Sale of Investment Product issued by the Monetary Authority of Singapore on 28 July 2011) that is neither listed nor quoted on a securities market or a futures market.

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Non-insured Product: These securities are not insured by any governmental agency. These securities are not bank deposits. These securities are not insured products subject to the provisions of the Deposit Insurance and Policy Owners' Protection Schemes Act 2011 of Singapore and are not eligible for deposit insurance coverage under the Deposit Insurance Scheme.

Prohibition of Sales to EEA Retail Investors

The securities may not be offered, sold or otherwise made available to any retail investor in the European Economic Area. For the purposes of this provision:

(a) the expression "retail investor" means a person who is one (or more) of the following:

- (i) a retail client as defined in point (11) of Article 4(1) of Directive 2014/65/EU (as amended, "MiFID II"); or
- (ii) a customer within the meaning of Directive 2002/92/EC, where that customer would not qualify as a professional client as defined in point (10) of Article 4(1) of MiFID II; or
- (iii) not a qualified investor as defined in Directive 2003/71/EC; and

(b) the expression "offer" includes the communication in any form and by any means of sufficient information on the terms of the offer and the securities offered so as to enable an investor to decide to purchase or subscribe the securities.

Contact

Clients may contact their local brokerage representative. Third-party distributors may contact Citi Structured Investment Sales at (212) 723-7005.

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