CANADIAN IMPERIAL BANK OF COMMERCE /CAN/ Form FWP October 01, 2018

	Subject to Completion Preliminary Term Sheet dated October 1, 2018	(To Prospe Prospectus Supplemen	Filed Pursuant to Rule 433 s Statement No. 333-216286 ectus dated March 28, 2017, t dated March 28, 2017 and FOCK ARN-1 dated July 21, 2017)
Units \$10 principal amount per unit CUSIP No.	Pricing Date Settlement I Maturity Dat	Date*	October , 2018 November , 2018 December , 2019
	•	change based on the actual the public (the pricing dat	date the notes are priced for e)

Accelerated Return Notes Linked to a Basket of Three Financial Sector Stocks

- § Maturity of approximately 14 months
- 3-to-1 upside exposure to increases in the Basket, subject to a capped return of [17.50% to 21.50%]
- The Basket will be comprised of the common stock of each of Citigroup Inc., JPMorgan Chase & Co., and Wells Fargo & Company (the Basket Stocks)
- § 1-to-1 downside exposure to decreases in the Basket, with up to 100% of your investment at risk
- 8 All payments occur at maturity and are subject to the credit risk of Canadian Imperial Bank of Commerce
- § No periodic interest payments
- § In addition to the underwriting discount set forth below, the notes include a hedging-related charge of \$0.075 per unit. See Structuring the Notes
- § Limited secondary market liquidity, with no exchange listing
- § The notes are unsecured debt securities and are not savings accounts or insured deposits of a bank. The notes are not insured or guaranteed by the Canada Deposit Insurance Corporation, the U.S. Federal Deposit Insurance Corporation or any other governmental agency of the United States, Canada, or any other jurisdiction

The notes are being issued by Canadian Imperial Bank of Commerce (CIBC). There are important differences between the notes and a conventional debt security, including different investment risks and certain additional costs. See Risk Factors and Additional Risk Factors beginning on page TS-6 of this term sheet and Risk Factors beginning on page PS-6 of product supplement STOCK ARN-1.

The initial e	estimated value of	the notes	as of the p	ricing date is expected	d to be betwee	en \$9.436 and \$9.688 p	er unit, which is less th	an the
public offer	ring price listed be	elow. See	Summary	on the following page,	Risk Factors	beginning on page TS-	6 of this term sheet and	Structuring
the Notes	on page TS-15 of th	nis term she	eet for addit	ional information. The a	ctual value of y	our notes at any time w	ill reflect many factors ar	id cannot
be predicted	with accuracy.							
•	•							

None of the Securities and Exchange Commission (the SEC), any state securities commission, or any other regulatory body has approved or disapproved of these securities or determined if this Note Prospectus (as defined below) is truthful or complete. Any representation to the contrary is a criminal offense.

	Per Unit	Total
Public offering price(1)	\$ 10.00	\$
Underwriting discount(1)	\$ 0.20	\$
Proceeds, before expenses, to CIBC	\$ 9.80	\$

⁽¹⁾ For any purchase of 500,000 units or more in a single transaction by an individual investor or in combined transactions with the investor s household in this offering, the public offering price and the underwriting discount will be \$9.95 per unit and \$0.15 per unit, respectively. See Supplement to the Plan of Distribution below.

The notes:

Are Not FDIC Insured	Are Not Bank Guaranteed	May Lose Value

Merrill Lynch & Co.

October , 2018

Linked to a Basket of Three Financial Sector Stocks, due December , 2019

Summary

The Accelerated Return Notes® Linked to a Basket of Three Financial Sector Stocks, due December , 2019 (the notes) are our senior unsecured debt securities. The notes are not guaranteed or insured by the Canada Deposit Insurance Corporation, the U.S. Federal Deposit Insurance Corporation or any other governmental agency of the United States, Canada or any other jurisdiction or secured by collateral. The notes will rank equally with all of our other unsecured and unsubordinated debt. Any payments due on the notes, including any repayment of principal, will be subject to the credit risk of CIBC. The notes provide you a leveraged return, subject to a cap, if the Ending Value of the Market Measure, which is the basket of three financial sector stocks described below (the Basket), is greater than its Starting Value. If the Ending Value is less than the Starting Value, you will lose all or a portion of the principal amount of your notes. Any payments on the notes will be calculated based on the \$10 principal amount per unit and will depend on the performance of the Basket, subject to our credit risk. See Terms of the Notes below.

The economic terms of the notes (including the Capped Value) are based on our internal funding rate, which is the rate we would pay to borrow funds through the issuance of market-linked notes, and the economic terms of certain related hedging arrangements. Our internal funding rate is typically lower than the rate we would pay when we issue conventional fixed rate debt securities. This difference in funding rate, as well as the underwriting discount and the hedging related charge described below, will reduce the economic terms of the notes to you and the initial estimated value of the notes on the pricing date. Due to these factors, the public offering price you pay to purchase the notes will be greater than the initial estimated value of the notes.

On the cover page of this term sheet, we have provided the initial estimated value range for the notes. This initial estimated value range was determined based on our pricing models. The initial estimated value as of the pricing date will be based on our internal funding rate on the pricing date, market conditions and other relevant factors existing at that time, and our assumptions about market parameters. For more information about the initial estimated value and the structuring of the notes, see Structuring the Notes on page TS-15.

Terms of the Notes

Issuer:

Canadian Imperial Bank of

Commerce (CIBC)

Principal Amount: \$10.00 per unit

Term: Approximately 14 months

Market Measure: An approximately equally weighted

basket of three financial sector stocks comprised of the common stock of each of Citigroup Inc. (NYSE symbol: C), JPMorgan Chase & Co. (NYSE symbol: JPM) and Wells Fargo & Company (NYSE symbol: WFC) (each, a

Basket Stock).

Redemption Amount Determination

On the maturity date, you will receive a cash payment per unit determined as follows:

Starting Value: The Starting Value will be set to

100.00 on the pricing date.

Ending Value: The value of the Basket on the

calculation day. The scheduled calculation day is subject to postponement in the event of Market Disruption Events, as described in The Basket section

below.

Participation Rate: 300%

Capped Value: [\$11.75 to \$12.15] per unit, which

represents a return of [17.50% to 21.50%] over the principal amount. The actual Capped Value will be determined on the pricing date.

Calculation Day: Approximately the fifth scheduled

trading day immediately preceding

the maturity date.

Price Multiplier: 1, for each Basket Stock, subject to

adjustment for certain corporate events relating to the Basket Stocks described beginning on page PS-18 of product supplement

STOCK ARN-1.

Fees and Charges: The underwriting discount of \$0.20

per unit listed on the cover page and the hedging-related charge of \$0.075 per unit

described in Structuring the Notes

on page TS-15.

Calculation Agent: Merrill Lynch, Pierce, Fenner &

Smith Incorporated (MLPF&S).

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Accelerated Return Notes®

Linked to a Basket of Three Financial Sector Stocks, due December , 2019

The terms and risks of the notes are contained in this term sheet and in the following:

- § Product supplement STOCK ARN-1 dated July 21, 2017: https://www.sec.gov/Archives/edgar/data/1045520/000110465917046181/a17-16880_24424b5.htm
- § Prospectus dated March 28, 2017 and prospectus supplement dated March 28, 2017: https://www.sec.gov/Archives/edgar/data/1045520/000110465917019619/a17-8647_1424b3.htm

These documents (together, the Note Prospectus) have been filed as part of a registration statement with the SEC, which may, without cost, be accessed on the SEC website as indicated above or obtained from MLPF&S by calling 1-800-294-1322. Before you invest, you should read the Note Prospectus, including this term sheet, for information about us and this offering. Any prior or contemporaneous oral statements and any other written materials you may have received are superseded by the Note Prospectus. Capitalized terms used but not defined in this term sheet have the meanings set forth in product supplement STOCK ARN-1. Unless otherwise indicated or unless the context requires otherwise, all references in this document to we, us, our, or similar references are to CIBC.

Investor Considerations

You may wish to consider an investment in the notes if:

- § You anticipate that the value of the Basket will increase moderately from the Starting Value to the Ending Value.
- § You are willing to risk a loss of principal and return if the value of the Basket decreases from the Starting Value to the Ending Value.
- You accept that the return on the notes will be capped.
- § You are willing to forgo the interest payments that are paid on conventional interest bearing debt securities.
- § You are willing to forgo dividends or other benefits of owning the Basket Stocks.

The notes may not be an appropriate investment for you if:

- § You believe that the value of the Basket will decrease from the Starting Value to the Ending Value or that it will not increase sufficiently over the term of the notes to provide you with your desired return.
- You seek principal repayment or preservation of capital.
- You seek an uncapped return on your investment.
- You seek interest payments or other current income on your investment.
- You want to receive dividends or other distributions paid on the Basket Stocks.

- § You are willing to accept a limited or no market for sales prior to maturity, and understand that the market prices for the notes, if any, will be affected by various factors, including our actual and perceived creditworthiness, our internal funding rate and fees and charges on the notes.
- § You seek an investment for which there will be a liquid secondary market.
- § You are unwilling or are unable to take market risk on the notes or to take our credit risk as issuer of the notes.
- § You are willing to assume our credit risk, as issuer of the notes, for all payments under the notes, including the Redemption Amount.

We urge you to consult your investment, legal, tax, accounting, and other advisors before you invest in the notes.

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Linked to a Basket of Three Financial Sector Stocks, due December , 2019

Hypothetical Payout Profile and Examples of Payments at Maturity

The below graph is based on hypothetical numbers and value	The belov	v graph is	based on	hypothetical	numbers	and value
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This graph reflects the returns on the notes, based on the Participation Rate of 300% and a hypothetical Capped Value of \$11.95 per unit (the midpoint of the Capped Value range of [\$11.75 to \$12.15]). The green line reflects the returns on the notes, while the dotted gray line reflects the returns of a direct investment in the Basket Stocks, excluding dividends.

This graph has been prepared for purposes of illustration only.

The following table and examples are for purposes of illustration only. They are based on **hypothetical** values and show **hypothetical** returns on the notes. They illustrate the calculation of the Redemption Amount and total rate of return based on the Starting Value of 100.00, the Participation Rate of 300%, a hypothetical Capped Value of \$11.95 per unit and a range of hypothetical Ending Values. **The actual amount you receive and the resulting total rate of return will depend on the actual Ending Value and Capped Value, and whether you hold the notes to maturity.** The following examples do not take into account any tax consequences from investing in the notes.

For recent **hypothetical** values of the Basket, see The Basket section below. For recent actual prices of the Basket Stocks, see The Basket Stocks section below. The Ending Value will not include any income generated by dividends paid on the Basket Stocks, which you would otherwise be entitled to receive if you invested in those stocks directly. In addition, all payments on the notes are subject to issuer credit risk.

Ending Value	
0.00	
50.00	

Redemption Amount per
Unit
\$0.00
\$5.00

Total Rate of Return on the
Notes
-100.00%
-50.00%

00.00	-20.00%	¢0.00	20.00%
80.00		\$8.00	-20.00%
90.00	-10.00%	\$9.00	-10.00%
94.00	-6.00%	\$9.40	-6.00%
97.00	-3.00%	\$9.70	-3.00%
100.00(1)	0.00%	\$10.00	0.00%
102.00	2.00%	\$10.60	6.00%
103.00	3.00%	\$10.90	9.00%
105.00	5.00%	\$11.50	15.00%
106.50	6.50%	\$11.95(2)	19.50%
110.00	10.00%	\$11.95	19.50%
120.00	20.00%	\$11.95	19.50%
130.00	30.00%	\$11.95	19.50%
140.00	40.00%	\$11.95	19.50%
150.00	50.00%	\$11.95	19.50%
160.00	60.00%	\$11.95	19.50%

- (1) The Starting Value will be set to 100.00 on the pricing date.
- (2) The Redemption Amount per unit cannot exceed the **hypothetical** Capped Value.

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Accelerated Return Notes® Linked to a Basket of Three Financial Sector Stocks, due December , 2019 **Redemption Amount Calculation Examples** Example 1 The Ending Value is 80.00, or 80.00% of the Starting Value: Starting Value: 100.00 Ending Value: 80.00 = \$8.00 Redemption Amount per unit Example 2 The Ending Value is 103.00, or 103.00% of the Starting Value: Starting Value: 100.00

= \$10.90 Redemption Amount per unit

Ending Value: 103.00

The Ending Val	lue is 130.00, or 130.00% of the Starting	g Value:			
Starting Value:	100.00				
Ending Value:	130.00				
				or the notes cannot exce nt will be \$11.95 per unit	
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Risk Factors

There are important differences between the notes and a conventional debt security. An investment in the notes involves significant risks, including those listed below. You should carefully review the more detailed explanation of risks relating to the notes in the Risk Factors sections beginning on page PS-6 of product supplement STOCK ARN-1, page S-1 of the prospectus supplement, and page 1 of the prospectus identified above. We also urge you to consult your investment, legal, tax, accounting, and other advisors before you invest in the notes.

- § Depending on the performance of the Basket as measured shortly before the maturity date, your investment may result in a loss; there is no guaranteed return of principal.
- § Your return on the notes may be less than the yield you could earn by owning a conventional fixed or floating rate debt security of comparable maturity.
- § Your investment return is limited to the return represented by the Capped Value and may be less than a comparable investment directly in the Basket Stocks.
- § Payments on the notes are subject to our credit risk, and actual or perceived changes in our creditworthiness are expected to affect the value of the notes. If we become insolvent or are unable to pay our obligations, you may lose your entire investment.
- § Our initial estimated value of the notes will be lower than the public offering price of the notes. The public offering price of the notes will exceed our initial estimated value because costs associated with selling and structuring the notes, as well as hedging the notes, all as further described in Structuring the Notes on page TS-15, are included in the public offering price of the notes.
- § Our initial estimated value does not represent future values of the notes and may differ from others estimates. Our initial estimated value is only an estimate, which will be determined by reference to our internal pricing models when the terms of the notes are set. This estimated value will be based on market conditions and other relevant factors existing at that time, our internal funding rate on the pricing date and our assumptions about market parameters, which can include volatility, dividend rates, interest rates and other factors. Different pricing models and assumptions could provide valuations for the notes that are greater or less than our initial estimated value. In addition, market conditions and other relevant factors in the future may change, and any assumptions may prove to be incorrect. On future dates, the market value of the notes could change significantly based on, among other things, changes in market conditions, including the value of the Market Measure, our creditworthiness, interest rate movements and other relevant factors, which may impact the price at which MLPF&S or any other party would be willing to buy notes from you in any secondary market transactions. Our estimated value does not represent a minimum price at which MLPF&S or any other party would be willing to buy your notes in any secondary market (if any exists) at any time.
- § Our initial estimated value of the notes will not be determined by reference to credit spreads for our conventional fixed-rate debt. The internal funding rate to be used in the determination of our initial estimated value of the notes generally represents a discount from the credit spreads for our

conventional fixed-rate debt. The discount is based on, among other things, our view of the funding value of the notes as well as the higher issuance, operational and ongoing liability management costs of the notes in comparison to those costs for our conventional fixed-rate debt. If we were to use the interest rate implied by our conventional fixed-rate debt, we would expect the economic terms of the notes to be more favorable to you. Consequently, our use of an internal funding rate for market-linked notes would have an adverse effect on the economic terms of the notes, the initial estimated value of the notes on the pricing date, and any secondary market prices of the notes.

notes. There is no assurance that any party will be willing to purchase you trading activities, and those of MLPF&S and our respective affiliates (including activities).	e nor MLPF&S is obligated to make a market for, or to repurchase, the ur notes at any price in any secondary market. Our business, hedging and uding trading in shares of the Basket Stocks), and any hedging and trading accounts, may affect the market value and return of the notes and may
§ None of Citigroup Inc., JPMorgan Chase & Co., or Morgan Stanley (to the notes, and neither we nor MLPF&S will perform any due diligence pathis offering.	collectively, the Underlying Companies) will have any obligations relating procedures with respect to the Underlying Companies in connection with
§ Changes in the prices of the Basket Stocks may offset each other.	
§ You will have no rights of a holder of the Basket Stocks, and you will other distributions by the Underlying Companies.	not be entitled to receive shares of the Basket Stocks or dividends or
§ While we, MLPF&S or our respective affiliates may from time to time respective affiliates do not control any of the Underlying Companies, and	
§ The Redemption Amount will not be adjusted for all corporate events Adjustments beginning on page PS-19 of product supplement STOCK A	s that could affect a Basket Stock. See Description of ARNs Anti-Dilution ARN-1.
§ There may be potential conflicts of interest involving the calculation a calculation agent.	agent, which is MLPF&S. We have the right to appoint and remove the
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Linked to a Basket of Three Financial Sector Stocks, due December , 2019

The U.S. federal income tax consequences of the notes are uncertain, and may be adverse to a holder of the notes. See Summary of U.S. Federal Income Tax Consequences below and U.S. Federal Income Tax Summary beginning on page PS-34 of product supplement STOCK ARN-1. For a discussion of the Canadian federal income tax consequences of investing in the notes, see Material Income Tax Consequences Canadian Taxation in the prospectus dated March 28, 2017, as supplemented by the discussion under Summary of Canadian Federal Income Tax Considerations herein.

Additional Risk Factors

The stocks included in the Basket are concentrated in one sector. All of the stocks included in the Basket are issued by companies in the financial sector. Although an investment in the notes will not give holders any ownership or other direct interests in the Basket Stocks, the return on an investment in the notes will be subject to certain risks associated with a direct equity investment in companies in the financial services sector. Accordingly, by investing in the notes, you will not benefit from the diversification which could result from an investment linked to companies that operate in multiple sectors.

Adverse conditions in the financial sector may reduce your return on the notes. All of the Basket Stocks are issued by companies whose primary lines of business are directly associated with the financial services sector. The profitability of these companies is largely dependent on the availability and cost of capital funds, and can fluctuate significantly, particularly when market interest rates change. Credit losses resulting from financial difficulties of these companies—customers can negatively impact the sector. In addition, adverse economic, business, or political developments affecting the U.S., including with respect to the insurance sector, or to real estate and loans secured by real estate, could have a major effect on the value of the Basket. As a result of these factors, the value of the notes may be subject to greater volatility and be more adversely affected by economic, political, or regulatory events relating to the financial services sector.

Economic conditions have adversely impacted the stock prices of many companies in the financial services sector, and may do so during the term of the notes. In recent years, economic conditions in the U.S. have resulted, and may continue to result, in significant losses among many companies that operate in the financial services sector. These conditions have also resulted, and may continue to result, in a high degree of volatility in the stock prices of financial institutions, and substantial fluctuations in the profitability of these companies. Numerous financial services companies have experienced substantial decreases in the value of their assets, taken action to raise capital (including the issuance of debt or equity securities), or even ceased operations. Further, companies in the financial services sector have been subject to unprecedented government actions and regulation, which may limit the scope of their operations and, in turn, result in a decrease in value of these companies. Any of these factors may have an adverse impact on the performance of the Basket. As a result, the value of the Basket may be adversely affected by economic, political, or regulatory events affecting the financial services sector or one of the sub-sectors of the financial services sector. This in turn could adversely impact the market value of the notes and decrease the Redemption Amount.

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Linked to a Basket of Three Financial Sector Stocks, due December , 2019

The Basket

The Basket is designed to allow investors to participate in the percentage changes of the Basket from the Starting Value to the Ending Value. The Basket Stocks are described in the section entitled. The Basket Stocks below. Each Basket Stock will be assigned an initial weight on the pricing date, as set forth in the table below.

For more information on the calculation of the value of the Basket, please see the section entitled Description of ARNs Basket Market Measures beginning on page PS-25 of product supplement STOCK ARN-1.

If September 28, 2018 were the pricing date, for each Basket Stock, the Initial Component Weight, the Closing Market Price, the hypothetical Component Ratio and the initial contribution to the Basket value would be as follows:

Basket Stock	Bloomberg Symbol	Initial Component Weight	Closing Market Price(1)(2)	Hypothetical Component Ratio(1)(3)	Initial Basket Value Contribution
Citigroup Inc.	С	33.33%	71.74	0.46459437	33.33
JPMorgan Chase & Co.	JPM	33.33%	112.84	0.29537398	33.33
Wells Fargo & Company	WFC	33.34%	52.56	0.63432268	33.34
				Starting Value	100.00

- (1) The actual Closing Market Price of each Basket Stock and the resulting actual Component Ratios will be determined on the pricing date and will be set forth in the final term sheet that will be made available in connection with sales of the notes.
- (2) These were the Closing Market Prices of the Basket Stocks on September 28, 2018.
- (3) Each hypothetical Component Ratio equals the Initial Component Weight of the relevant Basket Stock (as a percentage) multiplied by 100, and then divided by the Closing Market Price of that Basket Stock on September 28, 2018 and rounded to eight decimal places.

The calculation agent will calculate the Ending Value of the Basket by summing the products of the Closing Market Price for each Basket Stock (multiplied by its Price Multiplier) on the calculation day and the Component Ratio applicable to that Basket Stock. The Price Multiplier for each Basket Stock will initially be 1, and is subject to adjustment as described in product supplement STOCK ARN-1. If a Market Disruption Event occurs as to any Basket Stock on the scheduled calculation day, the Closing Market Price of that Basket Stock will be determined as more fully described in the section entitled Description of ARNs Basket Market Measures Ending Value of the Basket beginning on page PS-26 of product supplement STOCK ARN-1.

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Linked to a Basket of Three Financial Sector Stocks, due December, 2019

While actual historical information on the Basket will not exist before the pricing date, the following graph sets forth the hypothetical historical daily performance of the Basket from January 1, 2008 through September 28, 2018. The graph is based upon actual daily historical prices of the Basket Stocks, hypothetical Component Ratios based on the closing prices of the Basket Stocks as of December 31, 2007, and a Basket value of 100.00 as of that date. This hypothetical historical data on the Basket is not necessarily indicative of the future performance of the Basket or what the value of the notes may be. Any hypothetical historical upward or downward trend in the value of the Basket during any period set forth below is not an indication that the value of the Basket is more or less likely to increase or decrease at any time over the term of the notes.

Hypothetical Performance of the Basket

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The Basket Stocks

We have derived the following information from publicly available documents. We have not independently verified the accuracy or completeness of the following information.

Because each Basket Stock is registered under the Securities Exchange Act of 1934, each Underlying Company is required to file periodically certain financial and other information specified by the SEC. Information provided to or filed with the SEC by the Underlying Companies can be located at the Public Reference Section of the SEC, 100 F Street, N.E., Room 1580, Washington, D.C. 20549 or through the SEC s website at http://www.sec.gov by reference to the applicable CIK number set forth below.

This term sheet relates only to the notes and does not relate to any securities of the Underlying Companies. Neither we nor any of our affiliates have participated or will participate in the preparation of the Underlying Companies publicly available documents. Neither we nor any of our affiliates have made any due diligence inquiry with respect to the Underlying Companies in connection with the offering of the notes. None of us, MLPF&S or any of our affiliates makes any representation that the publicly available documents or any other publicly available information regarding the Underlying Companies are accurate or complete. Furthermore, there can be no assurance that all events occurring prior to the date of this term sheet, including events that would affect the accuracy or completeness of these publicly available documents that would affect the trading price of the Basket Stocks, have been or will be publicly disclosed. Subsequent disclosure of any events or the disclosure of or failure to disclose material future events concerning the Underlying Companies could affect the value of the Basket Stocks and therefore could affect your return on the notes. Information from outside sources is not incorporated by reference in, and should not be considered part of, this term sheet or any accompanying prospectus, prospectus supplement or product supplement. The selection of the Basket Stocks is not a recommendation to buy or sell shares of the Basket Stocks.

The tables set forth below show the quarterly high and low Closing Market Prices of the shares of the Basket Stocks on their primary exchange from the first quarter of 2008 through September 28, 2018. We obtained this historical data from Bloomberg L.P. We have not independently verified the accuracy or completeness of the information obtained from Bloomberg L.P. These historical trading prices may have been adjusted to reflect certain corporate actions such as stock splits and reverse stock splits.

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Linked to a Basket of Three Financial Sector Stocks, due December , 2019

Citigroup Inc.

Citigroup Inc. is a financial services holding company that provides a range of financial services to consumer and corporate customers around the world. The company s services include investment banking, retail brokerage, corporate banking, and cash management products and services. This Basket Stock trades on the New York Stock Exchange (the NYSE) under the symbol C. The company s CIK number is 831001.

2008	<u>High (\$)</u>	Low (\$)
First Quarter	296.90	186.20
Second Quarter	268.10	167.60
Third Quarter	211.20	140.30
Fourth Quarter	230.00	37.70
2009	=	
First Quarter	74.60	10.20
Second Quarter	40.20	26.80
Third Quarter	52.30	25.90
Fourth Quarter	50.00	32.00
2010		
First Quarter	43.10	31.50
Second Quarter	49.70	36.30
Third Quarter	43.00	36.60
Fourth Quarter	48.10	39.50
2011		
First Quarter	51.30	43.90
Second Quarter	46.00	36.81
Third Quarter	42.88	23.96
Fourth Quarter	34.17	23.11
2012		
First Quarter	38.08	28.17
Second Quarter	36.87	24.82
Third Quarter	34.79	25.24
Fourth Quarter	40.17	32.75
2013		
First Quarter	47.60	41.15
Second Quarter	53.27	42.50
Third Quarter	53.00	47.67
Fourth Quarter	53.29	47.67
2014		
First Quarter	55.20	46.34
Second Quarter	49.58	45.68
Third Quarter	53.66	46.90
Fourth Quarter	56.37	49.68
2015		
First Quarter	54.26	46.95
Second Quarter	57.39	51.52
Third Quarter	60.34	49.00
Fourth Quarter	55.87	49.88
2016		
First Quarter	51.13	34.98
Second Quarter	47.33	38.48
Third Quarter	47.90	40.78
Fourth Quarter	61.09	47.03
2017		

First Quarter Second Quarter	61.55 66.98	55.68 57.72
Third Quarter	72.74	65.95
Fourth Quarter	77.10	71.33
2018		
First Quarter	80.08	67.50
Second Quarter	72.86	65.46
Third Quarter (through September 28, 2018)	74.79	66.06

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JPMorgan Chase & Co.

JPMorgan Chase & Co. provides financial services and retail banking. The company provides services such as investment banking, treasury and securities services, asset management, private banking, card member services, commercial banking, and home finance. The company serves business enterprises, institutions, and individuals. This Basket Stock trades on the NYSE under the symbol JPM. The company s CIK number is 19617.

0000	High (\$)	Low (\$)
2008	48.25	36.48
First Quarter	48.25 49.25	34.31
Second Quarter		
Third Quarter	48.24	31.02
Fourth Quarter 2009	49.85	22.72
	21.25	15.90
First Quarter Second Quarter	31.35 38.94	27.25
Third Quarter	46.47	32.27
Fourth Quarter	46.47 47.16	40.27
2010	-	
First Quarter	45.02	37.70
Second Quarter	47.81	36.61
Third Quarter	41.64	35.63
Fourth Quarter 2011	42.67	36.96
First Quarter	48.00	43.40
Second Quarter	47.64	39.49
Third Quarter	42.29	29.27
Fourth Quarter	37.02	28.38
2012		
First Quarter	46.27	34.91
Second Quarter	46.13	31.00
Third Quarter	41.57	33.90
Fourth Quarter 2013	44.53	39.29
First Quarter	51.00	44.57
Second Quarter	55.62	46.64
Third Quarter	56.67	50.32
Fourth Quarter	58.48	50.75
2014	30.40	30.73
First Quarter	61.07	54.31
Second Quarter	60.67	53.31
Third Quarter	61.63	55.56
Fourth Quarter	63.15	55.08
2015	33.13	00.00
First Quarter	62.49	54.38
Second Quarter	69.75	59.95
Third Quarter	70.08	59.84
Fourth Quarter	68.46	59.99
2016		
First Quarter	63.73	53.07
Second Quarter	65.81	57.32
Third Quarter	67.50	59.55
Fourth Quarter	87.13	66.51

2017		
First Quarter	93.60	83.30
Second Quarter	91.40	82.15
Third Quarter	95.51	88.42
Fourth Quarter	107.83	95.86
2018		
First Quarter	118.77	107.01
Second Quarter	114.29	103.24
Third Quarter (through September 28, 2018)	118.63	103.61

Accelerated Return Notes®	TS-12

Linked to a Basket of Three Financial Sector Stocks, due December , 2019

Wells Fargo & Company

Wells Fargo & Company is a financial services company providing banking, insurance, investments, mortgage, leasing, credit cards, and consumer finance. The company operates through physical stores, the Internet and other distribution channels across North America and elsewhere internationally. This Basket Stock trades on the NYSE under the symbol WFC. The company s CIK number is 72971.

	<u> High (\$)</u>	<u>Low (\$)</u>
2008		
First Quarter	34.01	25.48
Second Quarter	31.49	23.75
Third Quarter	39.80	20.51
Fourth Quarter	36.70	21.76
2009		
First Quarter	30.00	8.12
Second Quarter	28.18	14.48
Third Quarter	29.41	22.87
Fourth Quarter	31.38	25.32
2010		
First Quarter	31.22	26.43
Second Quarter	33.88	25.60
Third Quarter	28.57	23.25
Fourth Quarter	31.31	23.59
2011		
First Quarter	34.10	31.20
Second Quarter	32.40	25.36
Third Quarter	29.38	22.88
Fourth Quarter	27.80	23.18
2012	0.4.47	00.40
First Quarter	34.47	28.43
Second Quarter	34.51	30.05
Third Quarter	36.13	32.85
Fourth Quarter	35.97	31.43
2013	00.00	04.00
First Quarter	38.20	34.66
Second Quarter	41.56	36.27
Third Quarter	44.63	41.08