

JPMORGAN CHASE & CO  
Form 424B2  
December 04, 2018

**The information in this preliminary pricing supplement is not complete and may be changed. This preliminary pricing supplement is not an offer to sell nor does it seek an offer to buy these securities in any jurisdiction where the offer or sale is not permitted.**

**Subject to completion dated December 4, 2018**

JPMorgan Chase Financial Company LLC December 2018  
Pricing Supplement

Registration Statement Nos. 333-222672 and 333-222672-01

Dated December , 2018

Filed pursuant to Rule 424(b)(2)

Structured Investments

Opportunities in International Equities

Buffered PLUS Based on the Value of the EURO STOXX 50<sup>®</sup> Index due December 24, 2020

**Buffered Performance Leveraged Upside Securities<sup>SM</sup>**

**Principal at Risk Securities**

**Fully and Unconditionally Guaranteed by JPMorgan Chase & Co.**

The Buffered PLUS will pay no interest and provide a minimum payment at maturity of only 30.00% of the stated principal amount. At maturity, if the underlying index has appreciated in value, investors will receive the stated principal amount of their investment plus leveraged upside performance of the underlying index, subject to a maximum payment at maturity. If the underlying index has declined in value but has not declined by more than the specified buffer amount, investors will receive the stated principal amount of their investment. However, if the underlying index has declined by more than the buffer amount, at maturity investors will lose 1% for every 1% decline beyond the specified buffer amount, subject to the minimum payment at maturity of 30.00% of the stated principal amount. **Investors may lose up to 70.00% of the stated principal amount of the Buffered PLUS at maturity.** The Buffered PLUS are for investors who seek an equity-based return and who are willing to risk their principal and forgo current income and upside above the maximum payment at maturity in exchange for the leverage and buffer features that in each case apply to a limited range of performance of the underlying index. At maturity, an investor will receive an amount in cash that may be greater than, equal to, or less than the stated principal amount based upon the closing level of the underlying index on the valuation date. The Buffered PLUS are unsecured and unsubordinated obligations of JPMorgan Chase Financial Company LLC, which we refer to as JPMorgan Financial,

the payment on which is fully and unconditionally guaranteed by JPMorgan Chase & Co., issued as part of JPMorgan Financial's Medium-Term Notes, Series A, program. **Any payment on the Buffered PLUS is subject to the credit risk of JPMorgan Financial, as issuer of the Buffered PLUS, and the credit risk of JPMorgan Chase & Co., as guarantor of the Buffered PLUS.**

## SUMMARY TERMS

<b>Issuer:</b>	JPMorgan Chase Financial Company LLC, an indirect, wholly owned finance subsidiary of JPMorgan Chase & Co.
<b>Guarantor:</b>	JPMorgan Chase & Co.
<b>Underlying index:</b>	EURO STOXX 50 <sup>®</sup> Index
<b>Aggregate principal amount:</b>	\$
<b>Payment at maturity:</b>	<p>If the final index value is <i>greater than</i> the initial index value, for each \$10 stated principal amount Buffered PLUS, \$10 + leveraged upside payment</p> <p><i>In no event will the payment at maturity exceed the maximum payment at maturity.</i></p> <p>If the final index value is <i>equal to</i> the initial index value or is <i>less than</i> the initial index value but has decreased from the initial index value by an amount <i>less than or equal to</i> the buffer amount of 30.00%, for each \$10 stated principal amount Buffered PLUS, \$10</p> <p>If the final index value is <i>less than</i> the initial index value and has decreased from the initial index value by an amount <i>greater than</i> the buffer amount of 30.00%, for each \$10 stated principal amount Buffered PLUS, <math>(\\$10 \times \text{index performance factor}) + \\$3.00</math></p> <p><i>This amount will be less than the stated principal amount of \$10 per Buffered PLUS. However, subject to the credit risks of JPMorgan Financial and JPMorgan Chase &amp; Co., under no circumstances will the Buffered PLUS pay less than \$3.00 per Buffered PLUS at maturity.</i></p>
<b>Leveraged upside payment:</b>	$\$10 \times \text{leverage factor} \times \text{index percent increase}$
<b>Index percent increase:</b>	$(\text{final index value} - \text{initial index value}) / \text{initial index value}$
<b>Leverage factor:</b>	200%
<b>Buffer amount:</b>	30.00%
<b>Index performance factor:</b>	final index value / initial index value
<b>Maximum payment at maturity:</b>	At least \$12.025 (at least 120.25% of the stated principal amount) per Buffered PLUS. The actual maximum payment at maturity will be provided in the pricing supplement and will not be less than \$12.025 per Buffered PLUS.
<b>Minimum payment at maturity:</b>	\$3.00 per Buffered PLUS (30.00% of the stated principal amount)
<b>Stated principal amount:</b>	\$10 per Buffered PLUS
<b>Issue price:</b>	\$10 per Buffered PLUS (see "Commissions and issue price" below)
<b>Pricing date:</b>	December , 2018 (expected to price on or about December 21, 2018)
<b>Original issue date (settlement date):</b>	December , 2018 (4 business days after the pricing date)
<b>Valuation date:</b>	December 21, 2020, subject to postponement in the event of certain market disruption events and as described under

“General Terms of Notes — Postponement of a Determination Date — Notes Linked to a Single Underlying — Notes Linked to a Single Underlying (Other Than a Commodity Index)” in the accompanying product supplement

December 24, 2020, subject to postponement in the event of certain market disruption events and as described under

**Maturity date:**

“General Terms of Notes — Postponement of a Payment Date” in the accompanying product supplement

**Agent:**

J.P. Morgan Securities LLC (“JPMS”)

*Terms continued on the following page*

**Commissions and issue price:**

**Per Buffered PLUS**

**Price to public<sup>(1)</sup> Fees and commissions Proceeds to issuer**

\$10.00 \$0.20<sup>(2)</sup> \$9.75

\$0.05<sup>(3)</sup>

**Total**

\$ \$ \$

(1) See “Additional Information about the Buffered PLUS — Supplemental use of proceeds and hedging” in this document for information about the components of the price to public of the Buffered PLUS.

(2) JPMS, acting as agent for JPMorgan Financial, will pay all of the selling commissions it receives from us to Morgan Stanley Smith Barney LLC (“Morgan Stanley Wealth Management”). In no event will these selling commissions exceed \$0.20 per \$10 stated principal amount Buffered PLUS. See “Plan of Distribution (Conflicts of Interest)” in the accompanying product supplement.

(3) Reflects a structuring fee payable to Morgan Stanley Wealth Management by the agent or its affiliates of \$0.05 for each \$10 stated principal amount Buffered PLUS.

**If the Buffered PLUS priced today and assuming a maximum payment at maturity equal to the minimum listed above, the estimated value of the Buffered PLUS would be approximately \$9.782 per \$10 stated principal amount Buffered PLUS. The estimated value of the Buffered PLUS on the pricing date will be provided in the pricing supplement and will not be less than \$9.60 per \$10 stated principal amount Buffered PLUS. See “Additional Information about the Buffered PLUS — The estimated value of the Buffered PLUS” in this document for additional information.**

**Investing in the Buffered PLUS involves a number of risks. See “Risk Factors” beginning on page PS-10 of the accompanying product supplement, “Risk Factors” beginning on page US-1 of the accompanying underlying supplement and “Risk Factors” beginning on page 6 of this document.**

Neither the Securities and Exchange Commission (the “SEC”) nor any state securities commission has approved or disapproved of the Buffered PLUS or passed upon the accuracy or the adequacy of this document or the accompanying product supplement, underlying supplement, prospectus supplement and prospectus. Any representation to the contrary is a criminal offense.

*The Buffered PLUS are not bank deposits, are not insured by the Federal Deposit Insurance Corporation or any other governmental agency and are not obligations of, or guaranteed by, a bank.*

**You should read this document together with the related product supplement, underlying supplement, prospectus supplement and prospectus, each of which can be accessed via the hyperlinks below. Please also see “Additional Information about the Buffered PLUS” at the end of this document.**

Product supplement no. MS-1-I dated April 5, 2018:

[http://www.sec.gov/Archives/edgar/data/19617/000095010318004523/dp87526\\_424b2-ms1i.pdf](http://www.sec.gov/Archives/edgar/data/19617/000095010318004523/dp87526_424b2-ms1i.pdf)

Underlying supplement no. 1-I dated April 5, 2018:

[http://www.sec.gov/Archives/edgar/data/19617/000095010318004514/crt\\_dp87766-424b2.pdf](http://www.sec.gov/Archives/edgar/data/19617/000095010318004514/crt_dp87766-424b2.pdf)

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Prospectus supplement and prospectus, each dated April 5, 2018:

[http://www.sec.gov/Archives/edgar/data/19617/000095010318004508/dp87767\\_424b2-ps.pdf](http://www.sec.gov/Archives/edgar/data/19617/000095010318004508/dp87767_424b2-ps.pdf)

JPMorgan Chase Financial Company LLC

Buffered PLUS Based on the Value of the EURO STOXX 50<sup>®</sup> Index due January 5, 2021

Buffered Performance Leveraged Upside Securities<sup>SM</sup>

Principal at Risk Securities

*Terms continued from previous page:*

**Initial index value:** The closing level of the underlying index on the pricing date

**Final index value:** The closing level of the underlying index on the valuation date

**CUSIP / ISIN:** 48130V160 / US48130V1605

**Listing:** The Buffered PLUS will not be listed on any securities exchange.

JPMorgan Chase Financial Company LLC

Buffered PLUS Based on the Value of the EURO STOXX 50<sup>®</sup> Index due December 24, 2020

**Buffered Performance Leveraged Upside Securities<sup>SM</sup>**

**Principal at Risk Securities**

Investment Summary

Buffered Performance Leveraged Upside Securities

**Principal at Risk Securities**

The Buffered PLUS Based on the Value of the EURO STOXX 50<sup>®</sup> Index due December 24, 2020 (the “Buffered PLUS”) can be used:

As an alternative to direct exposure to the underlying index that enhances returns for a certain range of potential positive performance of the underlying index.

To potentially achieve similar levels of upside exposure to the underlying index as a direct investment, subject to the maximum payment at maturity, while using fewer dollars by taking advantage of the leverage factor.

To obtain a buffer against a specified level of negative performance in the underlying index.

Maturity:	Approximately 2 years
Leverage factor:	200%
Buffer amount:	30.00%
Maximum payment at maturity:	At least \$12.025 (at least 120.25% of the stated principal amount) per Buffered PLUS (to be provided in the pricing supplement)
Minimum payment at maturity:	\$3.00 per Buffered PLUS. Investors may lose up to 70.00% of the stated principal amount of the Buffered PLUS at maturity.
Supplemental Terms of the Buffered PLUS	

For purposes of the accompanying product supplement, the underlying index is an “Index.”

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JPMorgan Chase Financial Company LLC

Buffered PLUS Based on the Value of the EURO STOXX 50® Index due December 24, 2020

**Buffered Performance Leveraged Upside Securities<sup>SM</sup>**

**Principal at Risk Securities**

Key Investment Rationale

Buffered PLUS offer leveraged exposure to an underlying asset, which may be equities, commodities and/or currencies, while providing limited protection against negative performance of the underlying asset. If the underlying asset has decreased in value by more than the specified buffer amount, investors are exposed to the negative performance of the underlying asset, subject to the minimum payment at maturity. At maturity, if the underlying asset has appreciated, investors will receive the stated principal amount of their investment plus leveraged upside performance of the underlying asset, subject to the maximum payment at maturity. At maturity, if the asset has depreciated and (i) if the underlying asset has not depreciated by more than the specified buffer amount, investors will receive the stated principal amount of their investment, or (ii) if the underlying asset has depreciated by more than the buffer amount, the investor will lose 1% for every 1% decline beyond the specified buffer amount. **Investors may lose up to 70.00% of the stated principal amount of the Buffered PLUS at maturity.**

<b>Leveraged Performance</b>	The Buffered PLUS offer investors an opportunity to capture enhanced returns for a certain range of positive performance relative to a direct investment in the underlying index.
<b>Upside Scenario</b>	The underlying index increases in value and, at maturity, the Buffered PLUS pay the stated principal amount of \$10 <i>plus</i> a return equal to 200% of the index percent increase, subject to the maximum payment at maturity of at least \$12.025 (at least 120.25% of the stated principal amount) per Buffered PLUS. The actual maximum payment at maturity will be provided in the pricing supplement.
<b>Par Scenario</b>	The final index value is equal to the initial index value or declines in value by no more than 30.00% and, at maturity, the Buffered PLUS pay the stated principal amount of \$10 per Buffered PLUS.
<b>Downside Scenario</b>	The underlying index declines in value by more than 30.00% and, at maturity, the Buffered PLUS pay an amount that is less than the stated principal amount by an amount that is proportionate to the percentage decline of the final index value from the initial index value, <i>plus</i> the buffer amount of 30.00%. (Example: if the underlying index decreases in value by 40%, the Buffered PLUS will pay an amount that is less than the stated principal amount by 40% <i>plus</i> the buffer amount of 30.00%, or \$9.00 per Buffered PLUS.) The minimum payment at maturity is \$3.00 per Buffered PLUS, subject to the credit risks of JPMorgan Financial and JPMorgan Chase & Co.

JPMorgan Chase Financial Company LLC

Buffered PLUS Based on the Value of the EURO STOXX 50® Index due December 24, 2020

**Buffered Performance Leveraged Upside Securities<sup>SM</sup>**

**Principal at Risk Securities**

How the Buffered PLUS Work

Payoff Diagram

The payoff diagram below illustrates the payment at maturity on the Buffered PLUS based on the following terms:

Stated principal amount:	\$10 per Buffered PLUS
Leverage factor:	200%
Hypothetical maximum payment at maturity:	\$12.025 (120.25% of the stated principal amount) per Buffered PLUS (which represents the lowest hypothetical maximum payment at maturity)*
Minimum payment at maturity:	\$3.00 per Buffered PLUS

\* The actual maximum payment at maturity will be provided in the pricing supplement and will not be less than \$12.025 per Buffered PLUS.

**Buffered PLUS Payoff Diagram**

How it works

**Upside Scenario.** If the final index value is greater than the initial index value, for each \$10 principal amount Buffered PLUS investors will receive the \$10 stated principal amount *plus* a return equal to 200% of the appreciation of the underlying index over the term of the Buffered PLUS, subject to the maximum payment at maturity. Under the hypothetical terms of the Buffered PLUS, an investor will realize the hypothetical maximum payment at maturity at a final index value of 110.125% of the initial index value.

**Par Scenario.** If the final index value is equal to the initial index value or is less than the initial index value but has decreased from the initial index value by an amount less than or equal to the buffer amount of 30.00%, investors will receive the stated principal amount of \$10 per Buffered PLUS.

**Downside Scenario.** If the final index value is less than the initial index value and has decreased from the initial index value by an amount greater than the buffer amount of 30.00%, investors will receive an amount that is less than the stated principal amount by an amount proportionate to the percentage decrease of the final index value from the initial index value, plus the buffer amount of 30.00%. The minimum payment at maturity is \$3.00 per Buffered PLUS. For example, if the underlying index depreciates 50.00%, investors will lose 20.00% of their principal and receive only \$8.00 per Buffered PLUS at maturity, or 80.00% of the stated principal amount.





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Buffered PLUS Based on the Value of the EURO STOXX 50® Index due December 24, 2020

### **Buffered Performance Leveraged Upside Securities<sup>SM</sup>**

#### **Principal at Risk Securities**

The hypothetical returns and hypothetical payments on the Buffered PLUS shown above apply **only if you hold the Buffered PLUS for their entire term**. These hypotheticals do not reflect fees or expenses that would be associated with any sale in the secondary market. If these fees and expenses were included, the hypothetical returns and hypothetical payments shown above would likely be lower.

#### **Risk Factors**

*The following is a non-exhaustive list of certain key risk factors for investors in the Buffered PLUS. For further discussion of these and other risks, you should read the sections entitled "Risk Factors" of the accompanying product supplement and the accompanying underlying supplement. We urge you to consult your investment, legal, tax, accounting and other advisers in connection with your investment in the Buffered PLUS.*

**Buffered PLUS do not pay interest and you could lose up to 70.00% of your principal at maturity.** The terms of the Buffered PLUS differ from those of ordinary debt securities in that the Buffered PLUS do not pay interest and provide a minimum payment at maturity of only 30.00% of your principal, subject to the credit risks of JPMorgan Financial and JPMorgan Chase & Co. If the final index value has declined by an amount greater than the buffer amount of 30.00% from the initial index value, you will receive for each Buffered PLUS that you hold a payment at maturity that is less than the stated principal amount of each Buffered PLUS by an amount proportionate to the decline in the value of the underlying index, plus \$3.00 per Buffered PLUS. Accordingly, you could lose up to 70.00% of your principal.

**The appreciation potential of the Buffered PLUS is limited by the maximum payment at maturity.** The appreciation potential of the Buffered PLUS is limited by the maximum payment at maturity of at least \$12.025 (at least 120.25% of the stated principal amount) per Buffered PLUS. The actual maximum payment at maturity will be provided in the pricing supplement. Because the maximum payment at maturity will be limited to at least 120.25% of the stated principal amount for the Buffered PLUS, any increase in the final index value by more than 10.125% (if the maximum payment at maturity is set at 120.25% of the stated principal amount) will not further increase the return on the Buffered PLUS.

**The Buffered PLUS are subject to the credit risks of JPMorgan Financial and JPMorgan Chase & Co., and any actual or anticipated changes to our or JPMorgan Chase & Co.'s credit ratings or credit spreads may adversely affect the market value of the Buffered PLUS.** Investors are dependent on our and JPMorgan Chase & Co.'s ability to pay all amounts due on the Buffered PLUS. Any actual or anticipated decline in our or JPMorgan Chase & Co.'s credit ratings or increase in our or JPMorgan Chase & Co.'s credit spreads determined by the market for taking that credit risk is likely to adversely affect the market value of the Buffered PLUS. If we and JPMorgan Chase & Co. were to default on our payment obligations, you may not receive any amounts owed to you under the Buffered

PLUS and you could lose your entire investment.

**As a finance subsidiary, JPMorgan Financial has no independent operations and has limited assets.** As a finance subsidiary of JPMorgan Chase & Co., we have no independent operations beyond the issuance and administration of our securities. Aside from the initial capital contribution from JPMorgan Chase & Co., substantially all of our assets relate to obligations of our affiliates to make payments under loans made by us or other intercompany agreements. As a result, we are dependent upon payments from our affiliates to meet our obligations under the Buffered PLUS. If these affiliates do not make payments to us and we fail to make payments on the Buffered PLUS, you may have to seek payment under the related guarantee by JPMorgan Chase & Co., and that guarantee will rank *pari passu* with all other unsecured and unsubordinated obligations of JPMorgan Chase & Co.

**Economic interests of the issuer, the guarantor, the calculation agent, the agent of the offering of the Buffered PLUS and other affiliates of the issuer may be different from those of investors.** We and our affiliates play a variety of roles in connection with the issuance of the Buffered PLUS, including acting as calculation agent and as an agent of the offering of the Buffered PLUS, hedging our obligations under the Buffered PLUS and making the assumptions used to determine the pricing of the Buffered PLUS and the estimated value of the Buffered PLUS, which we refer to as the estimated value of the Buffered PLUS. In performing these duties, our and JPMorgan Chase & Co.'s economic interests and the economic interests of the calculation agent and other affiliates of ours are potentially adverse to your interests as an investor in the Buffered PLUS. The calculation agent will determine the initial index value and the final index value and will calculate the amount of payment you will receive at maturity. Determinations made by the calculation agent, including with respect to the occurrence or non-occurrence of market disruption

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events, the selection of a successor to the underlying index or calculation of the final index value in the event of a discontinuation or material change in method of calculation of the underlying index, may affect the payment to you at maturity.

In addition, our and JPMorgan Chase & Co.'s business activities, including hedging and trading activities, could cause our and JPMorgan Chase & Co.'s economic interests to be adverse to yours and could adversely affect any payment on the Buffered PLUS and the value of the Buffered PLUS. It is possible that hedging or trading activities of ours or our affiliates in connection with the Buffered PLUS could result in substantial returns for us or our affiliates while the value of the Buffered PLUS declines. Please refer to "Risk Factors — Risks Relating to Conflicts of Interest" in the accompanying product supplement for additional information about these risks.

**The estimated value of the Buffered PLUS will be lower than the original issue price (price to public) of the Buffered PLUS.** The estimated value of the Buffered PLUS is only an estimate determined by reference to several factors. The original issue price of the Buffered PLUS will exceed the estimated value of the Buffered PLUS because costs associated with selling, structuring and hedging the Buffered PLUS are included in the original issue price of the Buffered PLUS. These costs include the selling commissions, the structuring fee, the projected profits, if any, that our affiliates expect to realize for assuming risks inherent in hedging our obligations under the Buffered PLUS and the estimated cost of hedging our obligations under the Buffered PLUS. See "Additional Information about the Buffered PLUS — The estimated value of the Buffered PLUS" in this document.

**The estimated value of the Buffered PLUS does not represent future values of the Buffered PLUS and may differ from others' estimates. The estimated value of the Buffered PLUS is determined by reference to internal pricing models of our affiliates.** This estimated value of the Buffered PLUS is based on market conditions and other relevant factors existing at the time of pricing and 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 Buffered PLUS that are greater than or less than the estimated value of the Buffered PLUS. 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 value of the Buffered PLUS could change significantly based on, among other things, changes in market conditions, our or JPMorgan Chase & Co.'s creditworthiness, interest rate movements and other relevant factors, which may impact the price, if any, at which JPMS would be willing to buy the Buffered PLUS from you in secondary market transactions. See "Additional Information about the Buffered PLUS — The estimated value of the Buffered PLUS" in this document.

**The estimated value of the Buffered PLUS is derived by reference to an internal funding rate.** The internal funding rate used in the determination of the estimated value of the Buffered PLUS is based on, among other things, our and our affiliates' view of the funding value of the Buffered PLUS as well as the higher issuance, operational and ongoing liability management costs of the Buffered PLUS in comparison to those costs for the conventional fixed-rate

debt of JPMorgan Chase & Co. The use of an internal funding rate and any potential changes to that rate may have an adverse effect on the terms of the Buffered PLUS and any secondary market prices of the Buffered PLUS. See “Additional Information about the Buffered PLUS — The estimated value of the Buffered PLUS” in this document.

**The value of the Buffered PLUS as published by JPMS (and which may be reflected on customer account statements) may be higher than the then-current estimated value of the Buffered PLUS for a limited time period.** We generally expect that some of the costs included in the original issue price of the Buffered PLUS will be partially paid back to you in connection with any repurchases of your Buffered PLUS by JPMS in an amount that will decline to zero over an initial predetermined period. These costs can include selling commissions, the structuring fee, projected hedging profits, if any, and, in some circumstances, estimated hedging costs and our internal secondary market funding rates for structured debt issuances. See “Additional Information about the Buffered PLUS — Secondary market prices of the Buffered PLUS” in this document for additional information relating to this initial period. Accordingly, the estimated value of your Buffered PLUS during this initial period may be lower than the value of the Buffered PLUS as published by JPMS (and which may be shown on your customer account statements).

**Secondary market prices of the Buffered PLUS will likely be lower than the original issue price of the Buffered PLUS.** Any secondary market prices of the Buffered PLUS will likely be lower than the original issue price of the Buffered PLUS because, among other things, secondary market prices take into

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### **Buffered Performance Leveraged Upside Securities<sup>SM</sup>**

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account our internal secondary market funding rates for structured debt issuances and, also, because secondary market prices (a) exclude selling commissions and the structuring fee and (b) may exclude projected hedging profits, if any, and estimated hedging costs that are included in the original issue price of the Buffered PLUS. As a result, the price, if any, at which JPMS will be willing to buy Buffered PLUS from you in secondary market transactions, if at all, is likely to be lower than the original issue price. Any sale by you prior to the maturity date could result in a substantial loss to you. See the immediately following risk factor for information about additional factors that will impact any secondary market prices of the Buffered PLUS.

The Buffered PLUS are not designed to be short-term trading instruments. Accordingly, you should be able and willing to hold your Buffered PLUS to maturity. See “— Secondary trading may be limited” below.

**Secondary market prices of the Buffered PLUS will be impacted by many economic and market factors.** The secondary market price of the Buffered PLUS during their term will be impacted by a number of economic and market factors, which may either offset or magnify each other, aside from the selling commissions, structuring fee, projected hedging profits, if any, estimated hedging costs and the closing level of the underlying index, including:

- o any actual or potential change in our or JPMorgan Chase & Co.’s creditworthiness or credit spreads;
- o customary bid-ask spreads for similarly sized trades;
- o our internal secondary market funding rates for structured debt issuances;
- o the actual and expected volatility of the underlying index;
- o the time to maturity of the Buffered PLUS;
- o the dividend rates on the equity securities included in the underlying index;
- o interest and yield rates in the market generally;
- o the exchange rates and the volatility of the exchange rates between the U.S. dollar and each of the currencies in which the equity securities included in the underlying index trade and the correlation among those rates and the levels of the underlying index; and
- o a variety of other economic, financial, political, regulatory and judicial events.

Additionally, independent pricing vendors and/or third party broker-dealers may publish a price for the Buffered PLUS, which may also be reflected on customer account statements. This price may be different (higher or lower) than the price of the Buffered PLUS, if any, at which JPMS may be willing to purchase your Buffered PLUS in the secondary market.

**Investing in the Buffered PLUS is not equivalent to investing in the underlying index.** Investing in the Buffered PLUS is not equivalent to investing in the underlying index or its component stocks. Investors in the Buffered PLUS will not have voting rights or rights to receive dividends or other distributions or any other rights with respect to stocks that constitute the underlying index.

**Adjustments to the underlying index could adversely affect the value of the Buffered PLUS.** The underlying index publisher may discontinue or suspend calculation or publication of the underlying index at any time. In these circumstances, the calculation agent will have the sole discretion to substitute a successor index that is comparable to the discontinued underlying index and is not precluded from considering indices that are calculated and published by the calculation agent or any of its affiliates.

**The Buffered PLUS are subject to risks associated with securities issued by non-U.S. companies.** The equity securities included in the underlying index have been issued by non-U.S. companies. Investments in securities linked to the value of such non-U.S. equity securities involve risks associated with the securities markets in the home countries of the issuers of those non-U.S. equity securities, 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 there is about U.S. companies that are subject to the reporting requirements of the SEC, and generally non-U.S. companies are subject to accounting, auditing

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#### **Principal at Risk Securities**

and financial reporting standards and requirements and securities trading rules different from those applicable to U.S. reporting companies.

**The Buffered PLUS are not directly exposed to fluctuations in foreign exchange rates.** The value of your Buffered PLUS will not be adjusted for exchange rate fluctuations between the U.S. dollar and the currencies upon which the equity securities included in the underlying index are based, although any currency fluctuations could affect the performance of the underlying index. Therefore, if the applicable currencies appreciate or depreciate relative to the U.S. dollar over the term of the Buffered PLUS, you will not receive any additional payment or incur any reduction in any payment on the Buffered PLUS.

**Hedging and trading activities by the issuer and its affiliates could potentially affect the value of the Buffered PLUS.** The hedging or trading activities of the issuer's affiliates and of any other hedging counterparty with respect to the Buffered PLUS on or prior to the pricing date and prior to maturity could adversely affect the value of the underlying index and, as a result, could decrease the amount an investor may receive on the Buffered PLUS at maturity. Any of these hedging or trading activities on or prior to the pricing date could potentially affect the initial index value and, therefore, could potentially increase the level that the final index value must reach before you receive a payment at maturity that exceeds the issue price of the Buffered PLUS or so that you do not suffer a loss on your initial investment in the Buffered PLUS. Additionally, these hedging or trading activities during the term of the Buffered PLUS, including on the valuation date, could adversely affect the final index value and, accordingly, the amount of cash an investor will receive at maturity. It is possible that these hedging or trading activities could result in substantial returns for us or our affiliates while the value of the Buffered PLUS declines.

**Secondary trading may be limited.** The Buffered PLUS will not be listed on a securities exchange. There may be little or no secondary market for the Buffered PLUS. Even if there is a secondary market, it may not provide enough liquidity to allow you to trade or sell the Buffered PLUS easily. JPMS may act as a market maker for the Buffered PLUS, but is not required to do so. Because we do not expect that other market makers will participate significantly in the secondary market for the Buffered PLUS, the price at which you may be able to trade your Buffered PLUS is likely to depend on the price, if any, at which JPMS is willing to buy the Buffered PLUS. If at any time JPMS or another agent does not act as a market maker, it is likely that there would be little or no secondary market for the Buffered PLUS.

**The final terms and valuation of the Buffered PLUS will be provided in the pricing supplement.** The final terms of the Buffered PLUS will be provided in the pricing supplement. In particular, each of the estimated value of the Buffered PLUS and the maximum payment at maturity will be provided in the pricing supplement and each may be as low as the applicable minimum set forth on the cover of this document. Accordingly, you should consider your potential investment in the Buffered PLUS based on the minimums for the estimated value of the Buffered PLUS and the maximum payment at maturity.



**The tax consequences of an investment in the Buffered PLUS are uncertain.** There is no direct legal authority as to the proper U.S. federal income tax characterization of the Buffered PLUS, and we do not intend to request a ruling from the IRS. The IRS might not accept, and a court might not uphold, the treatment of the Buffered PLUS described in “Additional Information about the Buffered PLUS Additional Provisions Tax considerations” in this document and in “Material U.S. Federal Income Tax Consequences” in the accompanying product supplement. If the IRS were successful in asserting an alternative treatment for the Buffered PLUS, the timing and character of any income or loss on the Buffered PLUS could differ materially and adversely from our description herein. In addition, in 2007 Treasury and the IRS released a notice requesting comments on the U.S. federal income tax treatment of “prepaid forward contracts” and similar instruments. The notice focuses in particular on whether to require investors in these instruments to accrue income over the term of their investment. It also asks for comments on a number of related topics, including the character of income or loss with respect to these instruments; the relevance of factors such as the nature of the underlying property to which the instruments are linked; the degree, if any, to which income (including any mandated accruals) realized by non-U.S. investors should be subject to withholding tax; and whether these instruments are or should be subject to the “constructive ownership” regime, which very generally can operate to recharacterize certain long-term capital gain as ordinary income and impose a notional interest charge. While the notice requests comments on appropriate transition rules and effective dates, any Treasury regulations or other guidance promulgated after consideration of these issues could materially and adversely affect the tax consequences of an

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**Principal at Risk Securities**

investment in the Buffered PLUS, possibly with retroactive effect. You should review carefully the section entitled “Material U.S. Federal Income Tax Consequences” in the accompanying product supplement and consult your tax adviser regarding the U.S. federal income tax consequences of an investment in the Buffered PLUS, including possible alternative treatments and the issues presented by this notice.

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#### EURO STOXX 50<sup>®</sup> Index Overview

The EURO STOXX 50<sup>®</sup> Index consists of 50 component stocks of market sector leaders from within the Eurozone. For additional information about the EURO STOXX 50<sup>®</sup> Index, see the information set forth under “Equity Index Descriptions – The EURO STOXX 50<sup>®</sup> Index” in the accompanying underlying supplement.

Information as of market close on December 3, 2018:

Bloomberg Ticker Symbol: SX5E  
 Current Closing Level: 3,214.99  
 52 Weeks Ago (on 12/4/2017): 3,576.22  
 52 Week High (on 1/23/2018): 3,672.29  
 52 Week Low (on 11/20/2018): 3,116.07

The following table sets forth the published high and low closing levels, as well as end-of-quarter closing levels, of the underlying index for each quarter in the period from January 1, 2013 through December 3, 2018. The graph following the table sets forth the daily closing levels of the underlying index during the same period. The closing level of the underlying index on December 3, 2018 was 3,214.99. We obtained the closing level information above and in the table and graph below from the Bloomberg Professional<sup>®</sup> service (“Bloomberg”), without independent verification. The historical levels of the underlying index should not be taken as an indication of future performance, and no assurance can be given as to the closing level of the underlying index on the valuation date. The payment of dividends on the stocks that constitute the underlying index are not reflected in its closing level and, therefore, have no effect on the calculation of the payment at maturity.

EURO STOXX 50 <sup>®</sup> Index	High	Low	Period End
<b>2013</b>			
First Quarter	2,749.27	2,570.52	2,624.02
Second Quarter	2,835.87	2,511.83	2,602.59
Third Quarter	2,936.20	2,570.76	2,893.15
Fourth Quarter	3,111.37	2,902.12	3,109.00
<b>2014</b>			
First Quarter	3,172.43	2,962.49	3,161.60
Second Quarter	3,314.80	3,091.52	3,228.24
Third Quarter	3,289.75	3,006.83	3,225.93
Fourth Quarter	3,277.38	2,874.65	3,146.43
<b>2015</b>			

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First Quarter	3,731.35	3,007.91	3,697.38
Second Quarter	3,828.78	3,424.30	3,424.30
Third Quarter	3,686.58	3,019.34	3,100.67
Fourth Quarter	3,506.45	3,069.05	3,267.52

**2016**

First Quarter	3,178.01	2,680.35	3,004.93
Second Quarter	3,151.69	2,697.44	2,864.74
Third Quarter	3,091.66	2,761.37	3,002.24
Fourth Quarter	3,290.52	2,954.53	3,290.52

**2017**

First Quarter	3,500.93	3,230.68	3,500.93
Second Quarter	3,658.79	3,409.78	3,441.88
Third Quarter	3,594.85	3,388.22	3,594.85
Fourth Quarter	3,697.40	3,503.96	3,503.96

**2018**

First Quarter	3,672.29	3,278.72	3,361.50
Second Quarter	3,592.18	3,340.35	3,395.60
Third Quarter	3,527.18	3,293.36	3,399.20
Fourth Quarter (through December 3, 2018)	3,414.16	3,116.07	3,214.99

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EURO STOXX 50<sup>®</sup> Index Historical Performance – Daily Closing Levels

January 2, 2013 to December 3, 2018

**License Agreement.** The EURO STOXX 50<sup>®</sup> Index and STOXX<sup>®</sup> are the intellectual property (including registered trademarks) of STOXX Limited, Zurich, Switzerland and/or its licensors (the “Licensors”), which are used under license. The Buffered PLUS based on the EURO STOXX 50<sup>®</sup> Index are in no way sponsored, endorsed, sold or promoted by STOXX Limited and its Licensors and neither Stoxx Limited nor any of its Licensors shall have any liability with respect thereto. See “Equity Index Descriptions — The EURO STOXX<sup>®</sup> 50 Index — License Agreement” in the accompanying underlying supplement.

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### **Buffered Performance Leveraged Upside Securities<sup>SM</sup>**

#### **Principal at Risk Securities**

Additional Information about the Buffered PLUS

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

Additional Provisions:

**Postponement of maturity date:** If the scheduled maturity date is not a business day, then the maturity date will be the following business day. If the scheduled valuation date is not a trading day or if a market disruption event occurs on that day so that the valuation date is postponed and falls less than three business days prior to the scheduled maturity date, the maturity date of the Buffered PLUS will be postponed to the third business day following the valuation date as postponed.

**Minimum ticketing size:** \$1,000 / 100 Buffered PLUS

**Trustee:** Deutsche Bank Trust Company Americas (formerly Bankers Trust Company)

**Calculation agent:** JPMS

**The estimated value of the Buffered PLUS:** The estimated value of the Buffered PLUS set forth on the cover of this document is equal to the sum of the values of the following hypothetical components: (1) a fixed-income debt component with the same maturity as the Buffered PLUS, valued using the internal funding rate described below, and (2) the derivative or derivatives underlying the economic terms of the Buffered PLUS. The estimated value of the Buffered PLUS does not represent a minimum price at which JPMS would be willing to buy your Buffered PLUS in any secondary market (if any exists) at any time. The internal funding rate used in the determination of the estimated value of the Buffered PLUS is based on, among other things, our and our affiliates' view of the funding value of the Buffered PLUS as well as the higher issuance, operational and ongoing liability management costs of the Buffered PLUS in comparison to those costs for the conventional fixed-rate debt of JPMorgan Chase & Co. For additional information, see "Risk Factors — The estimated value of the Buffered PLUS is derived by reference to an internal funding rate" in this document. The value of the derivative or derivatives underlying the economic terms of the Buffered PLUS is derived from internal pricing models of our affiliates. These models are dependent on inputs such as the traded market prices of comparable derivative instruments and on various other inputs, some of which are market-observable, and which can include volatility, dividend rates, interest rates and other factors, as well as assumptions about future market events and/or environments. Accordingly, the estimated value of the Buffered PLUS on the pricing date is based on market conditions and other relevant factors and assumptions existing at that time. See "Risk Factors — The estimated value of the Buffered PLUS does not represent future values of the Buffered PLUS and may differ from others' estimates" in this document.

The estimated value of the Buffered PLUS will be lower than the original issue price of the Buffered PLUS because costs associated with selling, structuring and hedging the Buffered PLUS are included in the original issue price of the Buffered PLUS. These costs include the selling commissions paid to JPMS and other affiliated or unaffiliated dealers, the structuring fee, the projected profits, if any, that our affiliates expect to realize for assuming risks inherent in hedging our obligations under the Buffered PLUS and the estimated cost of hedging our obligations under the Buffered PLUS. Because hedging our obligations entails risk and may be influenced by market forces beyond our control, this hedging may result in a profit that is more or less than expected, or it may result in a loss. We or one or more of our affiliates will retain any profits realized in hedging our obligations under the Buffered PLUS. See “Risk Factors — The estimated value of the Buffered PLUS will be lower than the original issue price (price to public) of the Buffered PLUS” in this document.

For information about factors that will impact any secondary market prices of the Buffered PLUS, see “Risk Factors — Secondary market prices of the Buffered PLUS will be impacted by many economic and market factors” in this document. In addition, we generally expect that some of the costs included in the original issue price of the Buffered PLUS will be partially paid back to you in connection with any repurchases of your Buffered PLUS by JPMS in an amount that will decline to zero over an initial predetermined period that is intended to be the shorter of two years and one-half of the stated term of the Buffered PLUS. The length of any such initial period reflects the structure of the Buffered PLUS, whether our affiliates expect to earn a profit in connection with our hedging activities, the estimated costs of hedging the Buffered PLUS and when these costs are incurred, as determined by our affiliates. See “Risk Factors — The value of the Buffered PLUS as published by JPMS (and

**Secondary  
market prices  
of the Buffered  
PLUS:**

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which may be reflected on customer account statements) may be higher than the then-current estimated value of the Buffered PLUS for a limited time period.”

**Tax considerations:** You should review carefully the section entitled “Material U.S. Federal Income Tax Consequences” in the accompanying product supplement no. MS-1-I. The following discussion, when read in combination with that section, constitutes the full opinion of our special tax counsel, Davis Polk & Wardwell LLP, regarding the material U.S. federal income tax consequences of owning and disposing of the Buffered PLUS.

Based on current market conditions, in the opinion of our special tax counsel, it is reasonable to treat your Buffered PLUS as “open transactions” that are not debt instruments for U.S. federal income tax purposes, as more fully described in “Material U.S. Federal Income Tax Consequences — Tax Consequences to U.S. Holders — Notes Treated as Open Transactions That Are Not Debt Instruments” in the accompanying product supplement. Assuming this treatment is respected, the gain or loss on your Buffered PLUS should be treated as long-term capital gain or loss if you hold your Buffered PLUS for more than a year, whether or not you are an initial purchaser of Buffered PLUS at the issue price. However, the IRS or a court may not respect this treatment of the Buffered PLUS, in which case the timing and character of any income or loss on the Buffered PLUS could be materially and adversely affected. For example, there can be no assurance that IRS would not seek to recharacterize the Buffered PLUS as debt instruments. In that event, U.S. Holders would be required to accrue into income original issue discount on the Buffered PLUS every year at a “comparable yield” determined at the time of issuance and recognize all income and gain in respect of the Buffered PLUS as ordinary income. In addition, in 2007 Treasury and the IRS released a notice requesting comments on the U.S. federal income tax treatment of “prepaid forward contracts” and similar instruments. The notice focuses in particular on whether to require investors in these instruments to accrue income over the term of their investment. It also asks for comments on a number of related topics, including the character of income or loss with respect to these instruments; the relevance of factors such as the nature of the underlying property to which the instruments are linked; the degree, if any, to which income (including any mandated accruals) realized by non-U.S. investors should be subject to withholding tax; and whether these instruments are or should be subject to the “constructive ownership” regime, which very generally can operate to recharacterize certain long-term capital gain as ordinary income and impose a notional interest charge. While the notice requests comments on appropriate transition rules and effective dates, 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 Buffered PLUS, possibly with retroactive effect. You should consult your tax adviser regarding the U.S. federal income tax



consequences of an investment in the Buffered PLUS, including possible alternative treatments and the issues presented by this notice.

Withholding under legislation commonly referred to as “FATCA” may (if the Buffered PLUS are recharacterized as debt instruments) apply to amounts treated as interest paid with respect to the Buffered PLUS, as well as to payments of gross proceeds of a taxable disposition, including redemption at maturity, of a Buffered PLUS. However, under a 2015 IRS notice, this regime will not apply to payments of gross proceeds (other than any amount treated as interest) with respect to dispositions occurring before January 1, 2019. You should consult your tax adviser regarding the potential application of FATCA to the Buffered PLUS.

The Buffered PLUS are offered to meet investor demand for products that reflect the risk-return profile and market exposure provided by the Buffered PLUS. See “How the Buffered PLUS Work” in this document for an illustration of the risk-return profile of the Buffered PLUS and “EURO STOXX 50® Index Overview” in this document for a description of the market exposure provided by the Buffered PLUS.

**Supplemental  
use of proceeds  
and hedging:**

The original issue price of the Buffered PLUS is equal to the estimated value of the Buffered PLUS plus the selling commissions paid to JPMS and other affiliated or unaffiliated dealers and the structuring fee, plus (minus) the projected profits (losses) that our affiliates expect to realize for assuming risks inherent in hedging our obligations under the Buffered PLUS, plus the estimated cost of hedging our obligations under the Buffered PLUS.

**Benefit plan  
investor  
considerations:**

See “Benefit Plan Investor Considerations” in the accompanying product supplement.

**Supplemental  
plan of  
distribution:**

Subject to regulatory constraints, JPMS intends to use its reasonable efforts to offer to purchase the Buffered PLUS in the secondary market, but is not required to do so. JPMS, acting as agent for JPMorgan Financial, will pay all of the selling commissions it receives from us to Morgan Stanley Wealth Management. In addition, Morgan Stanley Wealth Management will receive a structuring fee as set forth on the cover of this document for each PLUS.

We or our affiliate may enter into swap agreements or related hedge transactions with one of our other affiliates or unaffiliated counterparties in connection with the sale of the Buffered PLUS and JPMS and/or an affiliate may earn additional income as a result of payments

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pursuant to the swap or related hedge transactions. See “— Supplemental use of proceeds and hedging” above and “Use of Proceeds and Hedging” in the accompanying product supplement.

We expect that delivery of the Buffered PLUS will be made against payment for the Buffered PLUS on or about the original issue date set forth on the front cover of this document, which will be the fourth business day following the pricing date of the Buffered PLUS (this settlement cycle being referred to as “T+4”). Under Rule 15c6-1 of the Securities Exchange Act of 1934, as amended, trades in the secondary market generally are required to settle in two business days, unless the parties to that trade expressly agree otherwise. Accordingly, purchasers who wish to trade Buffered PLUS on any date prior to two business days before delivery will be required to specify an alternate settlement cycle at the time of any such trade to prevent a failed settlement and should consult their own advisors.

**Contact:** Morgan Stanley Wealth Management clients may contact their local Morgan Stanley branch office or Morgan Stanley’s principal executive offices at 1585 Broadway, New York, New York 10036 (telephone number (800) 869-3326).

**Where you can find more information:** You may revoke your offer to purchase the Buffered PLUS at any time prior to the time at which we accept such offer by notifying the applicable agent. We reserve the right to change the terms of, or reject any offer to purchase, the Buffered PLUS prior to their issuance. In the event of any changes to the terms of the Buffered PLUS, we will notify you and you will be asked to accept such changes in connection with your purchase. You may also choose to reject such changes in which case we may reject your offer to purchase.

You should read this document together with the accompanying prospectus, as supplemented by the accompanying prospectus supplement relating to our Series A medium-term notes of which these Buffered PLUS are a part, and the more detailed information contained in the accompanying product supplement and the accompanying underlying supplement.

This document, together with the documents listed below, contains the terms of the Buffered PLUS and supersedes all other prior or contemporaneous oral statements as well as any other written materials including preliminary or indicative pricing terms, correspondence, trade ideas, structures for implementation, sample structures, stand-alone fact sheets, brochures or other educational materials of ours. You should carefully consider, among other things, the matters set forth in the “Risk Factors” sections of the accompanying product supplement and the accompanying underlying supplement, as the Buffered PLUS involve risks not associated with conventional debt securities. We urge you to consult your investment, legal, tax, accounting and other advisers before you invest in the Buffered PLUS.

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You may access these documents on the SEC website at [www.sec.gov](http://www.sec.gov) as follows (or if such address has changed, by reviewing our filings for the relevant date on the SEC website):

• **Product supplement no. MS-1-I dated April 5, 2018:**

[http://www.sec.gov/Archives/edgar/data/19617/000095010318004523/dp87526\\_424b2-ms1i.pdf](http://www.sec.gov/Archives/edgar/data/19617/000095010318004523/dp87526_424b2-ms1i.pdf)

• **Underlying supplement no. 1-I dated April 5, 2018:**

[http://www.sec.gov/Archives/edgar/data/19617/000095010318004514/crt\\_dp87766-424b2.pdf](http://www.sec.gov/Archives/edgar/data/19617/000095010318004514/crt_dp87766-424b2.pdf)

• **Prospectus supplement and prospectus, each dated April 5, 2018:**

[http://www.sec.gov/Archives/edgar/data/19617/000095010318004508/dp87767\\_424b2-ps.pdf](http://www.sec.gov/Archives/edgar/data/19617/000095010318004508/dp87767_424b2-ps.pdf)

Our Central Index Key, or CIK, on the SEC website is 1665650, and JPMorgan Chase & Co.'s CIK is 19617.

As used in this document, “we,” “us,” and “our” refer to JPMorgan Financial.

“Performance Leveraged Upside Securities<sup>SM</sup>” and “PLUS<sup>SM</sup>” are service marks of Morgan Stanley.